

A5**Blood-borne viruses****Key Points****Hepatitis B Virus****Overview of Hep B virus**

- In 2002, the number of new hepatitis B virus (HBV) diagnoses among persons for whom injecting drug use was indicated as a risk factor was 37. The number of those infected overall remained steady at around 350. (Table A5.1)

5 year trends – 1998 to 2002

- The number of new Hepatitis B infected drug users rose from 58 to 115 between 1998 and 1999. There has been a steady decline between 1999 and 2002: 89 in 2000, 69 in 2001 and 37 in 2002. (Table A5.1)

Geographical profile

- The majority of Hepatitis B infected drug users were resident in Grampian and Greater Glasgow. Of the 37 reports in 2002, 32 per cent (12 reports) were resident in Grampian, 41 per cent (15 reports) in Greater Glasgow. (Table A5.1)

Hepatitis C Virus**Overview of Hepatitis C virus**

- Between 1st January & 30th June 2002, 562 injecting drug users (IDU's) were diagnosed with hepatitis C virus (HCV), IDU's accounted for 61 per cent of the 918 HCV cases diagnosed in this time period. (Table A5.2)
- The total number of IDU's known to be infected with the HCV virus is 8 719, nearly seven times the number of HIV diagnoses amongst this group. (Tables A5.2 & A5.4)
- Of the 8 660 individuals with a diagnosis of HCV, whose gender was recorded, 72 per cent were male. (Table A5.3)
- The majority of IDU's with a diagnosis of HCV were aged in the 20 – 35 age group (73 % of the 8 562 individuals with age recorded). Five per cent were aged under 20 years. (Table A5.3)
- A further 4662 cases of HCV have been reported by laboratories without risk factor information and, of these, 74 per cent (3463) were aged between 15-44, the range within which most injecting drug users belong, at the time of diagnosis. (Tables A5.2 & A5.3)

5 year trends – 1998 to 2002 (up to June 2002)

- Since 1998, there has been a fall each year in the number of HCV reports, from 2 006 in 1998 to 1700 in 2001. For those identified as IDU's, there has been a small rise in HCV reports between 1998 and 1999. From 1999 to 2001, the number of reports has gradually fallen. (Table A5.2).

Geographical profile

- For HCV infected IDU's, 39 per cent of the 8 719 reports were from Greater Glasgow, a further 15 per cent Lothian, 14 per cent Grampian and 8 per cent Tayside. (Table A5.2)

Continued

Key Points *continued***Human Immunodeficiency Virus and AIDS****Overview of HIV infection and AIDS**

- In 2002, there were 10 reports of HIV infection amongst the IDU population, the lowest annual total since records began. (Table A5.4)
- Seven of the 10 cases were aged 35-39 years, seven were male, and the median age was 37 years. (Table A5.6)
- The cumulative total (to 31 December 2002) of HIV infected reports in IDU's is 1 278. (Table A5.4)
- Seventy per cent of HIV reports in IDU's are male, compared to 75 per cent male for all transmission categories (also includes transmission by sexual contact, body piercings/tattoo, needlestick and blood transfusion). (Table A5.4)
- In 2002, there were 13 cases of AIDS registered. The cumulative total (to 31 December 2002) of AIDS registrations in IDU's is 418. (Table A5.4)

5 year trends – 1998 to 2002

- Throughout the 90's there has been a decline in reported HIV infection amongst the IDU population: from 38 in 1990, 26 in 1998 to 10 in 2002. (Table A5.4)
- The increase in the median age at diagnosis of HIV (25 in 1990, 33 in 1998 and 37 in 2002) suggests that there is an aging cohort of individuals who have acquired their infection many years previously. (Table A5.6)
- The introduction of Highly Active Antiretroviral Therapy (HAART) during 1996 resulted in a dramatic decline in the annual number of AIDS registrations and deaths. These have remained relatively low since: 25 cases in 1990, 19 cases in 1998 and 13 cases in 2002. (Table A5.4)
- The declines in the number of AIDS registrations and deaths, coupled with low level of new HIV diagnosis amongst this population, has resulted in a decrease in the prevalence of known HIV infection, and a consequent drop in the numbers of infected IDU's receiving clinical care - 405 in 2002 compared to 431 in 1998. (Table A5.7)

Geographical profile

- Of the 10 HIV reports, half were in Lothian; the remainder were reported in Forth Valley, Grampian, Lanarkshire and Tayside. (Table A5.5)

Background information**Hepatitis B Virus**

The Scottish Centre for Infection and Environmental Health (SCIEH) receives notification of positive hepatitis B Virus (HBV) tests from all laboratories located in the 15 NHS Board areas. At present no standard exists for the reporting of HBV infection and the amount of information provided by the different laboratories varies significantly. Information on risk factors, clinical history and status of HBV markers is frequently missing, thus it is difficult to determine whether cases are acute or chronic and to estimate the true incidence and prevalence of the virus.

