Public Health England

London
New HIV diagnoses
to end of December 2012

HIV/STI Department

Public Health England

in collaboration with

Health Protection Scotland

and the

UCL Institute of Child Health

Diagnoses to end of December 2012
Data received by 15th January 2013

No. 2:2012

PHE Centre level HIV/AIDS diagnoses tables

As of 1st April 2013 the Health Protection Agency (HPA) has been incorporated into Public Health England (PHE) as the Centre for Infectious Disease Surveillance and Control (CIDSC).

Data Security and Confidentiality
To ensure the highest level of data security and confidentiality, data forwarded to PHE 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 data on infectious disease are collected and how information about individuals is used whilst maintaining confidentiality is available at:

http://www.hpa.org.uk/Topics/InfectiousDiseases/InfectionsAZ/Surveillance/SurveillanceAndConfidentiality/

These tables are updated every six months and made available on the following webpage:
http://www.hpa.org.uk/web/HPAweb&Page&HPAwebAutoListName/Page/1201094588891

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:

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, PHE and to Health Protection Scotland.

Paediatric data compiled at the University College London (UCL) Institute of Child Health (Tel: 020 7905 2815) 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, PHE receives reports from the Channel Islands and Isle of Man. England is subdivided on the basis of the PHE Centres (April 2013).

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;
Public Health England. New HIV Diagnoses data to end December 2012. Tables No. 2:2012.

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

5th April 2013

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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 December 2012

Report type and sex		1996 or earlier	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
HIV diagnoses	Men	16,889	1,335	1,283	1,332	1,465	1,730	1,816	1,966	2,011	2,007	1,948	2,047	2,013	2,010	1,911	1,916	2,063	45,742
	Women	2,955	466	513	723	916	1,087	1,201	1,308	1,267	1,246	1,155	977	1,016	828	809	690	754	17,911
Total [1]		***19,874***	***1,802***	***1,797***	***2,056***	***2,381***	***2,817***	***3,017***	***3,274***	***3,278***	***3,253***	***3,103***	***3,024***	***3,029***	***2,838***	***2,720***	***2,606***	***2,817***	***63,686***
First AIDS diagnoses	Men	8,203	510	357	290	315	240	241	211	208	218	167	159	184	145	161	85	60	11,754
	Women	947	137	123	128	150	143	176	183	164	127	146	104	129	77	86	49	33	2,902
Total [1]		***9,150***	***647***	***480***	***418***	***465***	***383***	***417***	***394***	***372***	***345***	***313***	***263***	***313***	***222***	***247***	***134***	***93***	***14,656***
Deaths [2]	Men	6,284	277	195	167	169	138	159	163	144	176	138	171	145	148	176	121	113	8,884
	Women	544	69	43	44	51	62	46	69	67	48	67	61	48	67	70	55	36	1,447
Total		***6,828***	***346***	***238***	***211***	***220***	***200***	***205***	***232***	***211***	***224***	***205***	***232***	***193***	***215***	***246***	***176***	***149***	***10,331***

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 33 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 December 2012

Exposure category and sex		1996 or earlier	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Sex between men [1]		**13431**	**942**	**868**	**842**	**929**	**1049**	**1074**	**1133**	**1193**	**1239**	**1215**	**1285**	**1164**	**1195**	**1194**	**1229**	**1307**	**31289**
Heterosexual contact	Men	1676	274	317	398	440	569	627	700	679	635	571	594	558	495	460	403	318	9714
	Women	2227	401	450	652	844	1033	1119	1209	1169	1161	1049	870	903	714	669	551	533	15554
Sub total [2]		**3907**	**675**	**768**	**1050**	**1284**	**1602**	**1746**	**1909**	**1848**	**1796**	**1620**	**1464**	**1461**	**1209**	**1129**	**954**	**851**	**25273**
Injecting drug use	Men	813	56	45	34	39	44	54	50	53	46	64	49	44	34	24	26	20	1495
	Women	429	26	22	19	17	17	12	21	16	21	29	28	14	12	14	7	7	711
Sub total		**1242**	**82**	**67**	**53**	**56**	**61**	**66**	**71**	**69**	**67**	**93**	**77**	**58**	**46**	**38**	**33**	**27**	**2206**
Mother to infant [3]	Boys/ Men	156	38	36	34	36	33	30	38	29	31	22	18	22	17	15	18	10	583
	Girls/ Women	165	28	33	37	30	21	33	38	42	29	32	24	23	24	25	18	9	611
Sub total [2]		**322**	**67**	**69**	**71**	**66**	**54**	**63**	**76**	**71**	**60**	**54**	**42**	**45**	**41**	**40**	**36**	**19**	**1196**
Recipient of blood/ tissue products [4]	Men	384	8	0	7	8	5	10	8	7	5	6	7	3	4	2	1	2	467
	Women	70	4	3	10	8	5	10	8	10	6	8	4	4	3	4	1	3	161
Sub total		**454**	**12**	**3**	**17**	**16**	**10**	**20**	**16**	**17**	**11**	**14**	**11**	**7**	**7**	**6**	**2**	**5**	**628**
Other	Men	5	3	2	3	3	0	2	1	2	0	0	2	1	4	2	1	1	32
	Women	9	0	0	2	2	0	3	2	4	3	2	6	5	4	5	2	0	49
Sub total		**14**	**3**	**2**	**5**	**5**	**0**	**5**	**3**	**6**	**3**	**2**	**8**	**6**	**8**	**7**	**3**	**1**	**81**
Undetermined	Men	424	14	15	14	10	30	19	36	48	51	70	92	221	261	214	238	405	2162
	Women	55	7	5	3	15	11	24	30	26	26	35	45	67	71	92	111	202	825
Sub total [2]		**504**	**21**	**20**	**18**	**25**	**41**	**43**	**66**	**74**	**77**	**105**	**137**	**288**	**332**	**306**	**349**	**607**	**3013**
Total [2]		**19874**	**1802**	**1797**	**2056**	**2381**	**2817**	**3017**	**3274**	**3278**	**3253**	**3103**	**3024**	**3029**	**2838**	**2720**	**2606**	**2817**	**63,686**

