



United Kingdom HIV New Diagnoses to end of June 2009

HIV/STI Department
Health Protection Agency Centre for Infections

in collaboration with

Health Protection Scotland

and the

UCL Institute of Child Health

Data received by 15th July 2009
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HIV/ AIDS SURVEILLANCE TABLES

In the UK all reporting of diagnoses of HIV infection and AIDS is voluntary and confidential. No names are kept on the databases. 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.

Data Updates

These tables are updated every six months and made available on the Health Protection Agency (HPA) web site at:

http://www.hpa.org.uk/infections/topics_az/hiv_and_sti/Stats/HIV/NewDiagnoses/Nationalnewdiagnoses.htm

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

Commentary on the surveillance tables updates is published in the **Health Protection Report (HPR)** (formally CDR) available on the HPA web site at: <http://www.hpa.org.uk/cdr/>

Data Sources

These tables are prepared from:

- 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 Centre for Infections (HPA CfI) and to Health Protection Scotland.
- ii) Returns to the Oxford Haemophilia Centre for the United Kingdom Haemophilia Centre Directors' Organisation.
- iii) Paediatric data compiled at the UCL Institute of Child Health (Tel: 020-7829-8686) in collaboration with the HPA CfI 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 all 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.

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 used for AIDS surveillance in the UK. It is based on that developed in USA as modified in 1987 and 1993, but does not include a CD4 count of less than 200 in an HIV infected person as AIDS defining.

Death in an HIV infected individual: 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.

Children born to HIV infected mothers: this includes all reported children regardless of infection status, i.e. infected, uninfected and of indeterminate infection status (table 12, 13 and 14)

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 CfI receives reports from the Channel Islands and Isle of Man. All data presented in these tables include UK data only except Tables 3 & 4 showing geographical breakdowns and include Channel Islands and Isle of Man reports below the UK total.

England is subdivided on the basis of the NHS boundaries as revised on July 2006. Each of the regions of the 2002 NHS geography is equivalent to an NHS Strategic Health Authority in the new 2006 geography with the exception of the former South Eastern region, which has been divided into 2 Strategic Health Authorities - South East Coast and South East Central.

Exposure categorisation

Whenever possible enough information is gathered from the initial report or through subsequent follow-up to allow consistent allocation of individuals to defined risk categories. Where there has been exposure to HIV infection by more than one route, allocation to the summary categories used in these tables is based on a judgement as to which is the most probable route. Those exposed to infection, for instance, both through sex between men and heterosexually, are allocated to the summary category of sex between men.

All reports indicating heterosexual exposure to HIV infection with insufficient information for classification as described above are systematically followed up. Because of the interval between reporting and completing follow-up, the proportion of reports with unspecified exposure categorisation is higher for the most recent time period.

Ethnicity data

Ethnicity has been collected on new HIV diagnoses reports since 1995, and was only available on AIDS reports prior to this (Tables 10 & 11).

HIV-2

Current HIV testing strategies do not always seek to distinguish between HIV-1 and HIV-2 infection. By the end of December 2008, however, 137 diagnoses of HIV-2 infection in individuals without HIV-1 infection had been reported in the UK. A further 35 diagnoses of HIV-1 and HIV-2 dual infections were also reported.

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.

AIDS reports are not subject to the ascertainment biases that affect laboratory reports of HIV diagnoses, but the effect of enhanced anti-retroviral therapy introduced in 1996 has been to delay progression to AIDS in those who have had their HIV infection previously diagnosed. Those who developed an AIDS defining condition before beginning treatment may subsequently have greatly improved health. This led to an even steeper decline in the number of deaths than there have been in AIDS cases.

It is still uncertain how long these benefits will last. They will, in the medium term at least however, result in an increase in the prevalence of diagnosed HIV infections, as the number of new diagnoses of infection shows no sign of declining. The fall in the numbers of AIDS cases and deaths has had the greatest effect in the group who acquired HIV through sex between men, so that the development of AIDS can no longer be regarded as a marker of disease progression which is unbiased by risk group.

European and global HIV data

Information relating to the HIV epidemic in Europe is available from ECDC, 171 83 Stockholm, Sweden, telephone +46 (0) 8 586 01000, e-mail info@ecdc.europa.eu.
http://ecdc.europa.eu/Health_topics/AIDS/Index.html

Information relating to the world situation is available from UNAIDS, 20 Avenue Appia, CH-1211, Geneva 27, Switzerland, Telephone +4122 791 3666 e-mail UNAIDS@WHO.CH <http://www.unaids.org/>.