Hepatitis C Virus

SCIEH, in association with Scotland's principal HCV testing laboratories (the West of Scotland Specialist Virus Centre at Gartnavel General Hospital, Glasgow, the East of Scotland Specialist Virus Centre at the Edinburgh Royal Infirmary, the Department of Microbiology at Ninewells Hospital, Dundee, and the Department of Microbiology at Aberdeen Royal Infirmary) collates information on all cases of HCV known to have been acquired in Scotland. There is no dedicated HCV request form and information is limited to what is available on standard virological test request forms that accompany blood specimens.

It is likely, that the number of IDUs diagnosed with HCV is a minority of the total number of infected persons in Scotland; estimates suggest that around 30,000 past and current IDUs are HCV antibody positive. Evidence suggests that the virus continues to be transmitted amongst this population; a SCIEH community-wide cross-sectional survey of IDUs in Glasgow who commenced their injecting post 1996 – during the era of well-established harm reduction interventions – revealed an annual incidence of 28%.

Human Immunodeficiency Virus

Voluntary case reporting of HIV and AIDS forms the basis for surveillance in Scotland; this provides information only on diagnosed infections. Data collected includes limited patient identifiers (initials, soundex code of surname, date of birth, gender and first part of postcode), risk exposure. Follow-up information such as all AIDS indicator diseases present at the time of the AIDS diagnosis, immunological (CD4 count) monitoring and antiretroviral treatment are linked to cases where relevant. The number of individuals undergoing CD4 count monitoring is a good indicator of the number receiving clinical care

A5.1 Hepatitis B infected injecting drug users¹ : 1985, 1990, 1995, 1998 - 2002²

NHS board³

	1985	1990	1995	1998	1999	2000	2001	2002
<i>Hepatitis B (Drug misuse cases)</i>								
Scotland	157	55	14	58	115	89	69	37
Argyll & Clyde	6	-	-	17	11	7	4	1
Ayrshire & Arran	2	1	-	1	-	2	1	2
Borders	1	-	-	-	-	-	2	-
Dumfries & Galloway	-	-	-	-	2	-	-	-
Fife	-	-	-	-	-	-	-	-
Forth Valley	7	-	-	1	-	-	-	1
Grampian	10	1	-	25	65	52	19	12
Greater Glasgow	99	47	12	13	20	20	29	15
Highland	-	2	-	-	1	1	1	2
Lanarkshire	7	1	-	-	2	3	7	1
Lothian	21	1	2	-	1	2	4	3
Tayside	4	2	-	1	13	2	2	-
<i>Hepatitis B (All cases)</i>								
Scotland	707	249	152	295	386	360	357	354

1 Persons are categorised as IDU if mentioned on request form.

2 Year of report.

3 Refers to the person's NHS board of residence or, where this is not known, the NHS board of source of specimen.

Source : The Scottish Centre for Infection & Environmental Health (SCIEH).

A5.2 Persons reported to be Hepatitis C antibody-positive : Prior to 1995, 1995, 1998 - 2002¹