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 (33 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 England

By year of diagnosis and age group

Data to the end of December 2012

Age at diagnosis	1996 or earlier	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Cumulative total
<15	388	70	71	74	70	55	67	73	73	61	46	39	37	27	25	26	10	1,212
15-19	305	15	26	14	39	45	49	56	83	67	57	65	56	42	51	38	47	1,055
20-24	2,324	142	126	159	198	226	259	276	262	283	252	267	254	240	241	208	249	5,966
25-29	4,854	387	375	403	478	559	579	569	610	604	547	525	505	456	449	440	481	12,821
30-34	4,480	478	491	557	600	754	711	795	676	734	705	586	609	526	460	464	483	14,109
35-39	2,968	351	359	445	467	551	670	679	682	603	587	593	539	507	481	449	465	11,396
40-44	1,944	169	156	191	235	297	319	433	469	406	440	426	438	416	408	371	430	7,548
45-49	1,119	87	81	92	129	128	172	189	211	236	227	267	287	292	296	270	294	4,377
50-54	572	53	58	49	75	104	100	90	110	106	106	109	139	158	138	166	159	2,292
55+	608	50	52	71	90	98	91	114	102	153	136	147	165	174	171	174	199	2,595
Not reported	312	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	315
Total	**19,874**	**1,802**	**1,797**	**2,056**	**2,381**	**2,817**	**3,017**	**3,274**	**3,278**	**3,253**	**3,103**	**3,024**	**3,029**	**2,838**	**2,720**	**2,606**	**2,817**	**63,686**

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, 1995-2012 [1]

Data to the end of December 2012

Ethnicity		1996 and earlier	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Cumulative total
White	Men	1,987	906	841	804	826	931	953	1,004	1,034	1,069	1,120	1,181	1,163	1,184	1,008	1,080	1,109	18,200
	Women	213	77	87	81	72	81	80	100	103	126	97	115	112	103	114	87	92	1,740
Sub total		***2,200***	***983***	***928***	***885***	***898***	***1,012***	***1,033***	***1,104***	***1,137***	***1,195***	***1,217***	***1,296***	***1,275***	***1,287***	***1,122***	***1,167***	***1,201***	***19,940***
Black-African	Men	400	229	264	315	374	504	549	595	579	516	426	431	369	331	318	285	225	6,710
	Women	544	326	386	565	741	896	962	1,019	970	927	849	678	706	514	486	405	314	11,288
Sub total [2]		***944***	***555***	***651***	***880***	***1,115***	***1,400***	***1,511***	***1,614***	***1,549***	***1,443***	***1,275***	***1,109***	***1,075***	***845***	***804***	***690***	***539***	***17,999***
Black-Caribbean		96	65	59	108	118	160	185	219	172	189	164	154	166	169	136	112	93	2,365
Other/Mixed [2]		309	171	147	164	209	202	233	286	353	368	398	386	425	399	441	351	521	5,363
Not reported [2]		121	28	12	19	41	43	55	51	67	58	49	79	88	138	217	286	463	1,815
Total [2]		**3,670**	**1,802**	**1,797**	**2,056**	**2,381**	**2,817**	**3,017**	**3,274**	**3,278**	**3,253**	**3,103**	**3,024**	**3,029**	**2,838**	**2,720**	**2,606**	**2,817**	**47,482**

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 3 with sex not stated on report.

New HIV diagnoses in London

By year of diagnosis and region of birth[1] , 2001-2012

Region of birth	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
UK	499	407	479	506	549	682	638	710	772	686	718	379	7,025
Rest of Europe	158	142	145	169	226	251	277	362	376	364	411	224	3,105
Africa	1,037	1,180	1,242	1,186	1,188	1,128	971	976	859	799	749	473	11,788
Asia	41	39	57	62	76	98	110	118	114	155	122	92	1,084
Other	142	144	175	197	229	248	251	321	340	271	308	153	2,779
Not reported	***940***	***1,105***	***1,176***	***1,158***	***985***	***696***	***777***	***542***	***377***	***445***	***298***	***1,496***	***9,995***
Total	**2,817**	**3,017**	**3,274**	**3,278**	**3,253**	**3,103**	**3,024**	**3,029**	**2,838**	**2,720**	**2,606**	**2,817**	**35,776**

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] Reporting of country of birth improved significantly from 2001 onwards