

**Northern Ireland**



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

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HIV/STI Department  
**Health Protection Agency**

in collaboration with

**Health Protection Scotland**

and the

**UCL Institute of Child Health**

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

**No. 1:2011**

## **SHA-Level HIV/AIDS DIAGNOSES TABLES**

### **Data Security and Confidentiality**

To ensure the highest level of data security and confidentiality, data forwarded to the Health Protection Agency 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 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)** 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:

- 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 (HPA) and to Health Protection Scotland.
- ii) Paediatric data compiled at the University College London (UCL) Institute of Child Health (Tel: 020-7829-8686) 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, the HPA 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. New HIV Diagnoses data to end June 2011. Tables No. 1:2011.**

## Contacts

Enquiries regarding the tables should be directed to the staff of the HIV & STI department at the HPA, 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/>.

07<sup>TH</sup> March 2011

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## New HIV diagnoses in Northern Ireland

New HIV & AIDS diagnoses & deaths among HIV infected persons, by year of diagnosis or death and sex

Data to the 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
HIV diagnoses	Men	123	16	9	6	15	13	14	24	23	45	36	42	36	66	52	65	29	614
	Women	23	1	1	3	3	6	5	3	13	18	24	15	25	25	14	14	5	198
<b>Total</b>		<b>146</b>	<b>17</b>	<b>10</b>	<b>9</b>	<b>18</b>	<b>19</b>	<b>19</b>	<b>27</b>	<b>36</b>	<b>63</b>	<b>60</b>	<b>57</b>	<b>61</b>	<b>91</b>	<b>66</b>	<b>79</b>	<b>34</b>	<b>812</b>
First AIDS diagnoses	Men	61	1	2	2	6	6	6	8	1	2	5	2	5	11	4	4	2	128
	Women	10	0	0	1	1	0	2	1	1	1	2	1	1	3	1	2	0	27
<b>Total</b>		<b>71</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>7</b>	<b>6</b>	<b>8</b>	<b>9</b>	<b>2</b>	<b>3</b>	<b>7</b>	<b>3</b>	<b>6</b>	<b>14</b>	<b>5</b>	<b>6</b>	<b>2</b>	<b>155</b>
Deaths <sup>1</sup>	Men	44	8	2	2	1	1	0	4	0	0	0	0	4	5	6	2	0	79
	Women	5	1	1	0	1	0	1	1	0	0	1	0	0	1	0	3	0	15
<b>Total</b>		<b>49</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>0</b>	<b>94</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 all reported deaths in HIV diagnosed individuals.

## New HIV diagnoses in Northern Ireland

By year of diagnosis, probable exposure category and sex

Data to the end of June 2011

Probable exposure category	1995 or earlier	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Cumulative total
<b>Sex between men</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>
Heterosexual contact																		
Men	12	4	2	0	7	5	3	8	13	9	15	15	8	25	12	12	10	160
Women	19	1	1	3	2	4	4	3	13	17	23	15	23	25	14	14	5	186
<b>Sub total</b>	<b>31</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>9</b>	<b>9</b>	<b>7</b>	<b>11</b>	<b>26</b>	<b>26</b>	<b>38</b>	<b>30</b>	<b>31</b>	<b>50</b>	<b>26</b>	<b>26</b>	<b>15</b>	<b>346</b>
Injecting drug use																		
Men	4	0	0	0	1	0	0	1	0	0	1	0	2	0	2	0	1	12
Women	3	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	5
<b>Sub total</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>17</b>
Mother to infant <sup>1</sup>																		
Boys/Men	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Girls/Women	0	0	0	0	0	2	1	0	0	1	0	0	1	0	0	0	0	5
<b>Sub total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>
Recipient of blood/ tissue products <sup>2</sup>																		
Men	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Women	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
<b>Sub total</b>	<b>21</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>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>
Other																		
Men	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2
Women	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</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>2</b>
Not reported																		
Men	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	3
Women	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>
<b>Total</b>	<b>146</b>	<b>17</b>	<b>10</b>	<b>9</b>	<b>18</b>	<b>19</b>	<b>19</b>	<b>27</b>	<b>36</b>	<b>63</b>	<b>60</b>	<b>57</b>	<b>61</b>	<b>91</b>	<b>66</b>	<b>79</b>	<b>34</b>	<b>812</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 individuals born outside but diagnosed in the United Kingdom (see Tables 12 and 13 for UK-born children).

<sup>2</sup> All infections diagnosed since 2002 were acquired outside of the UK.

**New HIV diagnoses in Northern Ireland**  
**By year of diagnosis, probable exposure category, world region of infection and partner exposure**  
**Data to the end of June 2011**

