

# HIV/AIDS ANNUAL REPORT

## 2006

British Columbia Centre for Disease Control  
STI/HIV Prevention and Control

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## AIDS IN BRITISH COLUMBIA

Historically, collection of BC AIDS data has been difficult as AIDS Case Report forms may not always be submitted when a healthcare provider diagnoses a client with AIDS.

Prior to 1997, AIDS case reports were compiled courtesy of the Vancouver Health Department. From 1997 – 2000, to avoid duplicate data entry and to improve timeliness of reporting, the BCCDC Division of STI/HIV Prevention and Control collaborated with the Division of HIV/AIDS Surveillance, Bureau of HIV/AIDS and STD, Laboratory Centre for Disease Control, Health Protection Branch Health Canada.

From 2000 onward, AIDS case reports have been compiled by the BCCDC Division of STI/HIV Prevention and Control in collaboration with the BC Center for Excellence in HIV/AIDS.

Any potential discrepancies between reports from the semi-annual 2000 onward and previous AIDS Update reports may be attributed to the transition from the use of Health Canada's AIDS data to the use of BC AIDS data.

Since HIV became a reportable disease in BC in 2003, all new cases are reported to the BCCDC Division of STI/HIV Prevention and Control and followed up by Regional Health Authority Public Health staff. If an AIDS diagnosis is made at the time of the first positive HIV test, this diagnosis is reported to BCCDC. Healthcare providers, when making a diagnosis of AIDS, are to complete an AIDS Case Report form and submit it to the BCCDC at the address provided below. In 2007, a revised AIDS Case Report form was posted under the CD Surveillance Forms section of the BCCDC website (<http://www.bccdc.org/download.php?item=3373>) to help facilitate the reporting process.

Detailed pre-2000 statistics are not provided in this report due to page limitations but are available upon request. Please forward your request to the STI/HIV Resource Centre either by:

Telephone: 604-660-2090  
Fax: 604-775-0808  
E-mail: [stdinfo@bccdc.ca](mailto:stdinfo@bccdc.ca)

Mail: BC Centre for Disease Control  
STI/HIV Prevention and Control  
655 West 12<sup>th</sup> Avenue  
Vancouver, BC, V5Z 4R4

### Acknowledgements:

Physicians, healthcare providers, and public health staff in British Columbia for taking the time and effort to complete and submit their AIDS case report forms.

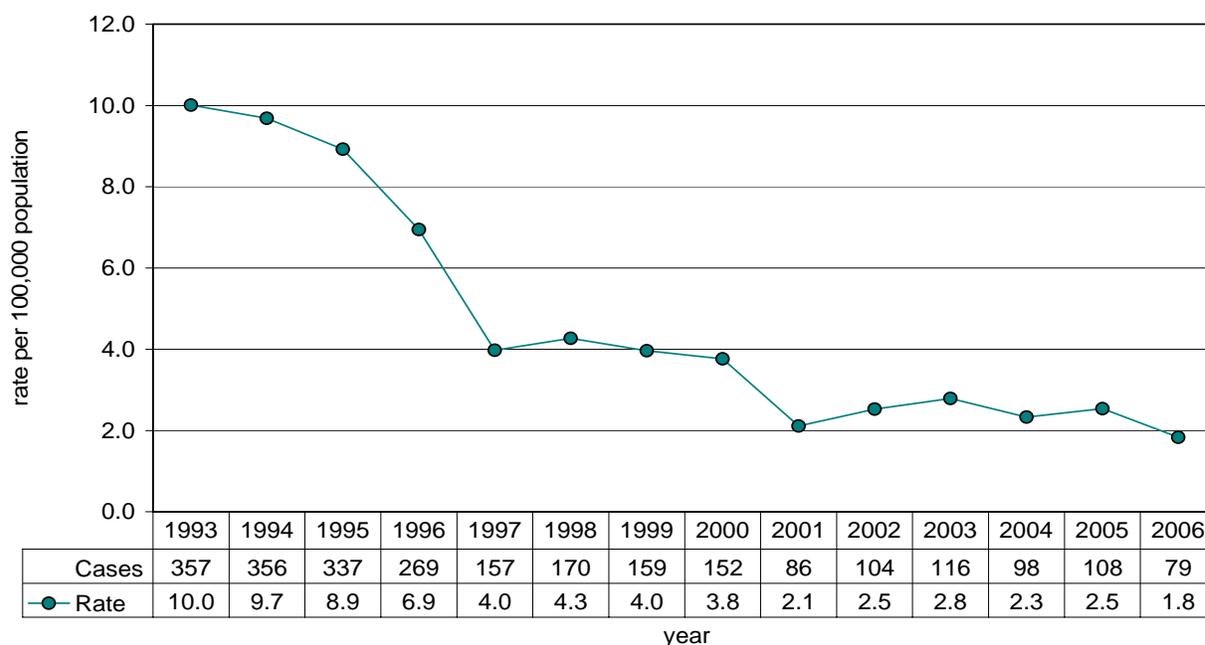
**Dr. Robert Hogg and Ms. Benita Yip from the BC Centre for Excellence in HIV/AIDS for their assistance in improving the reporting of new AIDS cases.**

**Table 1.1**  
**AIDS Case Reports by YEAR OF DIAGNOSIS, 1983 to 2006**

Year of Diagnosis	Cases	Rate	Cumulative Cases
1983	7	0.2	7
1984	29	1.0	36
1985	62	2.1	98
1986	106	3.5	204
1987	134	4.4	338
1988	175	5.6	513
1989	223	7.0	736
1990	224	6.8	960
1991	265	7.9	1,225
1992	322	9.3	1,547
1993	357	10.0	1,904
1994	356	9.7	2,260
1995	337	8.9	2,597
1996	269	6.9	2,866
1997	157	4.0	3,023
1998	170	4.3	3,193
1999	159	4.0	3,352
2000	152	3.8	3,504
2001	86	2.1	3,590
2002	104	2.5	3,694
2003	116	2.8	3,810
2004	98	2.3	3,908
2005	108	2.5	4,016
2006	79	1.8	4,095
<b>TOTAL</b>	<b>4,095</b>		

RATE is per 100,000 population.