Citation

For citation purposes the following is suggested;

"Health Protection Agency Centre for Infections and Health Protection Scotland. Unpublished HIV Diagnoses Surveillance Tables 01:2009 Table".

Contacts

Enquiries regarding the tables should be directed to the staff of the HIV & STI department at the HPA CfI, 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/>.

19th August 2009

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Individuals diagnosed with HIV in the United Kingdom

Adjusted counts for HIV diagnoses by year of diagnosis and probable exposure category (2000-2009)

Data to end of June 2009

			2000	2001	2002	2003	2004	2005	2006	2007	2008	2009*	
HIV diagnoses*	Men		2531	3148	3637	4091	4534	4705	4564	4739	4614	1891	
	Women		1419	2002	2685	3282	3315	3270	3044	2756	2684	1005	
	Total		3950	5150	6322	7373	7849	7975	7608	7495	7298	2896	
Probable exposure category	Sex between men	Adjusted**	1590	1820	1980	2170	2480	2690	2670	2950	2760	1150	
		Observed	1575	1793	1949	2127	2437	2637	2581	2785	2433	887	
	All	Adjusted**	2100	3040	4040	4820	5020	4930	4550	4210	4220	1630	
		Observed	2073	2995	3980	4738	4921	4825	4397	3973	3717	1256	
	Heterosexual contact	In the UK	Adjusted***	240	330	490	600	740	830	870	1000	1130	490
			Observed	228	314	380	467	569	646	648	655	635	217
		Abroad	Adjusted**	1860	2710	3550	4220	4280	4100	3680	3210	3090	1140
			Observed	1810	2635	3284	3868	3786	3508	2995	2303	1802	526
	Injecting drug use	Adjusted**	120	140	130	170	150	180	190	180	170	80	
		Observed	118	142	126	169	148	180	187	166	152	60	
	Other exposure categories	Adjusted**	140	150	170	210	200	170	190	160	140	40	
		Observed	138	144	164	206	195	167	180	152	121	33	

* Numbers will rise as further reports are received

** Adjusted for undetermined risk

*** Adjusted for undetermined risk in all years and, from 2002 onwards, for where sexual contact was reported both in the UK and a country abroad with national HIV prevalence below 4%

Individuals diagnosed with HIV in the United Kingdom

HIV and AIDS cases by year of diagnosis and deaths in HIV-infected individuals by year of death and sex

Cumulative data to the end of June 2009

Report type and sex	1993 or earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total ^{1,3}	
HIV diagnoses	Men	20,903	2264	2320	2269	2156	2138	2248	2531	3147	3637	4091	4534	4705	4564	4739	4614	1891	72,751
	Women	3097	551	611	634	690	774	1014	1419	2002	2685	3282	3315	3270	3044	2756	2684	1005	32,833
Sub total ¹		24,035	2816	2931	2903	2847	2913	3264	3950	5150	6322	7373	7849	7975	7608	7495	7298	2896	105,625
AIDS diagnoses	Men	8845	1645	1511	1196	883	619	586	622	524	621	575	570	581	490	491	382	134	20,275
	Women	819	232	285	274	222	197	206	263	260	359	447	404	339	338	257	229	64	5195
Sub total		9664	1877	1796	1470	1105	816	792	885	784	980	1022	974	920	828	748	611	198	25,470
Deaths ²	Men	6661	1521	1498	1255	595	417	390	386	357	413	405	343	445	406	403	387	135	16,019
	Women	498	183	222	224	151	97	81	98	118	106	166	149	148	149	163	138	72	2765
Sub total ³		7161	1704	1720	1479	747	514	471	484	475	519	571	492	593	555	566	525	207	18,787

Table 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 41 HIV diagnoses of individuals with sex not reported.

² Includes all deaths in HIV diagnosed individuals.

³ Includes 3 death reports of individuals with sex not reported.

