

Injecting Drug Users



United Kingdom New HIV Diagnoses to end of June 2011

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 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 or you can request copies from 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.
<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;

"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 For additional paediatric tables please visit: <http://www.nshpc.ucl.ac.uk/>.

04TH March 2011

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New HIV diagnoses in the United Kingdom

New HIV & AIDS diagnoses & deaths by year of diagnosis or death and sex among persons probably infected through injecting drug use

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
HIV diagnoses	Men	2,089	132	124	109	84	78	108	102	110	117	139	142	129	137	104	105	33	3,842
	Women	960	64	55	45	41	42	38	28	58	34	47	57	47	47	44	36	14	1,657
Total		3,049	196	179	154	125	120	146	130	168	151	186	199	176	184	148	141	47	5,499
First AIDS diagnoses	Men	581	88	58	38	27	35	23	29	20	30	23	17	25	21	11	17	2	1,045
	Women	251	35	21	11	8	10	5	4	9	6	7	7	4	4	7	7	0	396
Total		832	123	79	49	35	45	28	33	29	36	30	24	29	25	18	24	2	1,441
Deaths	Men	620	112	60	57	55	46	43	62	48	36	53	43	42	47	42	37	13	1,416
	Women	233	54	29	17	13	11	11	17	20	19	19	11	14	9	21	13	7	518
Total		853	166	89	74	68	57	54	79	68	55	72	54	56	56	63	50	20	1,934

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 diagnosis among persons probably infected through injecting drug use

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
ENGLAND																		
North East	38	1	2	0	2	2	3	0	4	2	1	3	5	1	6	0	0	70
North West	125	11	13	9	5	7	12	6	15	14	21	14	9	18	15	13	1	308
Yorkshire and The Humber	98	11	11	12	2	8	8	10	9	2	7	6	5	12	7	19	3	230
East Midlands	58	3	3	5	5	5	7	5	12	12	10	10	10	24	11	9	2	191
West Midlands	59	8	7	9	3	6	5	7	4	2	6	5	10	8	4	12	4	159
East of England	98	6	6	6	7	5	8	5	12	15	15	16	18	15	12	10	2	255
London	1,150	86	81	66	55	55	59	65	70	67	66	97	77	61	46	43	18	2,162
South East Coast	110	12	8	9	4	6	9	5	8	6	12	7	9	12	8	9	4	238
South Central	86	10	6	4	9	4	8	3	6	5	4	6	9	6	11	1	2	180
South West	88	13	10	11	10	3	3	5	12	11	17	13	11	8	11	6	4	236
ENGLAND (Total)	1,910	161	147	131	102	101	122	111	152	136	159	177	163	165	131	122	40	4,029
Wales	22	1	1	4	2	2	5	3	2	3	3	3	2	3	0	1	2	59
Northern Ireland	7	0	0	0	2	0	0	1	0	0	2	0	2	0	2	0	1	17
Scotland	1,104	34	30	18	19	17	18	13	13	12	22	18	7	15	15	18	4	1,377
Channel Islands and Isle of Man	6	0	1	1	0	0	1	2	1	0	0	1	2	1	0	0	0	16
UK TOTAL	3,049	196	179	154	125	120	146	130	168	151	186	199	176	184	148	141	47	5,499

Will include some records of the same individuals which are unmatchable because of differences in information supplied.
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New HIV diagnoses in the United Kingdom

By year of first diagnosis and age group among persons probably infected through injecting drug use

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	193	1	2	3	5	6	6	4	1	0	4	2	2	2	1	0	1	233
20-24	744	13	13	8	11	11	15	10	17	14	12	16	10	12	11	4	2	923
25-29	900	37	33	28	26	23	31	21	41	27	39	37	32	30	28	31	6	1,370
30-34	688	76	61	44	34	30	28	29	33	41	47	46	44	39	29	33	7	1,309
35-39	313	43	36	44	24	24	40	42	42	32	42	47	40	43	27	35	14	888
40-44	114	12	24	18	9	15	16	16	25	24	24	29	31	32	23	18	9	439
45-49	28	11	5	6	11	6	5	8	9	9	12	10	10	15	11	11	5	172
50-54	6	2	4	3	2	2	5	0	0	4	3	6	5	9	14	8	2	75
55+	6	1	0	0	3	3	0	0	0	0	3	6	2	2	4	1	1	32
Unknown	57	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58
Total	3,049	196	179	154	125	120	146	130	168	151	186	199	176	184	148	141	47	5,499

*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 diagnosis and ethnic group among persons probably infected through injecting drug use¹**

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	178	173	147	141	107	105	116	104	138	120	154	164	146	143	116	106	35	2,193
Black-African	7	5	7	6	3	3	7	9	6	6	4	6	6	9	9	5	1	99
Black-Caribbean	2	2	3	1	4	2	3	1	4	4	5	4	1	2	1	1	1	41
Other/Mixed	15	10	10	4	6	6	14	12	18	20	20	23	20	24	16	20	6	244
Not reported	13	6	12	2	5	4	6	4	2	1	3	2	3	6	6	9	4	88
Total	215	196	179	154	125	120	146	130	168	151	186	199	176	184	148	141	47	2,665

*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.