**Graph 1.1**  
**AIDS Case Reports in BC by YEAR OF DIAGNOSIS, 1993 to 2006**



**Table 1.2**  
**AIDS Case Reports by AGE and YEAR OF DIAGNOSIS – MALES, 2000 to 2006**

Age	AIDS	2000	2001	2002	2003	2004	2005	2006	TOTAL
<15	cases	1	2	-	-	-	-	-	3
	rate	0.3	0.5						
15 to 19	cases	-	-	-	-	-	-	-	-
	rate								
20 to 29	cases	9	5	4	8	6	4	5	41
	rate	3.3	1.8	1.5	2.8	2.1	1.4	1.7	
30 to 39	cases	59	25	33	40	25	17	13	212
	rate	18.1	7.8	10.5	13.0	8.3	5.7	4.3	
40 to 49	cases	38	21	28	24	32	40	26	209
	rate	11.6	6.3	8.3	7.0	9.2	11.4	7.4	
50+	cases	28	24	27	27	21	26	20	173
	rate	5.0	4.1	4.5	4.4	3.3	3.9	2.9	
<b>total</b>	<b>cases</b>	<b>135</b>	<b>77</b>	<b>92</b>	<b>99</b>	<b>84</b>	<b>87</b>	<b>64</b>	<b>638</b>
	<b>rate</b>	<b>6.7</b>	<b>3.8</b>	<b>4.5</b>	<b>4.8</b>	<b>4.0</b>	<b>4.1</b>	<b>3.0</b>	

RATE is per 100,000 population.

TOTAL column to the far right is cumulative from **2000 to 2006** December 31.

**Table 1.3**  
**AIDS Case Reports by AGE and YEAR OF DIAGNOSIS – FEMALES, 2000 to 2006**

Age	AIDS	2000	2001	2002	2003	2004	2005	2006	TOTAL
<15	cases	1	-	1	-	-	-	-	2
	rate	0.3		0.3					
15 to 19	cases	-	-	-	1	-	-	-	1
	rate				0.7				
20 to 29	cases	3	4	3	2	2	-	3	17
	rate	1.1	1.5	1.1	0.7	0.7		1.0	
30 to 39	cases	2	5	2	3	4	7	5	28
	rate	0.6	1.5	0.6	1.0	1.3	2.3	1.6	
40 to 49	cases	10	-	6	6	7	10	5	44
	rate	3.0		1.7	1.7	2.0	2.8	1.4	
50+	cases	1	-	-	5	1	4	2	13
	rate	0.2			0.7	0.1	0.6	0.3	
<b>total</b>	<b>cases</b>	<b>17</b>	<b>9</b>	<b>12</b>	<b>17</b>	<b>14</b>	<b>21</b>	<b>15</b>	<b>105</b>
	<b>rate</b>	<b>0.8</b>	<b>0.4</b>	<b>0.6</b>	<b>0.8</b>	<b>0.7</b>	<b>1.0</b>	<b>0.7</b>	

RATE is per 100,000 population.

TOTAL column to the far right is cumulative from **2000 to 2006** December 31.

**Table 1.4**  
**AIDS Case Reports by AGE and YEAR OF DIAGNOSIS – TOTAL, 2000 to 2006**

Age	AIDS	2000	2001	2002	2003	2004	2005	2006	TOTAL
<15	cases	2	2	1	-	-	-	-	5
	rate	0.3	0.3	0.1					
15 to 19	cases	-	-	-	1	-	-	-	1
	rate				0.4				
20 to 29	cases	12	9	7	10	8	4	8	58
	rate	2.2	1.7	1.3	1.8	1.4	0.7	1.4	
30 to 39	cases	61	30	35	43	29	24	18	240
	rate	9.4	4.7	5.5	6.9	4.8	4.0	3.0	
40 to 49	cases	48	21	34	30	39	50	31	253
	rate	7.3	3.1	5.0	4.3	5.6	7.1	4.4	
50+	cases	29	24	27	32	22	30	22	186
	rate	2.5	2.0	2.1	2.5	1.6	2.2	1.5	
<b>total*</b>	<b>cases</b>	<b>152</b>	<b>86</b>	<b>104</b>	<b>116</b>	<b>98</b>	<b>108</b>	<b>79</b>	<b>743</b>
	<b>rate</b>	<b>3.76</b>	<b>2.11</b>	<b>2.53</b>	<b>2.79</b>	<b>2.33</b>	<b>2.54</b>	<b>1.83</b>	

total\* - Includes transgendered persons.

RATE is per 100,000 population.

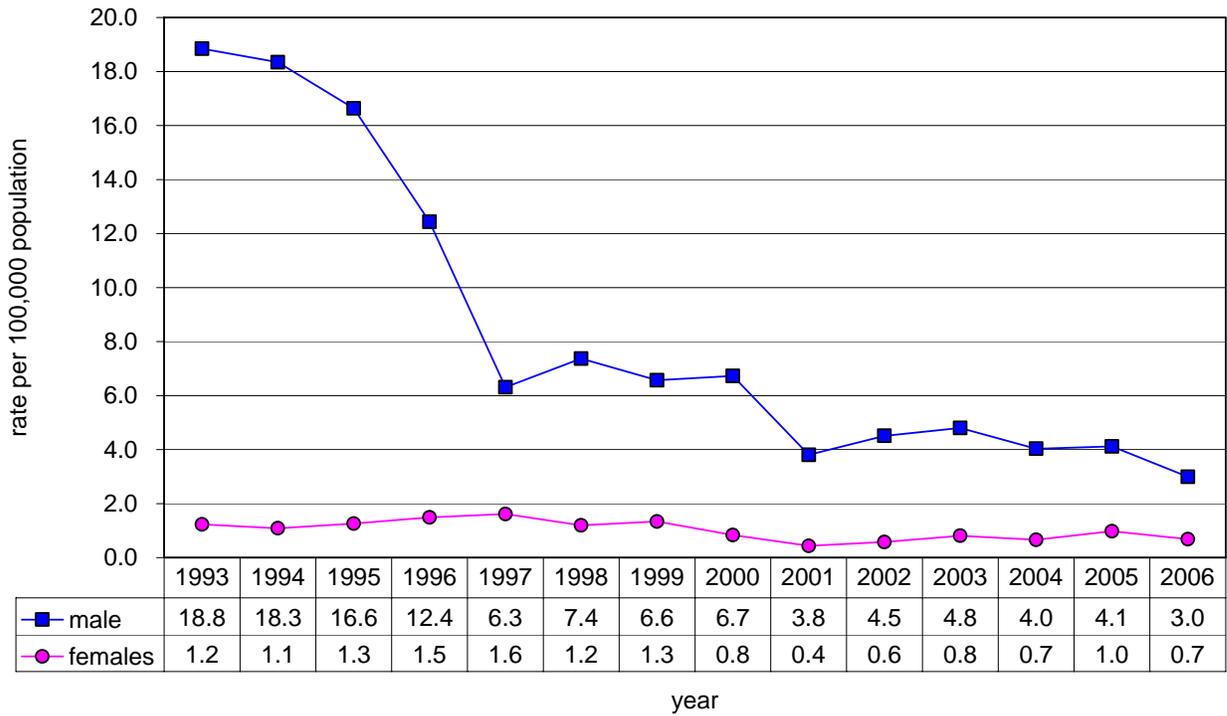
TOTAL column to the far right is cumulative from 2000 to 2006 December 31.