NHS board². probable/possible route of transmission

		Prior to							Total ⁴
		1995 ^r	1995 ^r	1998 ^r	1999 ^r	2000 ^r	2001 ^r	2002 ¹	
Scotland	Total	2 083	1 142	2 006	1 953	1 866	1 700	918	14 390
	Injecting drug user	1 021	643	1 187	1 307	1 257	1 118	562	8 719
	Other ³	400	112	68	72	77	69	54	1 009
	Not known	662	387	751	574	532	513	302	4 662
Argyll & Clyde	Total	117	54	120	160	147	125	66	923
	Injecting drug user	20	22	88	115	97	82	28	518
	Other ³	46	7	-	4	9	-	1	76
	Not known	51	25	32	41	41	43	37	329
Ayrshire & Arran	Total	58	31	82	118	142	101	56	675
	Injecting drug user	17	10	35	46	72	45	24	274
	Other ³	20	2	1	5	1	2	-	40
	Not known	21	19	46	67	69	54	32	361
Borders	Total	20	12	5	3	6	2	6	66
	Injecting drug user	6	6	2	1	4	1	2	29
	Other ³	4	1	-	-	1	-	1	8
	Not known	10	5	3	2	1	1	3	29
Dumfries & Galloway	Total	25	23	30	34	58	88	31	321
	Injecting drug user	11	10	17	17	41	63	18	193
	Other ³	6	5	4	1	1	1	1	20
	Not known	8	8	9	16	16	24	12	108
Fife	Total	43	24	49	62	44	47	12	365
	Injecting drug user	15	17	35	43	30	29	4	231
	Other ³	13	1	2	1	-	1	3	27
	Not known	15	6	12	18	14	16	5	107
Forth Valley	Total	76	39	87	86	97	80	36	608
	Injecting drug user	26	15	39	41	50	36	22	269
	Other ³	15	4	1	2	3	-	3	32
	Not known	35	20	47	43	44	44	11	307
Grampian	Total	106	144	233	275	248	241	124	1 708
	Injecting drug user	54	102	179	194	169	193	94	1 239
	Other ³	24	18	11	5	4	7	4	89
	Not known	28	24	43	76	75	41	26	380
Greater Glasgow	Total	640	390	889	749	683	644	351	5 374
	Injecting drug user	296	195	520	580	529	468	250	3 420
	Other ³	96	19	16	30	34	33	18	285
	Not known	248	176	353	139	120	143	83	1 669
Highland	Total	16	31	29	39	32	45	20	282
	Injecting drug user	1	3	7	27	17	23	12	120
	Other ³	6	11	2	1	3	3	1	33
	Not known	9	17	20	11	12	19	7	130
Lanarkshire	Total	87	49	147	109	133	93	66	841
	Injecting drug user	19	23	79	46	78	42	36	407
	Other ³	26	5	1	3	-	1	2	47
	Not known	42	21	67	60	55	50	28	387
Lothian	Total	684	200	189	189	140	136	67	2 051
	Injecting drug user	428	143	110	107	94	88	44	1 306
	Other ³	105	21	17	9	9	17	5	223
	Not known	151	36	62	73	37	31	18	522
Orkney	Total	2	1	3	-	-	1	1	11
	Injecting drug user	-	-	2	-	-	1	1	5
	Other ³	1	-	-	-	-	-	-	3
	Not known	1	1	1	-	-	-	-	3
Shetland	Total	4	3	3	1	3	2	3	23
	Injecting drug user	-	2	3	1	3	2	2	14
	Other ²	2	1	-	-	-	-	-	4
	Not known	2	-	-	-	-	-	1	5
Tayside	Total	203	141	140	128	133	95	79	1 139
	Injecting drug user	128	95	71	89	73	45	25	693
	Other ³	35	17	13	11	12	3	15	122
	Not known	40	29	56	28	48	47	39	324
Western Isles	Total	2	-	-	-	-	-	-	3
	Injecting drug user	-	-	-	-	-	-	-	1
	Other ³	1	-	-	-	-	-	-	1
	Not known	1	-	-	-	-	-	-	1

1 Year of earliest known positive specimen. Data for 2002 is to 30 June only.

2 Refers to the person's NHS board of residence or, where this is not known, the NHS board of source of specimen.

3 Includes sexual contact, body piercing/tattoo, needlestick, bite, perinatal transmission, and blood factor/blood transfusion risk. Any persons who acquired their infection through blood transfusion will have done so prior to the introduction of Hepatitis C antibody testing of blood donors in 1991.

4 Total includes data for years not featured.

r Revised.

Source : The Scottish Centre for Infection & Environmental Health (SCIEH) - Hepatitis C register.

