

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 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	15,476	1,363	1,327	1,276	1,324	1,445	1,711	1,803	1,952	1,988	1,999	1,948	2,057	2,018	1,995	2,025	947	42,654
	Women	2,500	434	456	505	718	909	1,080	1,192	1,295	1,253	1,231	1,149	972	1,024	847	866	345	16,776
Total ¹		18,006	1,797	1,784	1,782	2,043	2,354	2,791	2,995	3,247	3,241	3,230	3,097	3,042	2,842	2,891	1,293	59,464	
First AIDS diagnoses	Men	7,512	694	513	356	289	315	238	240	209	205	216	164	153	172	134	156	42	11,608
	Women	769	177	134	121	125	149	141	175	180	160	126	140	101	122	72	84	28	2,804
Total		8,281	871	647	477	414	464	379	415	389	365	342	304	254	294	206	240	70	14,412
Deaths ²	Men	5,609	685	278	196	170	141	159	165	146	177	141	175	148	149	172	43	8,725	
	Women	430	114	69	43	44	62	47	70	67	50	67	63	49	67	70	24	1,387	
Total		6,039	799	347	239	214	203	206	235	213	227	208	238	197	216	242	67	10,112	

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 34 HIV reports of individuals with sex not stated.

² Includes all deaths in HIV diagnosed individuals.

New HIV diagnoses in 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	12,375	1,018	937	867	835	916	1,035	1,075	1,129	1,177	1,238	1,219	1,297	1,167	1,163	1,242	526	29,216
Heterosexual contact																		
Men	1,424	248	269	316	397	432	564	613	693	675	639	567	594	566	485	461	173	9,116
Women	1,858	356	392	443	649	839	1,027	1,113	1,194	1,156	1,145	1,043	866	907	723	704	252	14,667
Sub total²	3,286	604	661	760	1,046	1,271	1,591	1,726	1,887	1,831	1,784	1,610	1,460	1,473	1,208	1,165	425	23,788
Injecting drug use																		
Men	763	48	55	44	35	38	42	54	48	51	44	66	51	45	34	33	10	1,461
Women	387	38	26	22	20	17	17	11	22	16	22	31	26	16	12	10	8	701
Sub total	1,150	86	81	66	55	55	59	65	70	67	66	97	77	61	46	43	18	2,162
Mother to infant ³																		
Boys/Men	129	22	41	35	33	38	33	28	38	28	27	21	15	20	17	15	5	545
Girls/Women	137	25	26	33	35	30	20	31	38	40	29	32	24	23	24	30	1	578
Sub total²	267	47	68	68	68	68	53	59	76	68	56	53	39	43	41	45	7	1,126
Recipient of blood/ tissue products ⁴																		
Men	379	6	8	0	7	7	5	10	8	7	5	7	6	3	5	2	2	467
Women	61	9	5	3	9	8	5	10	8	10	6	8	3	4	4	5	0	158
Sub total	440	15	13	3	16	15	10	20	16	17	11	15	9	7	9	7	2	625
Other																		
Men	4	1	3	2	3	3	0	2	1	2	0	0	2	1	5	2	1	32
Women	9	0	0	0	2	2	0	3	2	4	3	2	6	5	4	5	1	48
Sub total	13	1	3	2	5	5	0	5	3	6	3	2	8	6	9	7	2	80
Not reported																		
Men	402	20	14	12	14	11	32	21	35	48	46	68	92	216	286	270	230	1,817
Women	48	6	7	4	3	13	11	24	31	27	26	33	47	69	80	112	83	624
Sub total²	475	26	21	16	18	24	43	45	66	75	72	101	139	285	366	382	313	2,467
Total²	18,006	1,797	1,784	1,782	2,043	2,354	2,791	2,995	3,247	3,241	3,230	3,097	3,029	3,042	2,842	2,891	1,293	59,464

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 546 men who also reported injecting drug use.

