

**Men who have  
sex with men**



# **United Kingdom New HIV Diagnoses to end of December 2009**

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HIV/ STI department  
**Health Protection Agency Centre for Infections**

in collaboration with the

**Health Protection Scotland**

and the

**UCL Institute of Child Health**

Data received by the 15th January 2010  
Diagnoses to the end of December 2009

**No. 2:2009**

## **PREVENTION GROUP HIV/ AIDS DIAGNOSES TABLES**

These tables are updated every six months and made available on the Health Protection Agency (HPA) web site at: [HPA - New Diagnoses National Overview](#)

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/>

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

### **Data Security and Confidentiality**

To ensure the highest level of data security and confidentiality, data forwarded to the Centre for Infections does not contain patient names and in all cases surnames are replaced with a soundex code. 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 are submitted via the secure Internet Document Gateway or in a sealed confidential envelope and are stored and handled according to caldicott guidance.

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](http://www.hpa.org.uk/servlet/ContentServer?c=HPAweb_C&cid=1194947352367&pagename=HPAwebFile).

### **Data Sources**

HIV (and AIDS) is not a statutorily notifiable disease, data are completed from 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 Centre for Infections (HPA Cfl) and to Health Protection Scotland.
- ii) Paediatric data compiled at the UCL Institute of Child Health (Tel: 020-7829-8686) in collaboration with the HPA Cfl 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 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 used for AIDS surveillance in the UK. It does not include a CD4 cell count of less than 200 in an HIV infected person as AIDS defining.

**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 requested 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 Cfl 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](mailto: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](mailto:rtdata@unaids.org)  
<http://www.unaids.org/>.

## Citation

For citation purposes the following is suggested;

**"Health Protection Agency Centre for Infections, Health Protection Scotland and UCL Institute of Child Health. Unpublished HIV Diagnoses Surveillance SHA Tables No. 2:2009 Table ....."**

## Contacts

Enquiries regarding the tables should be directed to the staff of the HIV & STI department at the HPA Cfl, 020-8200-6868 ext 7455 or to Health Protection Scotland 0141-300-1100 or email [harsqueries@hpa.org.uk](mailto:harsqueries@hpa.org.uk) For additional paediatric tables please visit: <http://www.nshpc.ucl.ac.uk/>.

31<sup>st</sup> December 2009

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## New HIV diagnoses in the United Kingdom

New HIV & AIDS diagnoses & deaths among HIV infected men who have sex with men, by year of diagnosis or death and sex

Data to the end of December 2009

Report type and sex	1993 or earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Cumulative total
HIV diagnoses	15,468	1,692	1,685	1,682	1,474	1,414	1,431	1,566	1,774	1,943	2,121	2,421	2,653	2,601	2,828	2,530	2,126	47,409
First AIDS diagnoses	7,149	1,245	1,131	869	589	380	338	349	237	256	236	218	230	223	234	171	125	13,980
Deaths	5,165	1,176	1,110	908	394	245	227	222	187	206	198	163	218	202	211	200	158	11,190

*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 the United Kingdom

**By year, country and Strategic Health Authority (SHA) of first diagnosis among HIV infected men who have sex with men**