A5.3 Persons reported to be Hepatitis C antibody positive; probable/ possible route of transmission¹

NHS board² and age group ; as at 30 June 2002

Health impact

		Injecting drug user	Other ³	Not known	Total	
Scotland	Under 15 years	1	84	23	108	
	15-19	402	41	104	547	
	20-24	1 720	89	508	2 317	
	25-29	2 445	134	856	3 435	
	30-34	2 050	166	846	3 062	
	35-39	1 157	135	657	1 949	
	40-44	507	122	492	1 121	
	45-49	197	62	310	569	
	50-54	62	44	191	297	
	55-59	10	32	120	162	
	60 years and over	11	91	401	503	
	Not known	157	9	154	320	
	Total	8 719	1 009	4 662	14 390	
		Males	6 197	641	3 023	9 861
	Females	2 463	365	1 568	4 396	
	Not Known	59	3	71	133	
Argyll & Clyde	Under 20 years	41	10	11	62	
	20-24	138	8	46	192	
	25-29	136	11	61	208	
	30-34	102	8	52	162	
	35-39	54	9	41	104	
	40-44	27	10	40	77	
	45-49	4	5	25	34	
	50 years and over	4	12	46	62	
	Not known	12	3	7	22	
	Total	518	76	329	923	
		Males	356	51	217	624
		Females	158	25	100	283
		Not known	4	-	12	16
	Ayrshire & Arran	Under 20 years	14	4	7	25
20-24		57	6	57	120	
25-29		80	6	88	174	
30-34		52	6	63	121	
35-39		40	3	52	95	
40-44		15	3	39	57	
45-49		7	2	10	19	
50 years and over		1	9	31	41	
Not known		8	1	14	23	
Total		274	40	361	675	
		Males	177	23	263	463
		Females	93	17	88	198
		Not known	4	-	10	14
Borders		Under 20 years	2	1	-	3
	20-24	7	-	3	10	
	25-29	4	1	3	8	
	30-34	6	1	4	11	
	35-39	4	-	1	5	
	40-44	4	2	4	10	
	45-49	2	1	2	5	
	50 years and over	-	2	10	12	
	Not known	-	-	2	2	
	Total	29	8	29	66	
		Males	23	3	21	47
		Females	6	5	8	19
		Not known	-	-	-	-

continued

Persons reported to be Hepatitis C antibody positive; probable/possible route of transmission¹

A5.3

continued

NHS board² and age group ; as at 30 June 2002

	Injecting drug user	Other ³	Not known	Total
<i>Dumfries & Galloway</i>				
Under 20 years	25	6	5	36
20-24	49	-	12	61
25-29	36	2	17	55
30-34	24	-	12	36
35-39	21	3	16	40
40-44	6	2	11	19
45-49	2	1	10	13
50 years and over	4	6	18	28
Not known	26	-	7	33
Total	193	20	108	321
Males	104	13	64	181
Females	57	7	35	99
Not known	32	-	9	41
<i>Fife</i>				
Under 20 years	17	3	6	26
20-24	69	1	9	79
25-29	61	6	10	77
30-34	40	5	10	55
35-39	23	2	11	36
40-44	17	5	16	38
45-49	2	3	10	15
50 years and over	1	2	35	38
Not known	1	-	-	1
Total	231	27	107	365
Males	170	18	65	253
Females	60	9	39	108
Not known	1	-	3	4
<i>Forth Valley</i>				
Under 20 years	28	4	16	48
20-24	71	2	48	121
25-29	71	4	66	141
30-34	40	4	49	93
35-39	32	3	35	70
40-44	11	8	31	50
45-49	10	1	20	31
50 years and over	1	6	35	42
Not known	5	-	7	12
Total	269	32	307	608
Males	163	19	186	368
Females	103	12	115	230
Not known	3	1	6	10
<i>Grampian</i>				
Under 20 years	131	13	17	161
20-24	362	10	69	441
25-29	327	13	60	400
30-34	196	14	49	259
35-39	131	11	57	199
40-44	48	4	38	90
45-49	26	5	35	66
50 years and over	11	19	44	74
Not known	7	-	11	18
Total	1 239	89	380	1 708
Males	909	52	251	1 212
Females	325	35	125	485
Not known	5	2	4	11

continued

Health impact

A5.3 Persons reported to be Hepatitis C antibody positive; probable/ possible route of transmission¹