**Table 1.5**  
**Total AIDS Case Reports by AGE and GENDER – CUMULATIVE 1983 to 2006**

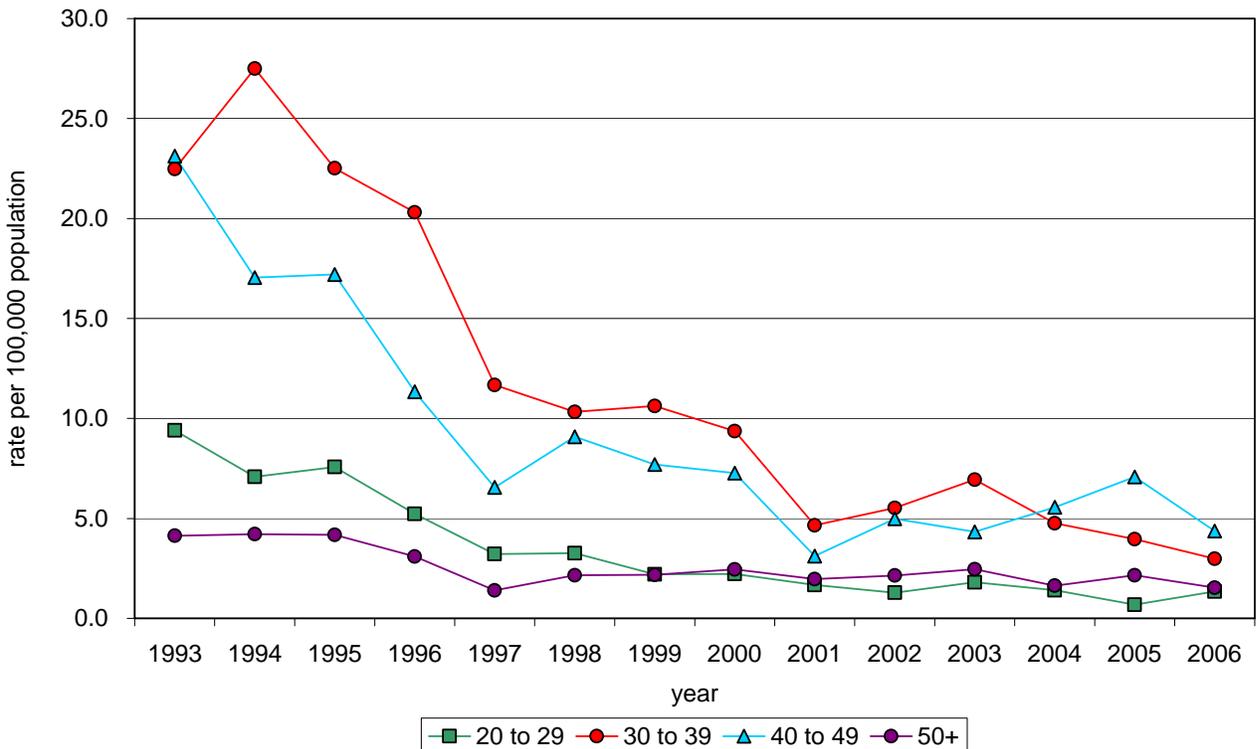
Age	Males	Females	TOTAL*
<15	14	10	24
15 to 19	10	3	13
20 to 29	455	65	520
30 to 39	1,622	130	1,754
40 to 49	1,158	86	1,244
50+	511	29	540
<b>total</b>	<b>3,770</b>	<b>323</b>	<b>4,095</b>

TOTAL\* column to the far right is cumulative from 1983 to 2006 December 31, and includes transgendered persons.