Data to end of December 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	Cumulative total
<b>ENGLAND</b>																		
North East	189	23	12	13	15	12	16	15	13	23	39	46	69	47	55	51	47	685
North West	885	121	126	135	95	117	143	145	215	199	242	299	296	300	267	284	188	4,057
Yorkshire and The Humber	430	45	46	48	36	30	37	38	68	72	72	105	96	90	127	124	92	1,556
East Midlands	265	34	26	33	19	22	36	25	46	47	36	58	61	81	76	66	38	969
West Midlands	430	47	66	49	69	62	58	71	61	82	103	118	140	169	172	151	112	1,960
East of England	309	31	52	36	36	35	41	44	42	68	74	102	87	98	115	92	79	1,341
London	10,300	1,022	1,066	1,028	932	873	835	920	1,025	1,076	1,130	1,182	1,263	1,233	1,305	1,115	1,022	27,327
South East Coast	787	118	98	116	97	80	82	120	93	139	149	152	184	183	203	180	134	2,915
South Central	418	45	21	49	27	26	31	41	52	47	59	57	87	90	114	117	70	1,351
South West	514	75	60	56	55	60	67	56	58	82	69	112	131	109	119	120	130	1,873
<b>ENGLAND (Total)</b>	<b>14,527</b>	<b>1,561</b>	<b>1,573</b>	<b>1,563</b>	<b>1,381</b>	<b>1,317</b>	<b>1,346</b>	<b>1,475</b>	<b>1,673</b>	<b>1,835</b>	<b>1,973</b>	<b>2,231</b>	<b>2,414</b>	<b>2,400</b>	<b>2,553</b>	<b>2,300</b>	<b>1,912</b>	<b>44,034</b>
<b>Wales</b>	<b>197</b>	<b>23</b>	<b>33</b>	<b>20</b>	<b>23</b>	<b>18</b>	<b>19</b>	<b>25</b>	<b>32</b>	<b>31</b>	<b>42</b>	<b>41</b>	<b>68</b>	<b>57</b>	<b>99</b>	<b>64</b>	<b>61</b>	<b>853</b>
<b>Northern Ireland</b>	<b>665</b>	<b>90</b>	<b>69</b>	<b>83</b>	<b>61</b>	<b>70</b>	<b>59</b>	<b>60</b>	<b>57</b>	<b>63</b>	<b>97</b>	<b>114</b>	<b>148</b>	<b>114</b>	<b>151</b>	<b>127</b>	<b>116</b>	<b>2,144</b>
<b>Scotland</b>	<b>63</b>	<b>12</b>	<b>9</b>	<b>13</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>5</b>	<b>12</b>	<b>14</b>	<b>8</b>	<b>35</b>	<b>21</b>	<b>27</b>	<b>24</b>	<b>39</b>	<b>37</b>	<b>339</b>
<b>Channel Islands and Isle of Man</b>	<b>16</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>38</b>
<b>UK TOTAL <sup>1</sup></b>	<b>15,468</b>	<b>1,692</b>	<b>1,685</b>	<b>1,682</b>	<b>1,474</b>	<b>1,414</b>	<b>1,431</b>	<b>1,566</b>	<b>1,774</b>	<b>1,943</b>	<b>2,121</b>	<b>2,421</b>	<b>2,653</b>	<b>2,601</b>	<b>2,828</b>	<b>2,530</b>	<b>2,126</b>	<b>47,409</b>

Will include some records of the same individuals which are unmatchable because of differences in information supplied.  
Numbers will rise as further reports are received, particularly for recent years.

<sup>1</sup> Includes 1 individual where region was not stated

## New HIV diagnoses in the United Kingdom

By age, country and Strategic Health Authority (SHA) of first diagnosis among HIV infected men who have sex with men

Data to the end of December 2009

## Diagnoses in 2008

Country and SHA of diagnosis	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55+	Cumulative total
<b>England</b>										
North East	1	3	9	9	5	11	8	1	4	51
North West	7	39	44	43	48	47	19	20	17	284
Yorkshire & Humberside	7	17	21	18	20	17	10	6	8	124
East Midlands	3	8	14	10	9	10	5	3	4	66
West Midlands	2	19	29	20	27	18	12	10	14	151
East of England	2	7	13	15	14	13	15	9	4	92
London	13	113	221	241	187	144	108	45	43	1,115
South East Coast	3	20	36	37	24	28	11	9	12	180
South Central	1	13	20	13	19	10	24	10	7	117
South West	3	9	15	24	15	22	13	5	14	120
<b>England Total</b>	<b>42</b>	<b>248</b>	<b>422</b>	<b>430</b>	<b>368</b>	<b>320</b>	<b>225</b>	<b>118</b>	<b>127</b>	<b>2,300</b>
<b>Wales</b>	<b>2</b>	<b>4</b>	<b>9</b>	<b>5</b>	<b>12</b>	<b>9</b>	<b>16</b>	<b>5</b>	<b>2</b>	<b>64</b>
<b>Scotland</b>	<b>1</b>	<b>14</b>	<b>31</b>	<b>16</b>	<b>25</b>	<b>18</b>	<b>13</b>	<b>5</b>	<b>4</b>	<b>127</b>
<b>Northern Ireland</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>7</b>	<b>5</b>	<b>6</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>39</b>
<b>Channel Islands and Isle of Man</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>UK Total</b>	<b>46</b>	<b>270</b>	<b>464</b>	<b>458</b>	<b>410</b>	<b>353</b>	<b>263</b>	<b>131</b>	<b>135</b>	<b>2,530</b>

