Public Health England

South East 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 South East 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	2,200	193	231	301	280	359	437	405	379	394	405	404	412	417	416	401	388	8,022
	Women	585	94	152	201	242	294	333	339	344	314	323	240	269	216	237	236	229	4,648
Total [1]		***2,786***	***287***	***383***	***502***	***522***	***653***	***770***	***744***	***723***	***708***	***728***	***644***	***681***	***633***	***653***	***637***	***617***	***12,671***
First AIDS diagnoses	Men	948	84	71	54	65	62	83	72	39	64	36	39	61	38	54	39	21	1,830
	Women	185	30	33	32	40	42	54	47	46	41	40	21	44	27	27	23	17	749
Total		***1,133***	***114***	***104***	***86***	***105***	***104***	***137***	***119***	***85***	***105***	***76***	***60***	***105***	***65***	***81***	***62***	***38***	***2,579***
Deaths [2]	Men	750	35	35	40	37	41	32	43	29	33	34	31	36	24	43	31	26	1,300
	Women	106	21	10	11	9	19	15	19	21	12	19	11	15	13	20	13	12	346
Total		***856***	***56***	***45***	***51***	***46***	***60***	***47***	***62***	***50***	***45***	***53***	***42***	***51***	***37***	***63***	***44***	***38***	***1,646***

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 1 HIV report with sex not stated.
[2] Includes all deaths in HIV diagnosed individuals.

New HIV diagnoses in South East 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]		**1567**	**108**	**129**	**167**	**164**	**172**	**213**	**179**	**169**	**190**	**231**	**210**	**250**	**240**	**223**	**237**	**185**	**4634**
Heterosexual contact	Men	312	62	78	114	98	144	188	183	177	175	141	161	128	123	118	119	88	2409
	Women	462	84	135	185	225	277	314	314	321	292	308	218	247	194	194	199	183	4152
Sub total		**775**	**146**	**213**	**299**	**323**	**421**	**502**	**497**	**498**	**467**	**449**	**379**	**375**	**317**	**312**	**318**	**271**	**6562**
Injecting drug use	Men	151	12	11	10	7	14	17	22	13	14	21	10	8	13	4	4	3	334
	Women	77	3	11	4	2	4	1	6	7	9	7	4	3	3	3	1	0	145
Sub total		**228**	**15**	**22**	**14**	**9**	**18**	**18**	**28**	**20**	**23**	**28**	**14**	**11**	**16**	**7**	**5**	**3**	**479**
Mother to infant	Boys/ Men	17	5	8	4	6	7	4	5	4	5	2	3	7	4	3	2	3	89
	Girls/ Women	27	5	4	8	4	2	5	5	10	3	4	2	7	1	6	5	0	98
Sub total		**44**	**10**	**12**	**12**	**10**	**9**	**9**	**10**	**14**	**8**	**6**	**5**	**14**	**5**	**9**	**7**	**3**	**187**
Recipient of blood/ tissue products [2]	Men	111	1	0	2	1	2	2	1	1	4	1	3	0	1	0	1	0	131
	Women	11	2	2	2	1	4	1	4	3	2	1	2	1	0	0	0	0	36
Sub total		**122**	**3**	**2**	**4**	**2**	**6**	**3**	**5**	**4**	**6**	**2**	**5**	**1**	**1**	**0**	**1**	**0**	**167**
Other	Men	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	5
	Women	0	0	0	0	0	0	1	0	0	3	0	1	2	1	0	1	0	9
Sub total		**1**	**1**	**0**	**0**	**1**	**0**	**2**	**1**	**0**	**3**	**0**	**1**	**2**	**1**	**0**	**1**	**0**	**14**
Undetermined	Men	41	4	5	4	3	20	12	14	15	6	9	17	19	36	68	38	109	420
	Women	8	0	0	2	10	7	11	10	3	5	3	13	9	17	34	30	46	208
		49	**4**	**5**	**6**	**13**	**27**	**23**	**24**	**18**	**11**	**12**	**30**	**28**	**53**	**102**	**68**	**155**	**628**
Total		**2786**	**287**	**383**	**502**	**522**	**653**	**770**	**744**	**723**	**708**	**728**	**644**	**681**	**633**	**653**	**637**	**617**	**12,671**

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 95 men who also reported injecting drug use.
[2] Includes 1 individual with sex not reported
[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 South East London

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	Total
<15	63	11	12	12	11	10	9	11	13	8	5	7	12	5	4	5	3	201
15-19	56	6	7	6	7	11	16	11	30	14	10	13	9	8	12	12	8	236
20-24	383	26	41	46	52	55	73	73	60	61	52	60	51	49	50	45	47	1,224
25-29	755	57	85	110	103	139	166	137	131	135	143	106	99	94	109	99	94	2,562
30-34	624	77	111	141	131	175	200	183	141	158	171	127	142	125	105	106	113	2,830
35-39	411	59	68	93	105	115	156	158	161	144	147	134	129	114	128	103	119	2,344
40-44	199	21	29	41	58	65	64	89	98	79	100	97	113	96	101	100	94	1,444
45-49	115	13	10	23	24	32	40	40	48	46	47	53	63	62	75	73	64	828
50-54	66	7	8	13	15	28	24	23	18	25	19	18	23	37	34	46	36	440
55+	97	10	12	17	16	23	22	19	23	38	34	29	40	43	35	48	39	545
Not reported	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Total	**2,786**	**287**	**383**	**502**	**522**	**653**	**770**	**744**	**723**	**708**	**728**	**644**	**681**	**633**	**653**	**637**	**617**	**12,671**

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 South East 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	Total
White	Men	266	116	131	164	153	165	193	180	166	171	210	210	213	217	168	195	153	3,071
	Women	33	10	28	24	18	22	16	24	26	28	21	21	20	17	25	22	22	377
Sub total		***299***	***126***	***159***	***188***	***171***	***187***	***209***	***204***	***192***	***199***	***231***	***231***	***233***	***234***	***193***	***217***	***175***	***3,448***
Black-African	Men	91	53	67	84	79	125	167	140	150	146	112	124	100	82	92	82	66	1,760
	Women	131	73	116	156	198	241	272	267	268	236	251	173	203	132	154	135	111	3,117
Sub total		***222***	***126***	***183***	***240***	***277***	***366***	***439***	***407***	***418***	***382***	***363***	***297***	***303***	***214***	***246***	***217***	***177***	***4,877***
Black-Caribbean		31	13	20	41	40	66	71	77	55	62	39	35	43	44	35	30	29	731
Other/Mixed		32	21	18	28	24	29	34	45	55	60	89	69	87	96	105	86	106	984
Not reported		14	1	3	5	10	5	17	11	3	5	6	12	15	45	74	87	130	443
Total		**598**	**287**	**383**	**502**	**522**	**653**	**770**	**744**	**723**	**708**	**728**	**644**	**681**	**633**	**653**	**637**	**617**	**10,483**

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.

New HIV diagnoses in South East 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	99	104	128	122	127	150	134	157	155	120	151	149	1,596
Rest of Europe	32	32	37	39	46	56	56	68	65	72	69	55	627
Africa	275	338	331	344	295	326	273	286	221	261	254	198	3,402
Asia	5	6	8	11	12	16	12	8	16	23	12	16	145
Other	37	57	60	51	52	42	44	54	57	69	48	48	619
Not reported	205	233	180	156	176	138	125	108	119	108	103	151	1,802
Total	**653**	**770**	**744**	**723**	**708**	**728**	**644**	**681**	**633**	**653**	**637**	**617**	**8,191**

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