**Graph 1.2**  
**AIDS Case Reports in BC by GENDER and YEAR OF DIAGNOSIS,**  
**1993 to 2006**



**Graph 1.3**  
**AIDS Case Reports in BC by AGE and YEAR OF DIAGNOSIS, 1993 to 2006**



**Table 1.6**  
**AIDS Case Reports by RISK CATEGORY, GENDER and YEAR OF DIAGNOSIS, 2000 to 2006**

Risk Category	AIDS	2000	2001	2002	2003	2004	2005	2006	TOTAL
MSM or WSW	males	68	30	27	11	14	21	7	178
	females	-	-	-	-	-	-	-	-
	total	68	30	27	11	14	21	7	178
MSM/IDU or WSW/IDU	males	5	3	3	2	2	2	-	17
	females	-	-	-	-	-	-	-	-
	total	5	3	3	2	2	2	-	17
IDU	males	25	12	18	23	18	15	16	127
	females	8	3	4	5	6	10	6	42
	total	33	15	22	28	24	25	22	169
heterosexual contact	males	10	3	6	5	11	14	9	58
	females	4	3	2	5	2	4	1	21
	total	14	6	8	10	13	18	10	79
hemophiliac	males	-	1	-	-	-	-	-	1
	females	-	-	-	-	-	-	-	-
	total	-	1	-	-	-	-	-	1
blood/BP recipient	males	3	1	1	-	-	-	-	5
	females	-	-	-	1	1	-	-	2
	total	3	1	1	1	1	-	-	7
perinatal	males	1	1	-	-	-	-	-	2
	females	-	-	-	-	-	-	-	-
	total	1	1	-	-	-	-	-	2
occupational exposure	males	-	-	1	-	-	-	-	1
	females	-	-	-	-	-	-	-	-
	total	-	-	1	-	-	-	-	1
unknown	males	23	26	36	58	39	35	32	249
	females	5	3	6	6	5	7	8	40
	total	28	29	42	64	44	42	40	289
<b>total*</b>	<b>males</b>	<b>135</b>	<b>77</b>	<b>92</b>	<b>99</b>	<b>84</b>	<b>87</b>	<b>64</b>	<b>638</b>
	<b>females</b>	<b>17</b>	<b>9</b>	<b>12</b>	<b>17</b>	<b>14</b>	<b>21</b>	<b>15</b>	<b>105</b>
	<b>total</b>	<b>152</b>	<b>86</b>	<b>104</b>	<b>116</b>	<b>98</b>	<b>108</b>	<b>79</b>	<b>743</b>

total\* - Includes transgendered persons.

TOTAL column to the far right is cumulative from 2000 to 2006 December 31.

MSM – men who have sex with men

WSW – women who have sex with women

IDU – injection drug user

HET – heterosexual contact

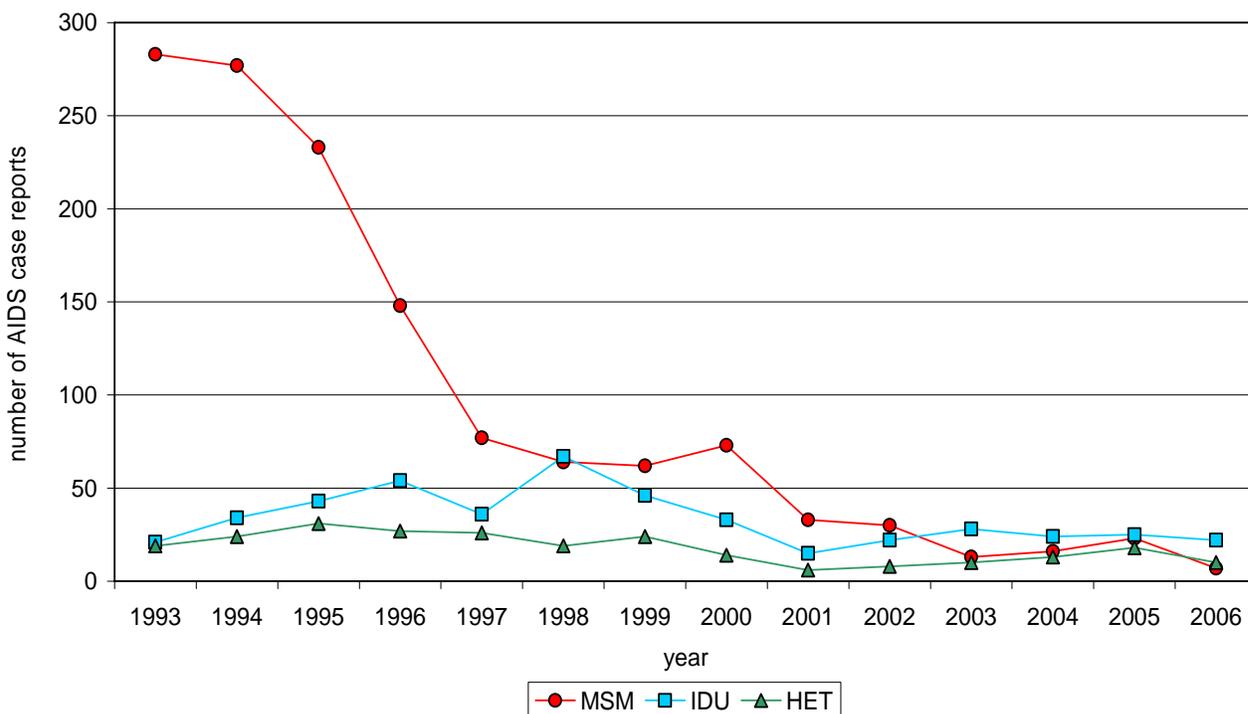
blood/BP recipient – blood or blood product recipient

**Table 1.7**  
**Total AIDS Case Reports by RISK CATEGORY and GENDER - CUMULATIVE 1983 to 2006**

Risk Category	Males	Females	TOTAL*
MSM or WSW	2,571	-	2,572
MSM/IDU or WSW/IDU	176	1	178
IDU	363	138	501
heterosexual contact	181	101	282
hemophiliac	26	1	27
blood/RP recipient	22	15	37
perinatal	9	5	14
occupational exposure	2	-	2
unknown	420	62	482
<b>total</b>	<b>3,770</b>	<b>323</b>	<b>4,095</b>

TOTAL\* column to the far right is cumulative from 1983 to 2006 December 31, and includes transgendered persons.

