

**Men who have  
sex with men**



# **United Kingdom New HIV Diagnoses to end of June 2011**

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HIV/STI Department  
**Health Protection Agency**

in collaboration with the

**Health Protection Scotland**

and the

**UCL Institute of Child Health**

Diagnoses to the end of June 2011  
Data received by the 15th July 2011

**No. 1:2011**

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

### **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 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. A program to generate these is available on the document gateway. Data is submitted via the secure Internet Document Gateway or in a sealed confidential envelope. 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](http://www.hpa.org.uk/servlet/ContentServer?c=HPAweb_C&cid=1194947352367&pagename=HPAwebFile) or you can request copies from [caldicott@hpa.org.uk](mailto: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)** (formally CDR) available on the HPA web site at: <http://www.hpa.org.uk/hpr/>

### **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 CfI) 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 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 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 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.

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. 1:2011 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](mailto:harsqueries@hpa.org.uk) For additional paediatric tables please visit: <http://www.nshpc.ucl.ac.uk/>.

04<sup>TH</sup> March 2011

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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

Data to 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
<b>HIV diagnoses</b>	18,862	1,673	1,480	1,415	1,429	1,573	1,793	1,958	2,134	2,417	2,618	2,594	2,812	2,624	2,572	2,704	1,053	51,711
<b>First AIDS diagnoses</b>	9,536	867	588	382	341	350	240	262	241	228	238	239	247	214	179	190	58	14,400
<b>Deaths</b>	7,432	902	397	245	230	224	193	213	201	171	223	219	240	232	233	268	59	11,682

*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 men who have sex with men

Data to end of June 2011

Country and SHA of diagnosis	1995 or earlier	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Cumulative total
<b>ENGLAND</b>																		
North East	224	14	14	12	16	15	13	23	39	46	69	45	57	51	55	59	21	773
North West	1,131	134	95	119	144	145	213	204	244	299	296	306	267	289	268	244	81	4,479
Yorkshire and The Humber	521	49	36	32	37	37	72	75	70	102	96	90	126	132	119	132	29	1,755
East Midlands	327	32	21	21	35	25	47	46	36	59	61	79	80	74	70	83	19	1,115
West Midlands	543	49	68	62	58	72	62	83	101	118	141	171	175	159	145	165	56	2,228
East of England	392	35	36	38	40	45	41	66	75	99	86	102	114	90	90	116	40	1,505
London	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
South East Coast	1,007	119	95	82	80	118	95	139	152	151	184	179	191	182	158	184	79	3,195
South Central	485	49	26	26	32	41	53	48	60	56	85	86	113	120	86	111	34	1,511
South West	661	55	56	60	68	56	58	82	70	111	126	108	119	122	161	121	63	2,097
<b>ENGLAND (Total)</b>	<b>17,666</b>	<b>1,554</b>	<b>1,384</b>	<b>1,319</b>	<b>1,345</b>	<b>1,470</b>	<b>1,689</b>	<b>1,841</b>	<b>1,976</b>	<b>2,218</b>	<b>2,382</b>	<b>2,385</b>	<b>2,539</b>	<b>2,386</b>	<b>2,315</b>	<b>2,457</b>	<b>948</b>	<b>47,874</b>
<b>Wales</b>	<b>255</b>	<b>20</b>	<b>23</b>	<b>18</b>	<b>19</b>	<b>25</b>	<b>32</b>	<b>30</b>	<b>42</b>	<b>40</b>	<b>63</b>	<b>57</b>	<b>94</b>	<b>62</b>	<b>78</b>	<b>62</b>	<b>30</b>	<b>950</b>
<b>Northern Ireland</b>	<b>86</b>	<b>12</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>6</b>	<b>11</b>	<b>15</b>	<b>9</b>	<b>35</b>	<b>20</b>	<b>27</b>	<b>25</b>	<b>41</b>	<b>38</b>	<b>53</b>	<b>18</b>	<b>416</b>
<b>Scotland</b>	<b>832</b>	<b>84</b>	<b>64</b>	<b>69</b>	<b>58</b>	<b>71</b>	<b>61</b>	<b>72</b>	<b>106</b>	<b>124</b>	<b>151</b>	<b>118</b>	<b>151</b>	<b>134</b>	<b>139</b>	<b>129</b>	<b>54</b>	<b>2,417</b>
<b>Channel Islands and Isle of Man</b>	<b>22</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>4</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>48</b>
<b>UK TOTAL <sup>1</sup></b>	<b>18,862</b>	<b>1,673</b>	<b>1,480</b>	<b>1,415</b>	<b>1,429</b>	<b>1,573</b>	<b>1,793</b>	<b>1,958</b>	<b>2,134</b>	<b>2,417</b>	<b>2,618</b>	<b>2,594</b>	<b>2,812</b>	<b>2,624</b>	<b>2,572</b>	<b>2,704</b>	<b>1,053</b>	<b>51,711</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 6 HIV diagnoses of individuals with Region not reported (The majority of which are in earlier years).

