

**Men who have  
sex with men**



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

---

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 December 2011  
Data received by the 15th January 2012

**No. 2:2011**

# HIV/AIDS Diagnoses

## **HIV**

The following supplementary tables show data for HIV diagnoses from laboratories (since 1984) and clinicians (since 2000), with death reports supplemented by mortality records from the Office for National Statistics and the General Register Office for Scotland. Reports are collated by the HIV and STI Department, Health Protection Agency Centre for Infections and by Health Protection Scotland. Paediatric data are compiled at the UCL Institute of Child Health, London. Reports regarded as relating to the same individual are merged to form a single record.

## **Definitions**

- **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. Individuals must have one or more of the recognised AIDS defining illnesses.
- **Death in an HIV-infected individual:** these include AIDS and non AIDS related deaths.
- **Date of HIV diagnosis:** taken to be the date of the first HIV defining event for an individual in the UK (e.g. a HIV test or a diagnosis of AIDS).
- **Assignment of region/SHA:** data refer to the region/SHA where the individual was first diagnosed with HIV. If a person has been tested in and reported from more than one region/SHA they will only appear in the figures for the region/SHA where they were first diagnosed.

## **Reporting delay, under-reporting and ascertainment bias**

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. Numbers, particularly for the most recent year, will rise as further reports are received. Re-categorisation from 'undetermined' to other infection routes will also occur as follow-up continues. Reporting is voluntary and numbers are subject to under-reporting.

## **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.

Where exposure to HIV infection is through sex between men, there may be some individuals who also injected drugs.

## **Ethnicity data**

Information about patients' ethnicity has been requested on the AIDS case report since the beginning of surveillance. Ethnicity has been collected on laboratory reports of HIV diagnoses since 1995 and on clinical HIV reports since 2000.

## **Country of birth data**

Patients' country of birth has only been collected since clinical HIV reporting commenced in 2000.

## **Confidentiality and ethics**

Reports of HIV diagnoses are voluntary and confidential. To maintain patient confidentiality no names are held; soundex codes are used to eliminate duplicate reports of the same individual. All data are stored on restricted and secure databases, with strict adherence to the Data Protection Act and Caldicott Guidelines. The reporting systems in E,W&NI have approval under the section 60 regulations of the Health and Social Care Act 2001 (Statutory Instrument 1438 – June 2002).

## **Index of Tables**

### **New HIV diagnoses in the United Kingdom**

- 1** New HIV & AIDS diagnoses & deaths among HIV infected men who have sex with men, by year of diagnosis or death
- 2** New HIV diagnoses by year, country and Strategic Health Authority (SHA) of first diagnosis among men who have sex with men
- 3** New HIV diagnoses by age, country and Strategic Health Authority (SHA) of first diagnosis among men who have sex with men
- 4** New HIV diagnoses by year of first diagnosis and age group among men who have sex with men
- 5** New HIV diagnoses by year and ethnicity among men who have sex with men

**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 December 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>	18,843	1,677	1,485	1,420	1,433	1,573	1,791	1,955	2,137	2,421	2,609	2,598	2,811	2,640	2,612	2,681	2,475	53,161
<b>First AIDS diagnoses</b>	9,524	866	587	382	344	351	242	264	244	228	242	239	247	221	183	193	118	14,475
<b>Deaths</b>	7,408	904	396	245	230	222	192	214	198	171	220	218	239	232	218	192	132	11,631