continued

NHS board² and age group ; as at 30 June 2002

Health impact

		Injecting drug user	Other ³	Not known	Total
<i>Greater Glasgow</i>	Under 20 years	87	26	36	149
	20-24	616	28	161	805
	25-29	1 046	43	361	1 450
	30-34	900	55	401	1 356
	35-39	453	43	222	718
	40-44	153	35	154	342
	45-49	60	15	74	149
	50 years and over	18	38	179	235
	Not known	87	2	81	170
	Total	3 420	285	1 669	5 374
	Males	2 393	184	1 053	3 630
	Females	1 025	101	606	1 732
	Not known	2	-	10	12
<i>Highland</i>	Under 20 years	4	5	3	12
	20-24	17	-	15	32
	25-29	29	4	19	52
	30-34	29	6	21	56
	35-39	21	2	20	43
	40-44	15	3	19	37
	45-49	1	1	10	12
	50 years and over	1	10	22	33
	Not known	3	1	1	5
	Total	120	32	130	282
	Males	88	19	84	191
	Females	31	13	42	86
	Not known	1	-	4	5
<i>Lanarkshire</i>	Under 20 years	12	2	9	23
	20-24	80	7	38	125
	25-29	125	5	79	209
	30-34	113	7	64	184
	35-39	49	7	58	114
	40-44	18	8	38	64
	45-49	6	6	28	40
	50 years and over	2	5	62	69
	Not known	2	-	11	13
	Total	407	47	387	841
	Males	316	36	275	627
	Females	91	11	110	212
	Not known	-	-	2	2
<i>Lothian</i>	Under 20 years	25	28	10	63
	20-24	119	16	31	166
	25-29	325	23	48	396
	30-34	361	38	68	467
	35-39	240	30	76	346
	40-44	144	26	67	237
	45-49	62	17	56	135
	50 years and over	28	45	156	229
	Not known	2	-	10	12
	Total	1 306	223	522	2 051
	Males	920	138	331	1 389
	Females	384	85	183	652
	Not known	2	-	8	10

continued

Persons reported to be Hepatitis C antibody positive; probable/possible route of transmission¹

A5.3

continued

NHS board² and age group ; as at 30 June 2002

		Injecting drug user	Other ³	Not known	Total
<i>Orkney</i>	Under 20 years	-	-	-	-
	20-24	1	-	1	2
	25-29	-	-	-	-
	30-34	1	2	-	3
	35-39	-	-	-	-
	40-44	1	-	1	2
	45-49	-	-	1	1
	50 years and over	2	1	-	3
	Not known	-	-	-	-
	Total	5	3	3	11
	Males	3	2	3	8
Females	2	1	-	3	
Not known	-	-	-	-	
<i>Shetland</i>	Under 20 years	-	-	1	1
	20-24	4	-	-	4
	25-29	4	1	-	5
	30-34	3	-	-	3
	35-39	-	2	-	2
	40-44	1	1	1	3
	45-49	1	-	-	1
	50 years and over	1	-	3	4
	Not known	-	-	-	-
	Total	14	4	5	23
	Males	12	3	4	19
Females	1	1	1	3	
Not known	1	-	-	1	
<i>Tayside</i>	Under 20 years	17	23	6	46
	20-24	130	11	18	159
	25-29	201	15	44	260
	30-34	183	19	53	255
	35-39	89	20	67	176
	40-44	47	15	33	95
	45-49	13	5	29	47
	50 years and over	9	12	71	92
	Not known	4	2	3	9
	Total	693	122	324	1 139
	Males	562	79	205	846
Females	127	43	116	286	
Not known	4	-	3	7	
<i>Western Isles</i>	Under 20 years	-	-	-	-
	20-24	-	-	-	-
	25-29	-	-	-	-
	30-34	-	1	-	1
	35-39	-	-	1	1
	40-44	-	-	-	-
	45-49	1	-	-	1
	50 years and over	-	-	-	-
	Not known	-	-	-	-
	Total	1	1	1	3
	Males	1	1	1	3
Females	-	-	-	-	
Not known	-	-	-	-	

1 Risk group identified at time of earliest positive specimen.

2 Refers to the person's NHS board of residence or, where this is not known, the NHS board of source of specimen.

3 Includes sexual contact, body piercing/tattoo, needlestick, bite, perinatal transmission, and blood factor/blood transfusion risk. Any persons who acquired their infection through blood transfusion will have done so prior to the introduction of Hepatitis C antibody testing of blood donors in 1991.