## New HIV diagnoses in the United Kingdom

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

Data to end of June 2011

## Diagnoses in 2010

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	3	7	7	10	7	9	7	5	4	59
North West	4	28	43	44	31	36	23	19	16	244
Yorkshire & Humberside	1	15	17	17	23	28	17	3	11	132
East Midlands	4	15	18	7	11	6	9	7	6	83
West Midlands	1	11	28	35	22	27	19	12	10	165
East of England	5	18	17	18	18	19	11	5	5	116
London	15	119	267	218	233	174	120	40	56	1,242
South East Coast	7	13	35	25	27	32	24	15	6	184
South Central	2	11	14	18	20	21	9	3	13	111
South West	3	8	13	12	19	20	15	12	19	121
<b>England Total</b>	<b>45</b>	<b>245</b>	<b>459</b>	<b>404</b>	<b>411</b>	<b>372</b>	<b>254</b>	<b>121</b>	<b>146</b>	<b>2,457</b>
<b>Wales</b>	<b>4</b>	<b>10</b>	<b>9</b>	<b>7</b>	<b>10</b>	<b>10</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>62</b>
<b>Northern Ireland</b>	<b>0</b>	<b>12</b>	<b>21</b>	<b>21</b>	<b>19</b>	<b>26</b>	<b>12</b>	<b>10</b>	<b>8</b>	<b>129</b>
<b>Scotland</b>	<b>0</b>	<b>9</b>	<b>12</b>	<b>8</b>	<b>5</b>	<b>7</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>53</b>
<b>Channel Islands and Isle of Man</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>
<b>UK Total</b>	<b>49</b>	<b>276</b>	<b>502</b>	<b>440</b>	<b>446</b>	<b>415</b>	<b>282</b>	<b>135</b>	<b>159</b>	<b>2,704</b>

## Diagnoses in 2011

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	0	2	3	2	3	4	6	1	0	21
North West	4	9	18	11	12	10	6	4	7	81
Yorkshire & Humberside	1	5	4	4	4	4	4	2	1	29
East Midlands	0	3	3	3	2	5	2	1	0	19
West Midlands	1	4	11	9	11	11	5	1	3	56
East of England	4	7	3	5	5	4	4	4	4	40
London	8	59	117	112	83	70	39	18	20	526
South East Coast	3	6	14	13	13	15	5	3	7	79
South Central	0	7	3	6	6	3	4	3	2	34
South West	1	9	7	13	9	7	8	3	6	63
<b>England Total</b>	<b>22</b>	<b>111</b>	<b>183</b>	<b>178</b>	<b>148</b>	<b>133</b>	<b>83</b>	<b>40</b>	<b>50</b>	<b>948</b>
<b>Wales</b>	<b>1</b>	<b>5</b>	<b>8</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>30</b>
<b>Northern Ireland</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>18</b>
<b>Scotland</b>	<b>0</b>	<b>5</b>	<b>7</b>	<b>8</b>	<b>16</b>	<b>9</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>54</b>
<b>Channel Islands and Isle of Man</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>
<b>UK Total</b>	<b>23</b>	<b>122</b>	<b>201</b>	<b>196</b>	<b>170</b>	<b>147</b>	<b>88</b>	<b>49</b>	<b>57</b>	<b>1,053</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**  
**by year of first diagnosis and age group among men who have sex with men**

Data to 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
0-19 <sup>1</sup>	292	18	19	15	15	20	20	23	28	33	38	44	48	47	46	49	23	778
20-24	2,244	144	121	115	117	127	134	170	189	212	288	268	288	281	280	276	122	5,376
25-29	4,298	356	326	301	266	299	335	303	320	368	442	441	526	483	412	502	201	10,179
30-34	4,040	433	362	364	374	390	445	444	482	521	528	533	505	477	451	440	196	10,985
35-39	3,065	273	287	281	306	328	381	477	465	506	493	480	550	426	426	446	170	9,360
40-44	2,198	196	136	125	156	172	214	234	302	373	352	402	397	362	401	415	147	6,582
44-49	1,290	122	94	79	78	107	123	126	146	195	244	209	231	278	252	282	88	3,944
50-54	672	56	61	63	48	58	72	96	88	108	112	101	129	130	137	135	49	2,115
55+	616	73	74	70	69	72	69	85	114	101	121	116	138	140	167	159	57	2,241
Not reported	147	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	151
<b>Total</b>	<b>18,862</b>	<b>1,673</b>	<b>1,480</b>	<b>1,415</b>	<b>1,429</b>	<b>1,573</b>	<b>1,793</b>	<b>1,958</b>	<b>2,134</b>	<b>2,417</b>	<b>2,618</b>	<b>2,594</b>	<b>2,812</b>	<b>2,624</b>	<b>2,572</b>	<b>2,704</b>	<b>1,053</b>	<b>51,711</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 1 individuals who were under 15 years at diagnosis

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

Data to 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	1,476	1,478	1,291	1,245	1,248	1,338	1,522	1,657	1,799	2,051	2,234	2,222	2,419	2,223	2,167	2,196	854	29,420
Black-African	28	20	14	23	19	36	38	46	56	53	59	49	61	53	50	67	19	691
Black-Caribbean	30	31	40	36	47	44	62	85	70	51	60	62	53	59	74	45	10	859
Other/Mixed	77	100	109	94	99	125	139	143	179	231	241	247	262	270	248	344	131	3,039
Not reported	79	44	26	17	16	30	32	27	30	31	24	14	17	19	33	52	39	530
<b>Total</b>	<b>1,690</b>	<b>1,673</b>	<b>1,480</b>	<b>1,415</b>	<b>1,429</b>	<b>1,573</b>	<b>1,793</b>	<b>1,958</b>	<b>2,134</b>	<b>2,417</b>	<b>2,618</b>	<b>2,594</b>	<b>2,812</b>	<b>2,624</b>	<b>2,572</b>	<b>2,704</b>	<b>1,053</b>	<b>34,539</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.