Individuals diagnosed with HIV in the United Kingdom
By year of diagnosis and exposure category and sex
Cumulative data to end of June 2009

Probable exposure category		1993 or Earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
Sex between men ¹		15,375	1672	1690	1671	1476	1422	1437	1575	1793	1949	2127	2437	2637	2581	2785	2433	887	45,947
Heterosexual contact	Men	1724	366	396	379	459	527	635	778	1109	1456	1669	1806	1746	1612	1542	1435	483	18,122
	Women	1943	450	497	518	580	662	901	1295	1886	2524	3069	3115	3079	2785	2431	2282	773	28,790
Sub total ²		3672	816	893	897	1039	1190	1537	2073	2995	3980	4738	4921	4825	4397	3973	3717	1256	46,919
Injecting drug use	Men	1764	135	144	138	124	108	81	77	106	95	111	116	137	139	121	116	38	3550
	Women	821	51	71	63	52	42	41	41	36	31	58	32	43	48	45	36	22	1533
Sub total		2585	186	215	201	176	150	122	118	142	126	169	148	180	187	166	152	60	5083
Mother to infant ³	Boys/ Men	123	39	30	30	50	42	40	55	61	54	80	68	64	50	48	45	7	886
	Girls/ Women	137	33	27	34	31	50	45	49	47	64	73	86	62	79	69	47	7	940
Sub total ²		260	73	57	64	82	92	85	104	109	118	153	154	126	129	117	92	14	1829
Recipient of blood/ tissue products ⁴	Men	1409	12	15	10	17	4	12	11	14	15	18	11	15	21	13	7	7	1611
	Women	119	9	9	11	15	7	13	15	9	23	19	17	12	17	6	8	5	314
Sub total ²		1531	21	24	21	32	11	25	26	23	38	37	28	27	38	19	15	12	1928
Other/ undetermined	Men	508	40	45	41	30	35	43	35	64	68	86	96	106	161	230	578	469	2635
	Women	77	8	7	8	12	13	14	19	24	43	63	65	74	115	205	311	198	1256
Sub total ²		612	48	52	49	42	48	58	54	88	111	149	161	180	276	435	889	667	3919
Total ²		24,035	2816	2931	2903	2847	2913	3264	3950	5150	6322	7373	7849	7975	7608	7495	7298	2896	105,625

Table 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 822 men who also reported injecting drug use.

² Includes 41 individuals with sex not stated.

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.

Individuals diagnosed with HIV in the United Kingdom
By year of first diagnosis, country and Strategic Health Authority (SHA)
Cummulative date to end of June 2009

Country and SHA of diagnosis	1993 or earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
ENGLAND																		
North East	374	35	24	28	38	23	34	40	56	101	146	144	156	135	152	129	67	1682
North West	1372	162	193	201	158	192	207	237	423	437	551	646	709	639	581	613	199	7520
Yorkshire and The Humber	783	74	92	95	87	88	97	109	195	324	448	491	504	444	464	457	165	4917
East Midlands	477	61	50	57	47	64	90	101	192	268	343	373	418	409	360	353	104	3767
West Midlands	753	81	104	76	109	122	113	187	225	432	509	530	519	567	533	480	227	5567
East of England	615	68	89	65	78	96	111	198	327	510	551	621	552	548	512	461	162	5564
London	14,452	1747	1862	1817	1793	1801	2042	2364	2808	3006	3276	3332	3315	3204	3094	3059	1333	54,305
South East Coast	1095	166	139	156	148	135	136	231	242	349	424	486	491	422	458	455	149	5682
South Central	862	89	54	89	72	75	100	144	270	368	459	421	450	425	435	416	119	4848
South West	787	119	109	98	101	124	123	130	159	218	258	304	347	320	309	304	126	3936
ENGLAND (Total)	21,570	2602	2716	2682	2631	2720	3053	3741	4897	6013	6965	7348	7461	7113	6898	6727	2651	97,788
Wales	354	44	50	36	44	33	36	47	64	79	110	108	116	161	185	148	64	1679
Northern Ireland	115	15	13	17	10	9	18	19	19	27	34	66	60	56	61	92	24	655
Scotland	1980	154	148	168	162	150	156	142	163	200	258	327	337	275	351	331	157	5459
UK TOTAL¹	24,035	2816	2931	2903	2847	2913	3264	3950	5150	6322	7373	7849	7975	7608	7495	7298	2896	105,625
Channel Islands/ Isle of Man	30	8	1	5	8	7	0	1	5	8	4	4	4	6	0	2	0	96