Source : The Scottish Centre for Infection & Environmental Health (SCIEH) - Hepatitis C register.

A5.4 HIV-infection reports and deaths¹ among injecting drug users and AIDS cases registered^{2,3} : 1985, 1990, 1995, 1998 - 2002⁴

as at 31 December of year indicated

Health impact

	HIV-infected reports			Deaths among HIV infected IDU's			AIDS cases registered		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
<i>Injecting drug user</i>									
1985	105	61	166	4	1	5	-	-	-
1990	31	7	38	28	10	38	22	3	25
1995	23	6	29	54	24	78	33	17	50
1998	21	5	26	24	5	29	17	2	19
1999	16	6	22	22	6	28	9	5	14
2000	12	6	18	16	5	21	9	2	11
2001	13	8	21	19	1	20	12	4	16
2002	7	3	10	17	5	22	11	2	13
Cumulative Total (to 31 Dec 2002)	897	381	1 278	476	167	643	304	114	418
<i>All transmission categories</i>									
Cumulative Total (to 31 Dec 2002)	2 695	902	3 597	1 075	251	1 326	923	240	1 163

1 Deaths relate to the number of deaths occurring during the given year - irrespective of when the case was registered. Cause of death may not necessarily be related to the persons HIV status.

2 Totals include cases reported prior to 1985.

3 Figures include several males who have had sexual intercourse with other males.

4 Year of report/registration.

Source : The Scottish Centre for Infection & Environmental Health (SCIEH) - AIDS and HIV-positive registers.

A5.5 HIV-infected injecting drug users : 1985, 1990, 1995, 1998 - 2002

NHS board¹ and year of report; as at 31 December 2002

	1985	1990	1995	1998	1999	2000	2001	2002	Cumulative to 31 Dec 2002		
									Total	Alive	Dead
Scotland	166	38	29	26	22	18	21	10	1 278	635	643
Argyll & Clyde	1	-	1	-	-	1	-	-	15	9	6
Ayrshire & Arran	2	-	-	1	-	-	-	-	6	3	3
Borders	-	-	-	1	-	1	-	-	3	2	1
Dumfries & Galloway	2	-	-	-	-	-	1	-	7	6	1
Fife	3	-	3	1	1	-	1	-	33	24	9
Forth Valley	3	-	-	-	1	-	-	1	21	14	7
Grampian	3	-	1	2	1	2	-	1	31	19	12
Greater Glasgow	9	8	9	7	6	3	4	-	171	95	76
Highland	-	-	-	-	-	-	-	-	7	5	2
Lanarkshire	1	1	2	1	2	-	2	1	20	14	6
Lothian	108	20	9	11	5	8	10	5	672	334	338
Tayside	34	9	4	2	6	3	3	2	292	110	182

1 Refers to the person's NHS board of residence or, where this is not known, the NHS board of source of specimen.

Source : The Scottish Centre for Infection & Environmental Health (SCIEH) - AIDS and HIV-positive registers.

A5.6 HIV-infected injecting drug users : 1985, 1990, 1995, 1998 - 2002¹

age at time of earliest specimen ; as at 31 December 2002

	1985	1990	1995	1998	1999	2000	2001	2002
Scotland	166	38	29	26	22	18	21	10
Under 15	-	-	-	-	-	-	-	-
15 - 19	27	4	-	-	-	1	1	-
20 - 24	65	15	3	3	4	3	2	-
25 - 29	43	8	8	6	5	1	5	1
30 - 34	18	6	11	6	7	5	2	-
35 - 39	9	4	6	8	2	4	8	7
40 - 44	-	1	1	3	3	1	2	1
45 - 49	-	-	-	-	1	1	1	1
50 - 54	-	-	-	-	-	1	-	-
55 - 59	-	-	-	-	-	-	-	-
60 - 64	-	-	-	-	-	1	-	-
65 or over	-	-	-	-	-	-	-	-
Not known	4	-	-	-	-	-	-	-
Median Age	24	25	31	33	31	33	37	37
Males	105	31	23	21	16	12	13	7
Females	61	7	6	5	6	6	8	3

¹ Year of report.

Source : The Scottish Centre for Infection & Environmental Health (SCIEH) - AIDS and HIV-positive registers.