**Graph 1.4**  
**AIDS Case Reports in BC by RISK CATEGORY and YEAR OF DIAGNOSIS, 1993 to 2006**



**Table 1.8**  
**AIDS Case Reports by ETHNICITY, GENDER and YEAR OF DIAGNOSIS, 2000 to 2006**

Ethnicity	AIDS	2000	2001	2002	2003	2004	2005	2006	TOTAL
Caucasian	males	101	48	45	38	42	42	24	340
	females	5	3	2	6	4	7	3	30
	total	106	51	47	44	46	49	27	370
First Nations	males	8	5	5	8	6	8	4	44
	females	4	1	2	1	2	2	1	13
	total	12	6	7	9	8	10	5	57
Inuit	males	-	1	1	-	-	-	-	2
	females	-	-	-	-	-	-	-	-
	total	-	1	1	-	-	-	-	2
Metis	males	1	-	-	1	1	1	-	4
	females	-	-	-	-	-	-	-	-
	total	1	-	-	1	1	1	-	4
Asian	males	3	-	3	3	6	4	-	19
	females	-	-	-	1	1	-	-	2
	total	3	-	3	4	7	4	-	21
South Asian	males	1	1	2	2	1	-	-	7
	females	-	-	-	-	-	-	-	-
	total	1	1	2	2	1	-	-	7
Black	males	2	-	3	4	4	3	-	16
	females	2	1	2	2	-	1	2	10
	total	4	1	5	6	4	4	2	26
Hispanic	males	3	3	5	3	-	3	3	20
	females	-	1	-	-	-	-	-	1
	total	3	4	5	3	-	3	3	21
Arab/West Asian	males	1	-	1	-	-	-	-	2
	females	-	-	-	-	-	-	-	-
	total	1	-	1	-	-	-	-	2
other	males	-	-	-	2	-	-	1	3
	females	-	-	-	-	1	-	-	1
	total	-	-	-	2	1	-	1	4
unknown	males	15	19	27	38	24	26	32	181
	females	6	3	6	7	6	11	9	48
	total	21	22	33	45	30	37	41	229
<b>total*</b>	<b>males</b>	<b>135</b>	<b>77</b>	<b>92</b>	<b>99</b>	<b>84</b>	<b>87</b>	<b>64</b>	<b>638</b>
	<b>females</b>	<b>17</b>	<b>9</b>	<b>12</b>	<b>17</b>	<b>14</b>	<b>21</b>	<b>15</b>	<b>105</b>
	<b>total</b>	<b>152</b>	<b>86</b>	<b>104</b>	<b>116</b>	<b>98</b>	<b>108</b>	<b>79</b>	<b>743</b>

total\* - Includes transgendered persons.

TOTAL column to the far right is cumulative from 2000 to 2006 December 31.

**Table 1.9**  
**Total AIDS Case Reports by ETHNICITY and GENDER – CUMULATIVE 1983 to 2006**

Ethnicity	Males	Females	TOTAL*
Caucasian	2,751	149	2,901
First Nations	194	62	257
Inuit	6	1	7
Metis	11	-	11
Asian	69	7	76
South Asian	34	3	37
Black	59	23	82
Hispanic	57	4	61
Arab/West Asian	11	-	11
other	29	3	32
unknown	549	71	620
<b>total</b>	<b>3,770</b>	<b>323</b>	<b>4,095</b>

TOTAL\* column to the far right is cumulative from **1983 to 2006** December 31, and includes transgendered persons.

**Table 1.10**  
**AIDS Case Reports by HEALTH SERVICE DELIVERY AREA\***  
**and YEAR OF DIAGNOSIS, 2000 to 2006**

HA	HSDA	AIDS	2000	2001	2002	2003	2004	2005	2006	TOTAL
Fraser	Fraser East	cases	1	1	3	1	2	5	-	13
		rate	0.4	0.4	1.2	0.4	0.8	1.9		
	Fraser North	cases	9	9	13	8	10	14	11	74
		rate	1.7	1.7	2.4	1.4	1.8	2.5	1.9	
	Fraser South	cases	9	4	9	6	6	8	4	46
		rate	1.5	0.7	1.5	1.0	0.9	1.2	0.6	
Interior	East Kootenay	cases	-	2	-	-	-	3	2	7
		rate		2.5				3.8	2.6	
	Kootenay Boundary	cases	-	-	2	1	-	-	1	4
		rate			2.5	1.3			1.3	
	Okanagan	cases	5	4	4	5	2	3	3	26
		rate	1.6	1.3	1.3	1.6	0.6	0.9	0.9	
	Thompson Cariboo Shuswap	cases	3	2	2	3	2	2	1	15
		rate	1.4	0.9	0.9	1.4	0.9	0.9	0.5	
Northern	Northeast	cases	-	-	-	-	1	-	-	1
		rate					1.5			
	Northern Interior	cases	1	5	1	3	3	2	2	17
		rate	0.7	3.3	0.7	2.0	2.0	1.4	1.4	
	Northwest	cases	1	-	-	1	4	-	-	6
		rate	1.2			1.2	5.0			
Vancouver Coastal	North Shore/Coast Garibaldi	cases	11	4	2	4	3	5	1	30
		rate	4.2	1.5	0.7	1.5	1.1	1.8	0.4	
	Richmond	cases	3	4	3	5	1	4	2	22
		rate	1.8	2.3	1.7	2.8	0.6	2.2	1.1	
	Vancouver	cases	85	35	51	55	47	51	29	353
		rate	14.9	6.0	8.7	9.3	7.8	8.4	4.7	
Vancouver Island	Central Vancouver Island	cases	5	3	2	4	3	-	5	22
		rate	2.1	1.3	0.8	1.6	1.2		1.9	
	North Vancouver Island	cases	2	-	1	3	1	-	1	8
		rate	1.7		0.9	2.6	0.9		0.8	
	South Vancouver Island	cases	10	9	9	12	12	10	17	79
		rate	3.0	2.6	2.6	3.4	3.4	2.8	4.7	
Unknown	Unknown	cases	6	3	2	5	1	1	-	18
Non-BC residents	Non-BC residents	cases	1	1	-	-	-	-	-	2
<b>total</b>		<b>cases</b>	<b>152</b>	<b>86</b>	<b>104</b>	<b>116</b>	<b>98</b>	<b>108</b>	<b>79</b>	<b>743</b>
		<b>rate</b>	<b>3.8</b>	<b>2.1</b>	<b>2.5</b>	<b>2.8</b>	<b>2.3</b>	<b>2.5</b>	<b>1.8</b>	

HSDA\* - An AIDS case report, by year of diagnosis, is designated to the appropriate HSDA according to the patient's place of residence at the time of his/her diagnosis of AIDS (i.e. first disease indicative of AIDS). The HSDA is unknown when the patient address, physician address and/or clinic address are all missing from the data.

HA – Health Authority

HSDA – Health Service Delivery Area

Rate is per 100,000 population.

TOTAL column to far right is cumulative from **2000 to 2006** December 31.