Table will include some records of the same individuals which are unmatchable because of differences in information supplied.
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¹ Includes 44 cases where region is not known

Individuals diagnosed with HIV in the United Kingdom
By exposure category and country and Strategic Health Authority (SHA) of first diagnosis
Cumulative data to the end of June 2009

Country and SHA of diagnosis	How HIV Infection was probably acquired											Total ⁴
	Sex between men ¹	Heterosexual contact		Injecting drug use		Mother to infant ²		Recipient of blood/ tissue products ³		Other / undetermined		
		Men	Women	Men	Women	Boys/ Men	Girls/ Women	Men	Women	Men	Women	
ENGLAND												
North East	662	311	465	46	23	12	11	90	5	41	16	1682
North West	3953	1136	1681	195	82	46	68	175	32	118	34	7520
Yorkshire and The Humber	1503	1107	1734	143	53	38	37	134	17	82	69	4917
East Midlands	947	894	1415	129	36	44	38	58	12	99	95	3767
West Midlands	1882	1150	1862	101	36	49	55	137	15	176	104	5567
East of England	1288	1354	2426	172	64	26	28	54	15	79	57	5564
London	26,698	8191	13357	1402	661	510	524	465	152	1654	656	54,305
South East Coast	2840	910	1481	151	65	15	21	51	13	84	51	5682
South Central	1305	1039	1856	122	47	40	35	189	15	108	91	4848
South West	1809	764	936	160	56	25	27	73	9	55	22	3936
ENGLAND (total)	42,887	16,856	27,213	2621	1123	805	844	1426	285	2496	1195	97,788
Wales	821	280	373	42	13	8	11	56	5	48	22	1679
Northern Ireland	315	133	157	9	5	1	4	20	2	7	2	655
Scotland	1923	853	1047	878	392	64	70	104	22	77	29	5459
UK TOTAL ⁵	45,947	18,122	28,790	3550	1533	886	940	1611	314	2635	1256	105,625
Channel Islands/Isle of Man	38	15	21	9	4	1	1	2	1	2	2	96

*Table will include some records of the same individuals which are unmatchable because of differences in the information supplied.
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¹ Includes 822 men who also reported injecting drug use.

² Includes individuals born outside but diagnosed in the United Kingdom (see Tables 12 and 13 for UK-born children).

³ All infections diagnosed since 2002 were acquired outside of the UK.

⁴ Includes 37 individuals with sex not stated.

⁵ Includes 44 cases where region is not known

Individuals newly diagnosed with HIV in the United Kingdom

By year of diagnosis and probable exposure category, world region of infection and partner exposure

Cumulative data to the end of June 2009

Exposure	Where acquired	Partner's exposure	1993 and earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
Sex between men	UK		2927	260	227	324	338	325	333	635	737	806	937	930	1246	1327	1537	1349	468	14,706
	Abroad		2467	186	206	140	134	114	102	155	156	182	212	220	291	285	345	289	86	5570
	Not reported		9981	1226	1257	1207	1004	983	1002	785	900	961	978	1287	1100	969	903	795	333	25,671
	Sub total		15,375	1672	1690	1671	1476	1422	1437	1575	1793	1949	2127	2437	2637	2581	2785	2433	887	45,947
Heterosexual contact	UK	Sex between men	41	13	8	7	9	9	9	12	17	26	15	19	15	16	13	14	6	249
		Heterosexual contact ^{1,2}	193	67	71	68	93	101	120	156	222	284	362	449	497	495	488	426	139	4231
		Injecting drug use	63	17	19	22	22	17	11	10	23	20	26	28	28	20	19	12	2	359
		Other ³	37	9	6	11	12	12	9	11	7	9	18	10	23	15	16	13	1	219
		Not reported	98	29	25	13	32	32	44	39	45	41	46	63	83	102	119	171	69	1051
	Sub total	432	135	129	121	168	171	193	228	314	380	467	569	646	648	655	636	217	6109	
	Possibly UK ⁴		-	-	-	-	-	-	-	-	-	241	310	313	311	246	225	158	149	1953
	Africa	Sex between men	2	3	0	2	0	1	0	0	4	3	2	2	1	2	3	4	0	29
		Heterosexual contact ²	151	61	60	67	80	73	163	765	1342	1846	2434	2611	2379	1997	1475	1130	287	16,921
		Injecting drug use	3	0	1	2	2	2	0	0	2	1	2	1	0	1	0	5	0	22
		Other ³	3	0	0	1	2	1	2	0	2	2	0	0	1	1	0	0	0	15
		Not reported	2205	484	523	526	576	699	908	782	1007	1080	1007	737	716	589	471	359	130	12,799
	Sub total	2364	548	584	598	660	776	1073	1547	2357	2932	3445	3351	3097	2590	1949	1498	417	29,786	
Other world region		491	102	131	134	164	204	228	265	283	352	423	435	411	405	354	304	109	4795	
Not reported		385	31	49	44	47	39	43	33	41	75	93	253	360	508	790	1121	364	4276	
Sub total		3672	816	893	897	1039	1190	1537	2073	2995	3980	4738	4921	4825	4397	3973	3717	1256	46,919	
Injecting drug use	UK		234	24	20	32	19	20	16	23	35	32	56	46	59	59	49	59	14	797
	Abroad		349	50	60	46	50	38	28	38	53	44	49	52	58	60	51	34	21	1081
	Not reported		2002	112	135	123	107	92	78	57	54	50	64	50	63	68	66	59	25	3205
	Sub total		2585	186	215	201	176	150	122	118	142	126	169	148	180	187	166	152	60	5083
Other		1814	99	86	88	117	110	121	138	144	164	206	195	167	180	152	121	33	3935	
Undetermined		589	43	47	46	39	41	47	46	76	103	133	148	166	263	419	875	660	3741	
Total		24,035	2816	2931	2903	2847	2913	3264	3950	5150	6322	7373	7849	7975	7608	7495	7298	2896	105,625	