Exposure	Where acquired	Partner's exposure	1995 and earlier	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Cumulative total	
Sex between men	UK		27	8	4	4	2	4	6	10	5	21	14	25	19	33	34	44	15	275	
	Abroad		23	0	0	1	1	0	2	2	3	6	4	2	6	8	3	8	3	72	
	Not reported		36	4	3	1	4	2	3	3	1	8	2	0	0	0	1	1	0	69	
	<b>Sub total</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>	
Heterosexual contact	UK	Sex between men	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	
		Heterosexual contact <sup>1 2</sup>	12	2	1	0	1	0	0	2	8	5	11	5	6	13	8	4	4	82	
		Injecting drug use	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
		Other <sup>3</sup>	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
		Not reported	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	3
	<b>Sub total</b>		<b>15</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>9</b>	<b>5</b>	<b>14</b>	<b>6</b>	<b>6</b>	<b>13</b>	<b>8</b>	<b>4</b>	<b>4</b>	<b>91</b>	
	Possibly UK <sup>4</sup>		-	-	-	-	-	-	-	0	0	1	1	0	0	0	0	0	0	2	
	Africa	Sex between men	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Heterosexual contact <sup>2</sup>	1	1	0	1	2	4	2	7	9	12	14	13	14	20	9	11	4	124	
		Injecting drug use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Not reported	7	0	1	1	1	4	1	2	0	1	0	0	0	0	0	0	1	0	19
	<b>Sub total</b>		<b>8</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>3</b>	<b>9</b>	<b>9</b>	<b>13</b>	<b>14</b>	<b>13</b>	<b>14</b>	<b>20</b>	<b>9</b>	<b>12</b>	<b>4</b>	<b>143</b>	
Other world region		6	2	1	1	4	1	3	0	8	6	9	11	10	17	9	10	7	105		
Not reported		2	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	5		
<b>Sub total</b>		<b>31</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>9</b>	<b>9</b>	<b>7</b>	<b>11</b>	<b>26</b>	<b>26</b>	<b>38</b>	<b>30</b>	<b>31</b>	<b>50</b>	<b>26</b>	<b>26</b>	<b>15</b>	<b>346</b>		
Injecting drug use	UK		2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	4	
	Abroad		3	0	0	0	2	0	0	1	0	0	1	0	1	0	0	0	1	9	
	Not reported		2	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	4	
	<b>Sub total</b>		<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>17</b>	
Other <sup>3</sup>		21	0	0	0	0	3	1	0	1	2	0	0	2	0	0	0	0	30		
Not reported		1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	3		
<b>Total</b>		<b>146</b>	<b>17</b>	<b>10</b>	<b>9</b>	<b>18</b>	<b>19</b>	<b>19</b>	<b>27</b>	<b>36</b>	<b>63</b>	<b>60</b>	<b>57</b>	<b>61</b>	<b>91</b>	<b>66</b>	<b>79</b>	<b>34</b>	<b>812</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> Of the 82 heterosexuals infected in the UK from partners who were also heterosexually infected, 44% (36) of these partners were probably infected in Africa and 51% (42) within Europe (including the UK).

<sup>2</sup> No evidence of partner(s) with risks other than heterosexual exposure found.

<sup>3</sup> Includes individuals infected with HIV through other risk exposures such as blood/ tissue recipient and nosocomial.

<sup>4</sup> Evidence of sexual contact in UK and Abroad (coded since 2002)

**New HIV diagnoses in Northern Ireland****By year of diagnosis and age group****Data to the 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
<15	1	0	0	0	0	2	1	0	0	2	0	0	0	0	0	0	0	6
15-19	7	0	0	0	0	1	0	0	1	2	1	2	2	2	2	0	0	20
20-24	24	1	0	0	0	1	1	4	4	9	11	5	6	8	9	9	3	95
25-29	30	5	1	2	6	3	2	2	9	11	6	13	13	11	12	18	5	149
30-34	32	4	4	1	4	4	4	6	4	10	12	14	11	20	12	8	6	156
35-39	25	3	3	1	4	4	3	4	8	14	11	8	13	13	14	10	4	142
40-44	11	2	1	2	1	1	2	3	5	7	10	5	7	10	9	12	4	92
45-49	9	1	1	3	1	1	4	4	2	4	4	3	3	17	4	15	3	79
50-54	4	1	0	0	0	2	1	2	0	2	2	2	4	6	2	5	5	38
55+	3	0	0	0	2	0	1	2	3	2	3	5	2	4	2	2	4	35
<b>Total</b>	<b>146</b>	<b>17</b>	<b>10</b>	<b>9</b>	<b>18</b>	<b>19</b>	<b>19</b>	<b>27</b>	<b>36</b>	<b>63</b>	<b>60</b>	<b>57</b>	<b>61</b>	<b>91</b>	<b>66</b>	<b>79</b>	<b>34</b>	<b>812</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 Northern Ireland

By year of diagnosis, ethnicity and sex, 1995-2011<sup>1</sup>

Data to the 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	Men	7	15	8	6	13	11	14	20	18	40	28	36	31	56	48	56	22	429
	Women	2	1	1	3	3	1	3	1	4	5	14	5	11	10	4	4	1	73
<b>Sub total</b>		<b>9</b>	<b>16</b>	<b>9</b>	<b>9</b>	<b>16</b>	<b>12</b>	<b>17</b>	<b>21</b>	<b>22</b>	<b>45</b>	<b>42</b>	<b>41</b>	<b>42</b>	<b>66</b>	<b>52</b>	<b>60</b>	<b>23</b>	<b>502</b>
Black-African	Men	1	0	1	0	1	2	0	4	5	4	6	5	4	7	3	4	2	49
	Women	2	0	0	0	0	3	2	1	5	10	8	7	13	12	8	9	2	82
<b>Sub total</b>		<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>2</b>	<b>5</b>	<b>10</b>	<b>14</b>	<b>14</b>	<b>12</b>	<b>17</b>	<b>19</b>	<b>11</b>	<b>13</b>	<b>4</b>	<b>131</b>
Black-Caribbean		0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3
Other/Mixed		0	0	0	0	1	2	0	1	3	3	3	4	2	6	3	4	2	34
Not reported		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9
<b>Total</b>		<b>13</b>	<b>17</b>	<b>10</b>	<b>9</b>	<b>18</b>	<b>19</b>	<b>19</b>	<b>27</b>	<b>36</b>	<b>63</b>	<b>60</b>	<b>57</b>	<b>61</b>	<b>91</b>	<b>66</b>	<b>79</b>	<b>34</b>	<b>679</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.