Health impact

A5.7 HIV-infected injecting drug users in clinical care¹ : 1995, 1998 - 2002²

Number of individuals monitored, NHS board of residence ; as at 31 July 2003

	1995	1998	1999	2000	2001	2002
Scotland	461	431	432	433	415	405
Argyll & Clyde	7	4	3	4	4	4
Ayrshire & Arran	1	2	2	2	2	2
Borders	-	1	1	2	2	2
Dumfries & Galloway	1	-	-	1	1	1
Fife	13	18	20	20	20	17
Forth Valley	5	7	6	6	6	8
Grampian	10	13	14	12	13	13
Greater Glasgow	66	60	65	68	65	57
Highland	-	2	2	3	1	-
Lanarkshire	7	11	9	12	10	12
Lothian	275	235	235	230	222	218
Tayside	76	78	75	73	69	71
Scotland (all risks)	992	1 132	1 218	1 308	1 392	1 517

¹ Indicated that persons are undergoing immunological monitoring in Scotland - CD4 monitoring

² Year of test. National surveillance began in 1992.

Source : The Scottish Centre for Infection & Environmental Health (SCIEH) - CD4 Monitoring database

A5.8 HIV prevalence among injecting drug users¹ having a named HIV test : 1990, 1995, 1998 - 2002²

NHS board³

Health impact

	1990 ^r			1995 ^r			1998 ^r			1999 ^r		
	Tests	New positives No.	Prevalence %	Tests	New positives No.	Prevalence %	Tests	New positives No.	Prevalence %	Tests	New positives No.	Prevalence %
Scotland	1 273	38	0	1 425	22	0	1 971	19	0	2 330	15	0
Argyll & Clyde	27	-	-	59	2	0	159	-	-	149	1	0
Ayrshire & Arran	24	-	-	37	-	-	58	-	-	83	-	-
Borders	5	-	-	-	-	-	2	-	-	13	-	-
Dumfries & Galloway	10	-	-	23	-	-	36	-	-	47	-	-
Fife	19	1	0	27	1	0	37	-	-	69	-	-
Forth Valley	38	1	0	33	-	-	37	1	0	38	-	-
Grampian	98	-	-	149	-	-	353	-	-	450	1	0
Greater Glasgow	533	9	0	521	8	0	647	6	0	712	7	0
Highland	2	-	-	23	-	-	52	-	-	64	-	-
Lanarkshire	17	-	-	71	-	-	118	1	0	138	1	0
Lothian	332	19	0	270	8	0	307	6	0	376	4	0
Orkney	1	-	-	1	-	-	3	-	-	-	-	-
Shetland	1	-	-	2	-	-	11	-	-	9	-	-
Tayside	166	8	0	209	3	0	151	5	0	182	1	0
Western Isles	-	-	-	-	-	-	-	-	-	-	-	-

	2000 ^r			2001 ^r			2002		
	Tests	New positives No.	Prevalence %	Tests	New positives No.	Prevalence %	Tests	New positives No.	Prevalence %
Scotland	2 182	16	0	2 154	18	0	2 047	9	0
Argyll & Clyde	112	-	-	111	1	0	101	2	0
Ayrshire & Arran	89	-	-	121	-	-	126	-	-
Borders	12	-	-	14	1	0	11	-	-
Dumfries & Galloway	80	-	-	86	-	-	58	-	-
Fife	50	-	-	73	1	0	76	1	0
Forth Valley	31	-	-	37	-	-	28	-	-
Grampian	417	1	0	305	1	0	239	-	-
Greater Glasgow	685	5	0	660	3	0	615	-	-
Highland	53	1	0	89	-	-	54	-	-
Lanarkshire	161	-	-	164	-	-	187	1	0
Lothian	321	5	0	337	8	0	378	5	0
Orkney	-	-	-	-	-	-	1	-	-
Shetland	13	-	-	11	-	-	3	-	-
Tayside	158	4	0	146	3	0	167	-	-
Western Isles	-	-	-	-	-	-	3	-	-

1 Includes some IDUs who reported homo/bisexual contact.

2 For each individual tested, only the first test within a calendar year is included.

3 Refers to the person's NHS board of residence or, where this is not known, the NHS board of source of specimen.

^r Revised.

- (zero); 0 (>0.0 & <0.5)

Source : The Scottish Centre for Infection & Environmental Health (SCIEH) - AIDS and HIV-positive registers.