Table 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 4231 heterosexuals infected in the UK with heterosexually infected partners, 61% (2573) of these partners were probably infected in Africa and 19% (806) within Europe (including the UK)² No evidence of partner(s) with risks other than heterosexual exposure found³ Includes individuals infected with HIV through other risk exposures such as blood/ tissue recipient, mother to infant and nosocomial.⁴ Evidence of sexual contact in UK and Abroad (coded since 2002)

Individuals diagnosed with HIV in the United Kingdom

By year of diagnosis and age group

Cumulative data to the end of June 2009

Age at diagnosis	1993 or earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
<15	556	76	67	66	86	95	88	107	116	125	157	158	128	117	103	80	6	2131
15-19	730	32	39	35	35	41	40	65	94	104	139	189	154	161	160	152	63	2233
20-24	3550	238	248	240	241	223	274	335	441	579	684	725	791	649	665	603	230	10,716
25-29	5603	644	680	633	584	597	619	748	1030	1268	1410	1456	1447	1386	1286	1220	429	21,040
30-34	4792	698	745	760	700	726	801	994	1280	1459	1798	1776	1744	1669	1444	1391	539	23,316
35-39	3353	437	489	489	524	565	685	743	965	1335	1409	1479	1482	1411	1472	1319	508	18,665
40-44	2285	296	256	284	272	278	317	394	542	645	874	969	960	1024	1033	1022	455	11,906
45-49	1327	182	176	175	164	155	179	247	288	364	421	499	587	548	619	695	298	6924
50-54	740	94	114	93	119	106	101	137	200	225	213	309	317	281	333	369	174	3925
55-59	415	58	59	65	55	69	72	92	100	115	139	147	177	171	177	230	96	2237
60+	328	58	56	56	66	56	85	88	94	103	129	142	188	191	203	217	98	2158
Unknown	356	3	2	7	1	2	3	0	0	0	0	0	0	0	0	0	0	374
Total	24,035	2816	2931	2903	2847	2913	3264	3950	5150	6322	7373	7849	7975	7608	7495	7298	2896	105,625

Table 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.