## Diagnoses in 2009

Country and SHA of diagnosis	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55+	Cumulative total
<b>England</b>										
North East	1	7	9	7	9	5	6	1	2	47
North West	1	26	33	31	32	31	11	8	15	188
Yorkshire & Humberside	2	14	20	12	5	18	5	10	6	92
East Midlands	2	1	8	6	4	6	6	2	3	38
West Midlands	2	13	13	12	15	24	20	6	7	112
East of England	1	11	6	10	7	16	12	7	9	79
London	15	101	185	199	183	147	100	40	52	1,022
South East Coast	4	16	14	24	19	20	12	6	19	134
South Central	1	9	9	10	8	10	7	7	9	70
South West	3	12	13	16	17	28	12	16	13	130
<b>England Total</b>	<b>32</b>	<b>210</b>	<b>310</b>	<b>327</b>	<b>299</b>	<b>305</b>	<b>191</b>	<b>103</b>	<b>135</b>	<b>1,912</b>
<b>Wales</b>	<b>3</b>	<b>9</b>	<b>7</b>	<b>14</b>	<b>12</b>	<b>8</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>61</b>
<b>Scotland</b>	<b>2</b>	<b>15</b>	<b>21</b>	<b>19</b>	<b>24</b>	<b>17</b>	<b>11</b>	<b>4</b>	<b>3</b>	<b>116</b>
<b>Northern Ireland</b>	<b>2</b>	<b>4</b>	<b>8</b>	<b>6</b>	<b>7</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>37</b>
<b>Channel Islands and Isle of Man</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>UK Total</b>	<b>39</b>	<b>238</b>	<b>346</b>	<b>366</b>	<b>342</b>	<b>336</b>	<b>211</b>	<b>109</b>	<b>139</b>	<b>2,126</b>

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 the United Kingdom****Infected through sex between men by year of first diagnosis and age group****Data to the end of December 2009**

Age at diagnosis	1993 or earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Cumulative total
0-19 <sup>1</sup>	249	11	17	18	17	13	18	19	21	19	28	32	38	44	47	46	39	676
20-24	1,981	123	140	147	121	115	116	125	130	169	185	208	291	267	290	270	238	4,916
25-29	3,539	370	380	354	327	301	271	293	331	302	323	367	452	453	533	464	346	9,406
30-34	3,207	407	429	435	359	365	374	388	444	440	477	531	536	531	506	458	366	10,253
35-39	2,499	279	290	278	287	279	301	329	374	472	459	507	504	484	552	410	342	8,646
40-44	1,813	219	163	194	135	127	155	174	215	234	303	373	350	407	393	353	336	5,944
44-49	1,020	139	133	124	94	80	78	108	121	125	145	194	244	201	235	263	211	3,515
50-54	541	64	67	57	61	62	49	59	69	98	88	109	114	98	131	131	109	1,907
55+	473	80	64	73	73	70	69	71	69	84	113	100	124	116	141	135	139	1,994
Not reported	146	0	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	152
<b>Total</b>	<b>15,468</b>	<b>1,692</b>	<b>1,685</b>	<b>1,682</b>	<b>1,474</b>	<b>1,414</b>	<b>1,431</b>	<b>1,566</b>	<b>1,774</b>	<b>1,943</b>	<b>2,121</b>	<b>2,421</b>	<b>2,653</b>	<b>2,601</b>	<b>2,828</b>	<b>2,530</b>	<b>2,126</b>	<b>47,409</b>

*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.*

<sup>1</sup> Includes 2 individuals who were under 15 years at diagnosis

**New HIV diagnoses in the United Kingdom****By year and ethnicity among HIV infected men who have sex with men**<sup>1</sup>

Data to end December 2009

Ethnicity	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Cumulative total
White	1,436	1,436	1,260	1,237	1,233	1,313	1,496	1,625	1,781	2,037	2,207	2,195	2,359	2,016	719	24,350
Black-African	20	12	10	24	16	35	32	43	55	52	57	46	59	49	17	527
Black-Caribbean	29	29	40	35	48	42	61	84	71	53	62	60	54	48	24	740
Other/Mixed	74	96	109	92	98	121	137	143	179	231	252	252	262	241	88	2,375
Not reported	131	98	57	34	42	64	67	54	41	64	59	28	51	79	39	908
<b>Total</b>	<b>1,690</b>	<b>1,671</b>	<b>1,476</b>	<b>1,422</b>	<b>1,437</b>	<b>1,575</b>	<b>1,793</b>	<b>1,949</b>	<b>2,127</b>	<b>2,437</b>	<b>2,637</b>	<b>2,581</b>	<b>2,785</b>	<b>2,433</b>	<b>887</b>	<b>28,900</b>

*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.*

<sup>1</sup> Ethnicity on HIV diagnoses has been collected since 1995.