**Table 1.11**  
**Total AIDS Case Reports by HEALTH SERVICE DELIVERY AREA\* -**  
**CUMULATIVE 1983 - 2006**

HA	HSDA	TOTAL
Fraser	Fraser East	62
	Fraser North	246
	Fraser South	181
Interior	East Kootenay	15
	Kootenay Boundary	27
	Okanagan	90
	Thompson Cariboo Shuswap	45
Northern	Northeast	7
	Northern Interior	42
	Northwest	20
Vancouver Coastal	North Shore/Coast Garibaldi	167
	Richmond	68
	Vancouver	2,633
Vancouver Island	Central Vancouver Island	85
	North Vancouver Island	24
	South Vancouver Island	343
Unknown	Unknown	33
Non-BC residents	Non-BC residents	7
<b>total</b>		<b>4,095</b>

HSDA\* - An AIDS case report, by year of diagnosis, is designated to the appropriate HSDA according to the patient's place of residence at the time of his/her diagnosis of AIDS (i.e. first disease indicative of AIDS). The HSDA is unknown when the patient address, physician address and/or clinic address are all missing from the data.

HA – Health Authority

HSDA – Health Service Delivery Area

TOTAL\* column to the far right is cumulative from **1983 to 2006** December 31.

**Table 1.12**  
**AIDS Case Reports by FIRST DISEASE INDICATIVE OF AIDS and YEAR OF DIAGNOSIS,**  
**1983 to 2006**

Year of Diagnosis	KS	PCP	OI	OM	HIV WS	HIV ENC	PED	TOTAL
1983	1	3	3	-	-	-	-	7
1984	15	8	6	-	-	-	-	29
1985	15	29	12	6	-	-	-	62
1986	27	52	21	6	-	-	-	106
1987	25	76	22	8	2	1	-	134
1988	33	91	28	10	6	7	-	175
1989	52	117	37	6	6	5	-	223
1990	40	96	53	15	8	12	-	224
1991	45	120	69	7	14	10	-	265
1992	51	131	100	12	16	12	-	322
1993	46	115	132	16	33	14	1	357
1994	52	121	124	15	28	16	-	356
1995	48	107	126	5	29	21	1	337
1996	35	81	107	11	24	11	-	269
1997	16	41	66	11	13	10	-	157
1998	15	64	54	6	29	2	-	170
1999	14	62	55	5	15	8	-	159
2000	17	61	47	10	11	6	-	152
2001	7	27	29	4	14	4	1	86
2002	12	36	36	7	7	6	-	104
2003	7	39	51	4	10	5	-	116
2004	7	45	26	4	13	3	-	98
2005	14	40	33	5	11	5	-	108
2006	6	25	34	4	8	2	-	79
<b>total</b>	<b>600</b>	<b>1,587</b>	<b>1,271</b>	<b>177</b>	<b>297</b>	<b>160</b>	<b>3</b>	<b>4,095</b>

KS – Kaposi's sarcoma

PCP – Pneumocystis carinii pneumonia

OI – other opportunistic infections

OM – other malignancies

HIV WS – Wasting syndrome due to HIV

HIV ENC – Encephalopathy, HIV-related

PED – diseases affecting pediatric cases only

## HIV IN BRITISH COLUMBIA

On 1 May 2003, HIV was added to the Health Act as a reportable disease in British Columbia. HIV was added to the list of reportable diseases to facilitate patient follow-up and the notification and counseling of the partners of persons who have tested positive for HIV. Partner notification and counseling is standard public health practice for sexually transmitted infections and has been shown to reach people at high risk for infection. As of 1 May 2003, regional public health nurses follow-up each new positive HIV case by contacting the health care provider who ordered the test. Public health offers assistance with confidential and, when requested, anonymous counseling of partners. Public health is also available to provide resources and additional support to newly diagnosed HIV positive persons.

In BC, persons testing for HIV have the option to test with or without their name appearing on the test requisition (i.e., nominal and non-nominal testing). If a person selects the non-nominal option, he or she may test using only initials and a date of birth, and their name is not reported to the Medical Health Officer.

### Interpretation of HIV Tables:

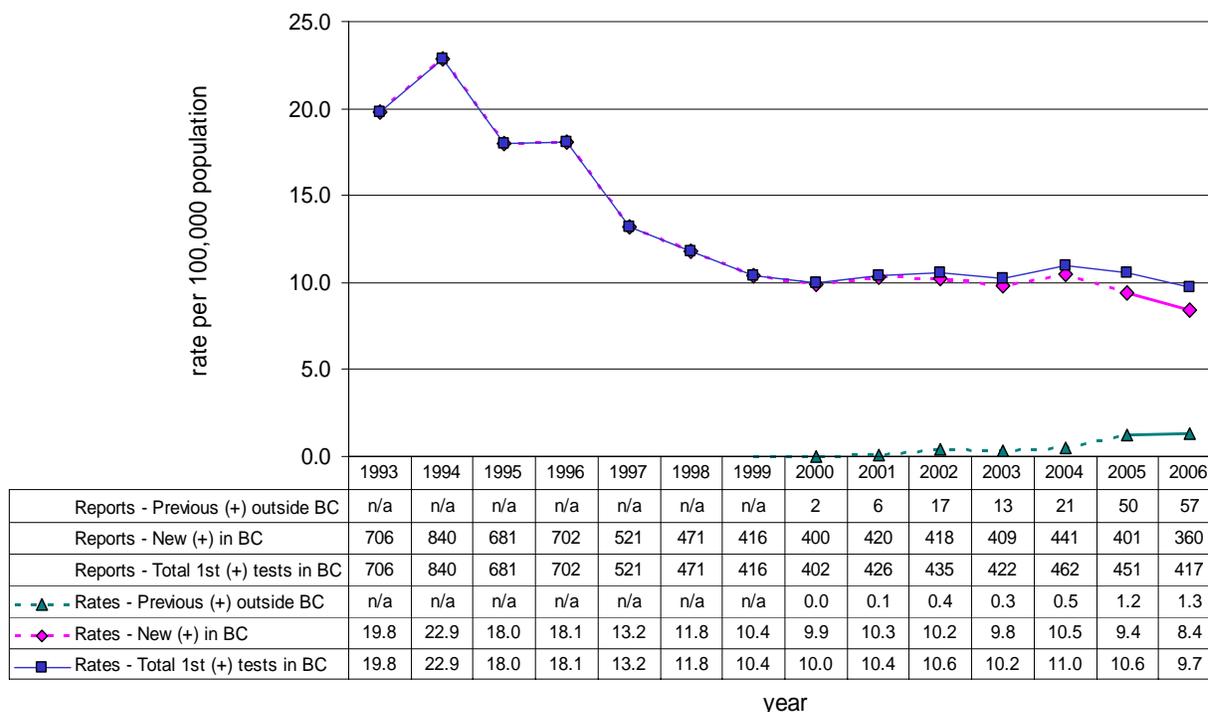
For HIV tests reported between 1985 and 1994, duplicates were removed by automated methods only. Since 1995, HIV test reports have been carefully examined by both automated and manual methods, further improving the detection of duplicates. In addition, in 2006-2007, BCCDC developed improved algorithms for the detection and elimination of duplicate HIV tests in the surveillance data; these algorithms have been applied to all data from 1995 and onwards.