Individuals diagnosed with HIV in the United Kingdom
Infected through sex between men (MSM) by year of diagnosis and age group
Cumulative data to the end of June 2009

Age at diagnosis	1993 or earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
<15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
15-19	249	11	18	19	18	15	17	20	21	19	28	31	39	42	47	44	20	658
20-24	1962	122	141	141	120	114	116	127	132	169	185	214	293	265	289	261	93	4744
25-29	3519	364	381	353	329	302	269	295	338	305	325	374	452	446	521	451	146	9170
30-34	3179	400	430	436	360	366	376	391	450	439	482	535	536	524	499	440	146	9989
35-39	2492	276	290	277	286	281	306	330	377	473	462	506	494	483	545	393	135	8406
40-44	1803	217	163	192	135	130	155	172	212	236	304	371	342	406	385	333	155	5711
45-49	1017	139	132	122	93	79	79	108	123	126	143	196	244	200	232	253	85	3371
50-54	541	65	67	56	61	63	50	60	71	98	87	108	113	102	127	124	41	1834
55-59	281	37	31	41	32	36	31	35	32	49	64	55	69	51	68	68	40	1020
60+	192	41	33	32	42	34	38	37	37	35	47	47	55	62	72	66	26	896
Unknown	140	0	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	146
Total	15,375	1672	1690	1671	1476	1422	1437	1575	1793	1949	2127	2437	2637	2581	2785	2433	887	45,947

*Table will include some records of the same individuals which are unmatchable because of differences in the information supplied.
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Individuals diagnosed with HIV in the United Kingdom
Infected through heterosexual contact by year of diagnosis and age group
Cumulative data to the end of June 2009

a) Men

Age at diagnosis	1993 or earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
15-19	15	2	5	1	1	2	0	4	14	8	6	14	13	11	8	12	4	120
20-24	136	23	25	20	25	20	28	28	53	79	89	84	88	68	60	60	20	906
25-29	397	74	76	72	70	68	91	105	162	239	244	249	222	210	175	160	49	2663
30-34	436	101	90	96	108	142	139	212	285	346	433	438	376	338	293	235	79	4147
35-39	286	71	74	78	88	123	167	156	232	352	391	391	391	344	331	298	98	3871
40-44	166	31	44	45	66	75	81	105	143	182	259	271	267	274	268	267	89	2633
45-49	113	25	26	23	40	38	46	68	88	111	116	152	163	164	170	163	79	1585
50-54	78	18	23	22	34	23	31	39	64	68	56	104	98	89	119	110	36	1012
55-59	55	12	19	13	15	21	22	29	36	29	29	48	56	58	53	64	11	570
60+	31	9	14	8	12	15	30	32	32	42	46	55	72	56	65	65	18	602
Unknown	11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Total	1724	366	396	379	459	527	635	778	1109	1456	1669	1806	1746	1612	1542	1435	483	18,122

b) Women

Age at diagnosis	1993 or earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
15-19	75	13	9	13	13	22	16	32	50	71	91	133	84	82	69	55	19	847
20-24	500	70	65	63	81	78	115	166	239	312	383	401	384	279	275	208	79	3698
25-29	632	150	161	158	143	187	226	320	485	684	770	791	709	659	505	435	138	7153
30-34	395	127	128	137	158	166	242	344	507	622	818	725	756	700	535	511	182	7053
35-39	155	45	72	74	98	113	169	219	295	441	484	512	525	475	462	438	121	4698
40-44	77	24	27	31	39	47	66	94	151	194	271	283	298	268	276	274	99	2519
45-49	39	3	14	17	22	27	36	55	62	105	137	122	151	154	161	164	62	1331
50-54	30	6	12	8	15	12	11	34	51	49	58	81	86	69	66	88	45	721
55-59	18	6	6	9	6	8	10	17	26	31	36	34	43	48	40	60	16	414
60+	9	5	3	7	5	2	9	14	20	15	21	33	43	50	42	49	12	339
Unknown	13	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	16
Total	1943	450	497	518	580	662	901	1295	1886	2524	3069	3115	3079	2785	2431	2282	773	28,790

Tables 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.

Individuals diagnosed with HIV in the United Kingdom
Infected through injecting drug use by year of diagnosis and age group
Cumulative data to the end of June 2009

Age at diagnosis	1993 or earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
15-19	185	1	3	1	2	2	5	5	6	3	1	0	5	1	4	2	0	226
20-24	694	19	14	13	11	8	10	10	13	9	17	14	11	16	7	11	3	880
25-29	787	48	55	37	32	26	24	23	28	22	41	27	36	35	34	23	5	1283
30-34	534	61	80	77	61	44	33	31	28	28	34	40	46	38	39	38	11	1223
35-39	230	37	42	46	35	43	25	24	40	40	41	32	40	47	39	35	13	809
40-44	81	17	17	12	25	18	9	14	17	16	26	23	23	29	28	26	15	396
45-49	23	3	1	12	5	6	11	6	5	8	9	9	12	10	8	11	2	141
50-54	6	0	2	2	4	3	2	2	5	0	0	3	4	5	6	5	8	57
55-59	3	0	0	0	0	0	2	3	0	0	0	0	1	4	1	0	2	16
60+	2	0	1	1	0	0	1	0	0	0	0	0	2	2	0	1	1	11
Unknown	40	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	41
Total	2585	186	215	201	176	150	122	118	142	126	169	148	180	187	166	152	60	5083