*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 December 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	223	13	14	12	17	15	12	23	40	46	69	46	57	50	55	58	48	798
North West	1,134	134	93	119	144	146	211	206	245	299	294	306	268	291	274	243	171	4,578
Yorkshire and The Humber	523	49	36	32	39	37	72	76	72	102	96	89	126	134	123	125	102	1,833
East Midlands	326	32	21	21	36	25	47	47	36	60	61	79	80	75	70	82	58	1,156
West Midlands	543	50	68	61	57	72	63	85	102	121	144	171	179	165	144	166	120	2,311
East of England	394	36	38	38	40	45	39	66	76	100	84	103	112	91	91	115	95	1,563
London	12,401	1,025	944	869	841	920	1,038	1,072	1,133	1,181	1,236	1,230	1,301	1,178	1,198	1,241	1,244	30,052
South East Coast	1,013	119	95	84	80	118	93	139	153	151	186	178	191	182	158	177	177	3,294
South Central	487	49	26	26	31	41	53	49	59	59	86	86	111	118	88	111	71	1,551
South West	657	56	56	60	66	56	60	82	71	111	126	107	119	123	159	117	131	2,157
<b>ENGLAND (Total)</b>	<b>17,701</b>	<b>1,563</b>	<b>1,391</b>	<b>1,322</b>	<b>1,351</b>	<b>1,475</b>	<b>1,688</b>	<b>1,845</b>	<b>1,987</b>	<b>2,230</b>	<b>2,382</b>	<b>2,395</b>	<b>2,544</b>	<b>2,407</b>	<b>2,360</b>	<b>2,435</b>	<b>2,217</b>	<b>49,293</b>
<b>Wales</b>	<b>256</b>	<b>21</b>	<b>23</b>	<b>18</b>	<b>18</b>	<b>27</b>	<b>32</b>	<b>30</b>	<b>42</b>	<b>39</b>	<b>62</b>	<b>57</b>	<b>93</b>	<b>62</b>	<b>79</b>	<b>60</b>	<b>75</b>	<b>994</b>
<b>Northern Ireland</b>	<b>85</b>	<b>12</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>11</b>	<b>15</b>	<b>9</b>	<b>35</b>	<b>19</b>	<b>27</b>	<b>25</b>	<b>41</b>	<b>39</b>	<b>53</b>	<b>45</b>	<b>443</b>
<b>Scotland</b>	<b>778</b>	<b>78</b>	<b>62</b>	<b>71</b>	<b>57</b>	<b>63</b>	<b>59</b>	<b>65</b>	<b>98</b>	<b>117</b>	<b>144</b>	<b>112</b>	<b>146</b>	<b>129</b>	<b>132</b>	<b>131</b>	<b>133</b>	<b>2,375</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>5</b>	<b>50</b>
<b>UK TOTAL <sup>1</sup></b>	<b>18,843</b>	<b>1,677</b>	<b>1,485</b>	<b>1,420</b>	<b>1,433</b>	<b>1,573</b>	<b>1,791</b>	<b>1,955</b>	<b>2,137</b>	<b>2,421</b>	<b>2,609</b>	<b>2,598</b>	<b>2,811</b>	<b>2,640</b>	<b>2,612</b>	<b>2,681</b>	<b>2,475</b>	<b>53,161</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 December 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	8	8	7	9	7	5	4	58
North West	4	27	44	44	32	35	23	18	16	243
Yorkshire & Humberside	1	15	15	16	23	28	14	3	10	125
East Midlands	4	15	19	6	11	6	9	7	5	82
West Midlands	1	12	27	35	22	26	18	13	12	166
East of England	5	18	17	18	18	19	10	5	5	115
London	19	129	265	212	229	171	123	34	59	1,241
South East Coast	7	14	34	25	26	31	22	13	5	177
South Central	2	13	14	16	20	21	9	3	13	111
South West	3	8	13	11	20	18	15	10	19	117
<b>England Total</b>	<b>49</b>	<b>258</b>	<b>456</b>	<b>391</b>	<b>408</b>	<b>364</b>	<b>250</b>	<b>111</b>	<b>148</b>	<b>2,435</b>
<b>Wales</b>	<b>4</b>	<b>10</b>	<b>9</b>	<b>8</b>	<b>8</b>	<b>10</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>60</b>
<b>Northern Ireland</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>Scotland</b>	<b>0</b>	<b>15</b>	<b>22</b>	<b>21</b>	<b>18</b>	<b>26</b>	<b>12</b>	<b>10</b>	<b>7</b>	<b>131</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>53</b>	<b>292</b>	<b>500</b>	<b>428</b>	<b>439</b>	<b>407</b>	<b>277</b>	<b>125</b>	<b>160</b>	<b>2,681</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	9	10	7	5	7	7	3	0	48