² Includes individuals with sex not reported (34 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 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		2,164	209	234	202	151	314	321	388	416	447	512	631	679	607	558	647	349	8,829	
	Abroad		1,973	99	94	58	58	84	86	123	141	128	159	192	257	217	202	229	68	4,168	
	Not reported		8,238	710	609	607	626	518	628	564	572	602	567	396	361	343	403	366	109	16,219	
	Sub total		12,375	1,018	937	867	835	916	1,035	1,075	1,129	1,177	1,238	1,219	1,297	1,167	1,163	1,242	526	29,216	
Heterosexual contact	UK	Sex between men	31	4	3	4	3	2	5	5	6	5	3	1	5	2	2	3	1	85	
		Heterosexual contact ^{1 2}	165	35	50	61	77	90	116	136	188	217	230	256	225	250	222	189	66	2,573	
		Injecting drug use	32	7	10	3	4	7	5	2	8	10	4	6	5	4	4	3	1	115	
		Other ³	0	1	0	1	0	0	1	0	0	1	1	0	2	0	1	0	0	8	
		Not reported	40	3	13	12	17	18	9	12	17	15	27	40	41	39	64	78	38	483	
	Sub total		268	50	76	81	101	117	136	155	219	248	265	303	278	295	293	273	106	3,264	
	Possibly UK ⁴		-	-	-	-	-	-	-	168	195	166	145	136	134	100	119	96	47	1,306	
	Africa	Sex between men	4	1	0	1	0	0	3	2	1	2	1	2	0	3	0	0	0	0	20
		Heterosexual contact ²	202	55	59	54	121	474	668	728	875	936	833	711	547	450	319	300	103	7,435	
		Injecting drug use	1	1	0	1	0	0	1	1	0	1	1	1	0	1	0	0	0	0	9
		Other ³	2	1	1	1	2	0	1	0	0	0	1	0	0	0	0	0	0	0	9
		Not reported	2,246	405	420	499	672	512	622	482	336	215	267	187	168	157	147	121	41	7,497	
	Sub total		2,455	463	480	556	795	986	1,295	1,213	1,212	1,154	1,103	901	715	611	466	421	144	14,970	
Other world region		411	75	88	102	128	146	136	151	208	171	158	145	126	163	146	147	41	2,542		
Not reported		152	16	17	21	22	22	24	39	53	92	113	125	207	304	184	228	87	1,706		
Sub total		3,286	604	661	760	1,046	1,271	1,591	1,726	1,887	1,831	1,784	1,610	1,460	1,473	1,208	1,165	425	23,788		
Injecting drug use	UK		124	12	10	10	8	9	12	14	24	21	28	37	28	20	18	13	4	392	
	Abroad		280	19	19	19	16	13	15	18	13	19	20	24	19	19	11	22	6	552	
	Not reported		746	55	52	37	31	33	32	33	33	27	18	36	30	22	17	8	8	1,218	
	Sub total		1,150	86	81	66	55	55	59	65	70	67	66	97	77	61	46	43	18	2,162	
Other ³		720	63	84	73	89	88	63	84	95	91	70	70	56	56	59	59	11	1,831		
Not reported		475	26	21	16	18	24	43	45	66	75	72	101	139	285	366	382	313	2,467		
Total		18,006	1,797	1,784	1,782	2,043	2,354	2,791	2,995	3,247	3,241	3,230	3,097	3,029	3,042	2,842	2,891	1,293	59,464		

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 2573 heterosexuals infected in the UK from partners who were also heterosexually infected, 58% (1505) of these partners were probably infected in Africa and 17% (447) 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 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	331	48	70	70	70	71	54	63	73	71	55	46	35	36	27	23	5	1,148
15-19	286	15	13	25	13	38	45	47	52	80	65	55	65	54	44	60	17	974
20-24	2,160	140	139	122	155	193	222	256	269	260	277	254	265	253	234	241	96	5,536
25-29	4,394	434	381	369	403	473	550	574	573	591	604	540	516	501	447	481	222	12,053
30-34	3,983	489	472	486	556	590	747	707	786	675	733	699	588	607	523	495	244	13,380
35-39	2,672	296	349	359	445	463	552	666	676	680	603	593	600	550	511	512	236	10,763
40-44	1,775	169	169	156	189	235	294	319	429	464	407	440	433	441	422	446	193	6,981
45-49	1,022	98	87	82	92	128	127	169	189	208	233	232	269	293	302	309	119	3,959
50-54	527	44	53	59	48	73	102	102	87	109	104	104	108	140	159	144	76	2,039
55+	548	60	51	52	71	90	98	92	113	103	149	134	150	167	173	180	85	2,316
Not reported	308	4	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	315
Total	18,006	1,797	1,784	1,782	2,043	2,354	2,791	2,995	3,247	3,241	3,230	3,097	3,029	3,042	2,842	2,891	1,293	59,464

*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 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	1,020	956	901	839	796	817	920	955	994	1,022	1,066	1,124	1,193	1,166	1,162	1,068	476	16,475
	Women	109	99	76	86	78	72	80	79	99	102	123	97	113	114	106	122	39	1,594
Sub total		1,129	1,055	977	925	874	889	1,000	1,034	1,093	1,124	1,189	1,221	1,306	1,280	1,268	1,190	515	18,069
Black-African	Men	202	198	230	259	315	366	501	537	589	572	513	418	426	368	332	328	123	6,277
	Women	257	284	320	382	564	736	889	957	1,009	961	918	845	674	707	524	516	194	10,737
Sub total ²		459	482	550	642	879	1,102	1,390	1,494	1,598	1,533	1,431	1,263	1,100	1,075	856	844	318	17,016
Black-Caribbean		43	52	63	59	107	118	160	184	217	168	185	168	155	161	164	139	40	2,183
Other/Mixed ²		133	171	167	145	164	207	199	228	289	351	369	398	389	441	395	453	160	4,659
Not reported ²		84	37	27	11	19	38	42	55	50	65	56	47	79	85	159	265	260	1,379
Total ²		1,848	1,797	1,784	1,782	2,043	2,354	2,791	2,995	3,247	3,241	3,230	3,097	3,029	3,042	2,842	2,891	1,293	43,306

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 4 with sex not stated on report.