*Table 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.*

Individuals diagnosed with HIV in the United Kingdom

By year of diagnosis, ethnicity and sex, 1995-2009¹

Cumulative data to end June 2009

Ethnicity		1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
White	Men	1703	1699	1563	1514	1516	1602	1832	1965	2153	2461	2692	2745	2941	2728	1077	30,191
	Women	217	204	187	210	175	185	230	284	301	340	370	364	394	384	159	4004
Sub total²		1920	1903	1750	1724	1691	1787	2062	2249	2454	2801	3062	3109	3335	3112	1236	34,195
Black-African	Men	226	231	278	338	391	544	850	1178	1371	1429	1317	1140	1045	919	329	11,586
	Women	279	328	392	475	696	1057	1575	2109	2646	2561	2505	2251	1885	1710	560	21,029
Sub total²		505	559	670	814	1088	1601	2426	3287	4017	3990	3822	3391	2930	2629	889	32,618
Black-Caribbean	Men	45	42	61	66	93	88	127	158	173	139	151	138	119	120	53	1573
	Women	10	14	20	18	42	55	77	108	132	130	114	118	93	96	34	1061
Sub total²		55	56	81	84	135	143	204	266	305	269	265	256	212	216	87	2634
Black other	Men	18	23	29	24	31	29	36	43	46	44	69	71	76	72	40	651
	Women	12	11	8	4	12	14	15	30	41	40	51	55	68	73	29	463
Sub total²		30	34	37	28	43	43	51	73	87	84	120	126	144	145	69	1114
Asian	Men	27	29	31	39	47	54	50	43	52	87	90	120	130	138	50	987
	Women	6	9	12	16	14	28	19	25	20	51	46	54	48	59	24	431
Sub total²		33	38	43	55	61	82	69	68	72	138	136	174	178	197	74	1418
Other/ mixed	Men	76	100	98	98	94	120	140	141	187	227	244	224	237	248	84	2318
	Women	18	26	28	37	49	48	46	75	83	121	108	105	86	98	40	968
Sub total²		94	126	127	135	143	168	186	216	270	348	352	329	323	346	124	3287
Not reported	Men	225	145	96	59	76	94	112	109	109	147	142	126	191	389	258	2278
	Women	69	42	43	14	26	32	40	54	59	72	76	97	182	264	159	1229
Sub total²		294	187	139	73	103	126	152	163	168	219	218	223	373	653	417	3508
Total²		2931	2903	2847	2913	3264	3950	5150	6322	7373	7849	7975	7608	7495	7298	2896	78,774

Table 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 5 individuals with sex not stated

Individuals diagnosed with HIV in the United Kingdom

By exposure category, ethnicity and sex, 1995-2009¹

Cumulative data to end of June 2009

Ethnicity		Sex between men ²	Heterosexual contact	Injecting drug use	Mother to infant ⁴	Recipient of Blood/ tissue products	Other/ undetermined	Total
White	Men	24,350	3582	1310	53	80	816	30,191
	Women	0	3264	546	38	34	122	4004
Sub total ³		24,350	6846	1856	91	114	938	34,195
Black-African	Men	527	10234	45	573	61	146	11,586
	Women	0	20,071	29	618	103	208	21,029
Sub total ³		527	30,307	74	1192	164	354	32,618
Black-Caribbean	Men	740	756	29	5	4	39	1573
	Women	0	1009	6	11	10	25	1061
Sub total ³		740	1765	35	16	14	64	2634
Black-other	Men	320	269	22	0	0	40	651
	Women	0	430	10	0	2	21	463
Sub total ³		320	699	32	0	2	61	1114
Asian	Men	435	433	19	17	21	62	987
	Women	0	377	5	12	17	20	431
Sub total ³		435	810	24	29	38	82	1418
Other/ mixed	Men	1620	440	102	66	13	77	2318
	Women	0	811	34	87	12	24	968
Sub total ³		1620	1251	136	154	25	101	3287
Not reported	Men	908	318	124	10	11	907	2278
	Women	0	435	31	4	8	751	1229
Sub total ³		908	753	155	14	19	1659	3508
Total ³		28,900	42,431	2312	1496	376	3259	78,774

Table 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 has been collected since 1995.