With the implementation of the HIV reporting process in 2003 and the development of an enhanced system of follow-up through public health HIV nurses around the province, the follow-up of reported HIV cases and the collection of HIV-related history has markedly improved. Accordingly, public health authorities have been better able to distinguish between true new positive HIV tests in BC, and individuals with a first positive test in BC who have previously tested positive outside of BC. The improved identification and exclusion of these previous positive HIV cases has contributed to the observed decline in the new positive HIV rate since 2004 (see Graph 2.1). However, because insufficient historical information does not allow for re-classification of individuals with previously positive HIV tests outside BC, caution is advised in interpretation of trends in reported numbers or rates of newly positive HIV infections prior to 2005.

In 2006, the total number of individuals with new positive HIV tests in BC was 360, which is lower than both 2004 and 2005 (Graph 2.1), and is the lowest reported number of newly diagnosed cases in the past decade. While the decline in the number of new positive HIV tests in 2006 versus 2005 and 2004 is not statistically significant, this decline may be interpreted as evidence that HIV transmission rates are decreasing. However, this decline is in part an artifact, due to the improved identification of individuals previously testing HIV positive outside of BC. If one adds individuals with new positive HIV tests in BC and individuals with previously positive HIV tests outside of BC, the total number of reported first positive HIV tests in BC in 2006 increases from 362 to 417. Thus, while the number of individuals whose first positive HIV test was performed in BC best reflects the risk of HIV infection in BC, the total of these two numbers may be the best indicator of new service needs of individuals with HIV, including the need for treatment.

**The number and rate of new positive HIV infections in BC is the best proxy indicator for HIV incidence in BC, and is the measure used in this report. For the reasons cited in the above paragraph, caution is advised in the interpretation of trends in reported numbers or rates of newly diagnosed HIV infections prior to 2005.**

**Graph 2.1**  
**Reported positive HIV test rates in BC, 1993 to 2006\***



\* Caution is advised in the interpretation of trends prior to 2005

Note: solid line indicates greater reliability of data; dashed line indicates reduced reliability of data.

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Division of HIV/AIDS Surveillance, Bureau of HIV/AIDS and STD, Laboratory Centre for Disease Control, Health Protection Branch, Health Canada, for their financial contribution to the initial phases of this HIV surveillance project.

**Table 2.1**  
**Persons Testing Newly Positive for HIV by YEAR OF TESTING, 1985 to 2006**

Year	Persons	Rate	Tests
1985	220	7.4	1,362
1986	670	22.3	5,328
1987	929	30.5	35,783
1988	746	23.9	28,866
1989	726	22.7	30,304
1990	645	19.6	38,025
1991	704	20.9	54,354
1992	788	22.7	84,368
1993	706	19.8	92,651
1994	840	22.9	104,024
1995	681	18.0	129,938
1996	702	18.1	138,022
1997	521	13.2	140,077
1998	471	11.8	137,437
1999	416	10.4	135,002
2000	400	9.9	134,808
2001	420	10.3	135,049
2002	418	10.2	145,429
2003	409	9.8	142,547
2004	441	10.5	153,592
2005	401	9.4	160,323
2006	360	8.4	170,690
<b>TOTAL:</b>	12,614	-	2,197,979

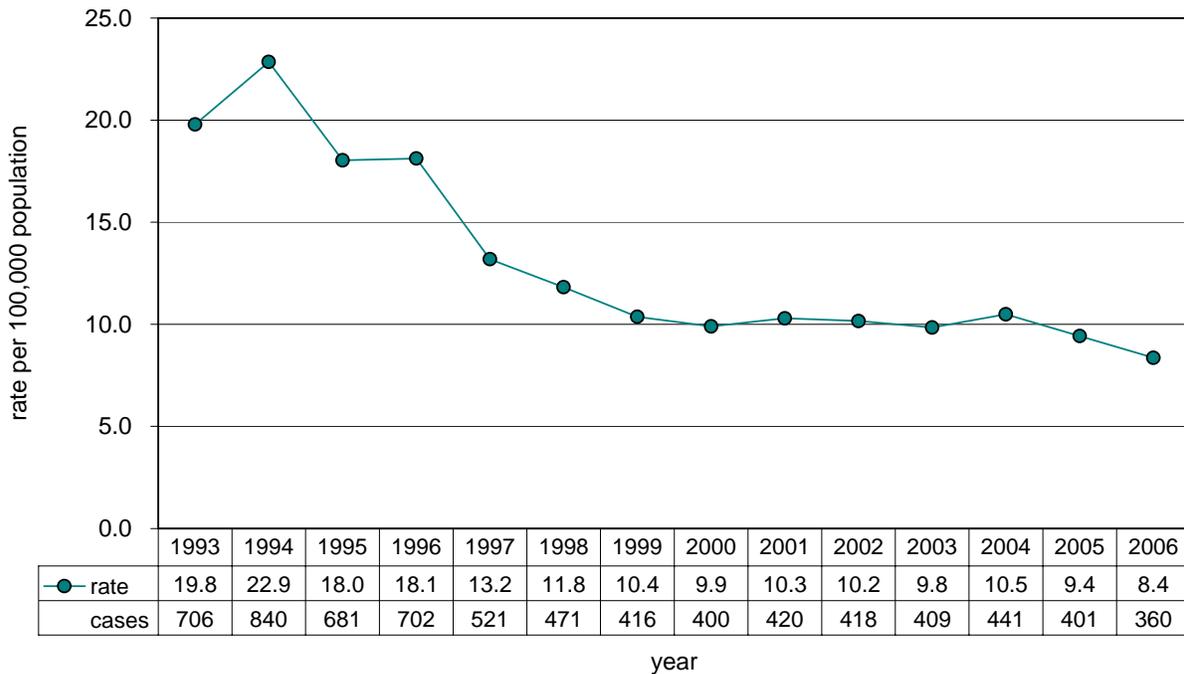
TESTS is the number of HIV tests performed, positive and negative, at the BCCDC and PHSA Laboratory Services.