North West	8	18	34	34	28	19	13	7	10	171
Yorkshire & Humberside	5	19	12	15	18	13	10	6	4	102
East Midlands	0	8	6	12	5	10	9	3	5	58
West Midlands	2	10	21	16	20	26	14	5	6	120
East of England	6	17	11	10	13	8	16	9	5	95
London	12	122	276	257	199	165	117	41	55	1,244
South East Coast	7	19	27	28	22	37	16	6	15	177
South Central	1	13	11	14	8	7	6	6	5	71
South West	3	24	17	21	17	14	18	6	11	131
<b>England Total</b>	<b>44</b>	<b>259</b>	<b>425</b>	<b>414</b>	<b>335</b>	<b>306</b>	<b>226</b>	<b>92</b>	<b>116</b>	<b>2,217</b>
<b>Wales</b>	<b>1</b>	<b>14</b>	<b>18</b>	<b>9</b>	<b>9</b>	<b>6</b>	<b>4</b>	<b>8</b>	<b>6</b>	<b>75</b>
<b>Northern Ireland</b>	<b>1</b>	<b>4</b>	<b>10</b>	<b>7</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>45</b>
<b>Scotland</b>	<b>2</b>	<b>19</b>	<b>20</b>	<b>22</b>	<b>31</b>	<b>17</b>	<b>6</b>	<b>7</b>	<b>9</b>	<b>133</b>
<b>Channel Islands and Isle of Man</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>UK Total</b>	<b>48</b>	<b>296</b>	<b>476</b>	<b>454</b>	<b>380</b>	<b>335</b>	<b>242</b>	<b>111</b>	<b>133</b>	<b>2,475</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 December 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>	296	19	19	15	15	20	21	23	29	34	40	43	48	48	46	53	48	817
20-24	2,248	141	123	114	118	128	137	171	188	213	290	268	290	285	290	292	296	5,592
25-29	4,297	362	331	302	267	300	333	301	322	371	441	445	529	483	427	500	476	10,487
30-34	4,030	432	361	365	375	385	444	441	486	524	529	537	506	482	456	428	454	11,235
35-39	3,056	274	286	282	305	330	378	474	465	506	491	473	546	428	425	439	380	9,538
40-44	2,192	195	136	126	157	172	215	238	300	370	347	405	397	360	408	407	335	6,760
44-49	1,288	121	93	79	79	108	123	127	144	194	241	210	228	282	253	277	242	4,089
50-54	673	57	61	63	49	58	71	95	89	108	109	101	128	131	139	125	111	2,168
55+	617	74	75	72	68	72	69	85	114	101	121	116	139	141	168	160	133	2,325
Not reported	146	2	0	2	0	0	0	0	0	0	0	0		0	0	0	0	150
<b>Total</b>	<b>18,843</b>	<b>1,677</b>	<b>1,485</b>	<b>1,420</b>	<b>1,433</b>	<b>1,573</b>	<b>1,791</b>	<b>1,955</b>	<b>2,137</b>	<b>2,421</b>	<b>2,609</b>	<b>2,598</b>	<b>2,811</b>	<b>2,640</b>	<b>2,612</b>	<b>2,681</b>	<b>2,475</b>	<b>53,161</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 4 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 December 2011

Ethnicity	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Cumulative total
White	1,490	1,485	1,296	1,249	1,252	1,337	1,522	1,656	1,808	2,055	2,223	2,224	2,421	2,236	2,202	2,168	2,029	30,653
Black-African	28	20	15	23	19	36	39	47	57	52	59	50	61	52	51	69	39	717
Black-Caribbean	30	31	40	36	48	45	61	85	70	51	60	63	52	60	75	49	43	899
Other/Mixed	77	101	110	95	99	127	140	144	177	232	243	250	261	273	259	354	302	3,244
Not reported	78	40	24	17	15	28	29	23	25	31	24	11	16	19	25	41	62	508
<b>Total</b>	<b>1,703</b>	<b>1,677</b>	<b>1,485</b>	<b>1,420</b>	<b>1,433</b>	<b>1,573</b>	<b>1,791</b>	<b>1,955</b>	<b>2,137</b>	<b>2,421</b>	<b>2,609</b>	<b>2,598</b>	<b>2,811</b>	<b>2,640</b>	<b>2,612</b>	<b>2,681</b>	<b>2,475</b>	<b>36,021</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.