² Includes 822 men who also reported injecting drug use.

³ Includes 5 individuals with sex not stated

⁴ Includes individuals born outside but diagnosed in the United Kingdom (see Tables 12 and 13 for UK-born children).

Children born in the United Kingdom to HIV-infected women

By year of birth and infection status of child

Cumulative data to the end of June 2009

Infection status	Year of birth																	Total
	1993 or earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
Infected	263	50	51	52	60	48	42	56	35	37	29	35	36	26	16	11	0	847
Indeterminate	85	24	14	18	10	14	17	32	66	56	55	57	68	127	310	658	76	1687
Not infected	274	50	59	84	91	124	196	300	414	551	812	941	1047	1041	934	421	1	7340
TOTAL	622	124	124	154	161	186	255	388	515	644	896	1033	1151	1194	1260	1090	77	9874

Numbers will rise as further reports are received, particularly for recent years.

Note that the rate of vertical transmission cannot be estimated from this table.

Data shown were provided by the National Study of HIV in Pregnancy and Childhood (UCL Institute of Child Health).

For additional paediatric tables please visit: <http://www.nshpc.ucl.ac.uk/>

Children born in the United Kingdom to HIV-infected women

By infection status of child, time period and region of birth

Cumulative data to the end of June 2009 (includes individuals now aged 16 years or over but diagnosed before their 16th birthday)

Country and region of report	Number of births to HIV-infected women			Infection status of children		
	1999 or earlier	2000-2008	Total	Infected	Indeterminate	Uninfected
England						
North East	13	126	139	7	21	111
North West	64	496	560	55	195	310
Yorkshire and the Humber	44	476	520	24	84	412
East Midlands	39	443	482	28	89	365
West Midlands	41	572	613	37	125	451
East of England	38	520	558	19	114	425
London	1403	3872	5275	549	723	4003
South East Coast	44	296	340	18	82	240
South Central	46	464	510	29	107	374
South West	35	207	242	25	57	160
England (Total)	1767	7472	9239	791	1597	6851
Wales	16	97	113	9	26	78
Northern Ireland	4	36	40	0	11	29
Scotland	227	255	482	47	53	382
UK Total¹	2014	7860	9874	847	1687	7340

Numbers will rise as further reports are received, particularly for recent years.

Note that the rate of vertical transmission cannot be estimated from this table.

Data shown were provided by the National Study of HIV in Pregnancy and Childhood (UCL Institute of Child Health).

For additional paediatric tables please visit: <http://www.nshpc.ucl.ac.uk/>

Children diagnosed with HIV infection in the United Kingdom

By year of diagnosis and place of birth

Cummulative data to the end of June 2009 (includes individuals now aged 16 years or over but diagnosed before their 16th birthday)

Place of birth	Year of HIV diagnosis																	Total ^{1,4}
	1993 or earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
UK ²	162	52	43	46	54	65	46	49	41	38	48	53	47	54	33	29	2	853
Elsewhere ³	99	17	17	19	26	27	40	54	66	83	100	97	77	66	66	44	3	886
Not reported	18	1	4	0	0	3	1	1	5	2	6	2	1	0	1	0	0	45
TOTAL^{1,4}	279	70	64	65	80	95	87	104	112	123	154	152	125	120	100	73	5	1784

Numbers will rise as further reports are received, particularly for recent years.

Note that the rate of vertical transmission cannot be estimated from this table.

Data shown were provided by the National Study of HIV in Pregnancy and Childhood (UCL Institute of Child Health).

For additional paediatric tables please visit: <http://www.nshpc.ucl.ac.uk/>

¹ An additional 265 children infected through treatment for haemophilia have been reported to the NSHCP: all were diagnosed before 1995.

² 98% infected through mother to child transmission.

³ 91% infected through mother to child transmission.

⁴ Among the total number of diagnosed children 243 are known to have died.