RATE is per 100,000 population.

1985 annual total is for the months of October, November and December only.

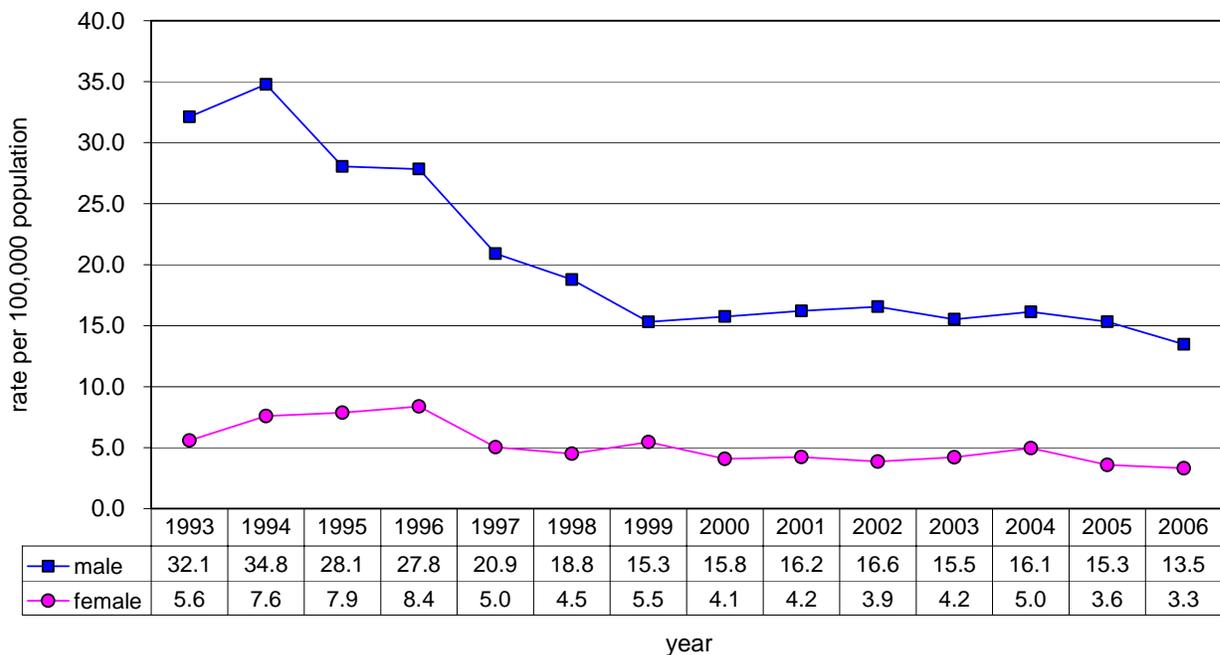
\* Caution is advised when interpreting trends prior to 2005 (see Interpretation of HIV Tables, page 13)

**Graph 2.2**  
**Persons Testing Newly Positive for HIV in BC by YEAR OF TESTING,**  
**1993 to 2006\***



\* Caution is advised in the interpretation of trends prior to 2005 (see page 13)

**Graph 2.3**  
**Persons Testing Newly Positive for HIV in BC by GENDER and YEAR OF**  
**TESTING, 1993 to 2006\***



\* Caution is advised in the interpretation of trends prior to 2005 (see page 13)

**Table 2.2**  
**Persons Testing Newly Positive for HIV by AGE and YEAR OF TESTING – MALES,**  
**2000 to 2006**

Age	HIV	2000	2001	2002	2003	2004	2005	2006	TOTAL
<18 mos	persons	-	1	-	-	-	-	1	2
	rate		3.2					3.2	
18 mos to 14 yrs	persons	1	1	-	1	-	-	1	4
	rate	0.3	0.3		0.3			0.3	
< 15 yrs	tests	606	598	621	592	568	574	660	4,219
15 to 19	persons	3	2	1	2	2	2	3	15
	rate	2.1	1.4	0.7	1.4	1.4	1.4	2.1	
	tests	2,671	2,628	2,862	2,691	2,759	2,918	3,167	19,696
20 to 29	persons	60	61	46	44	49	41	53	354
	rate	22.0	22.4	16.7	15.7	17.0	13.9	17.6	
	tests	15,316	14,882	16,377	15,973	16,907	18,662	19,830	117,947
30 to 39	persons	117	114	124	105	99	110	86	755
	rate	36.0	35.5	39.4	34.1	32.7	36.6	28.7	
	tests	14,861	14,598	15,547	14,300	14,989	15,748	16,047	106,090
40 to 49	persons	85	100	105	99	121	107	81	698
	rate	25.9	30.1	31.1	28.9	34.8	30.6	23.2	
	tests	9,938	10,523	10,909	10,647	11,704	12,044	12,582	78,347
50+	persons	49	47	61	69	65	63	62	416
	rate	8.7	8.1	10.2	11.1	10.1	9.5	9.0	
	tests	7,086	7,359	8,317	8,147	9,591	9,981	11,427	61,908
unknown	persons	1	2	1	-	-	-	-	4
	tests	290	230	205	154	123	135	105	1,242
<b>total:</b>	<b>persons</b>	<b>316</b>	<b>328</b>	<b>338</b>	<b>320</b>	<b>336</b>	<b>323</b>	<b>287</b>	<b>2,248</b>
	<b>rate</b>	<b>15.8</b>	<b>16.2</b>	<b>16.6</b>	<b>15.5</b>	<b>16.1</b>	<b>15.3</b>	<b>13.5</b>	
	<b>tests</b>	<b>50,768</b>	<b>50,818</b>	<b>54,838</b>	<b>52,504</b>	<b>56,641</b>	<b>60,062</b>	<b>63,818</b>	<b>389,449</b>

TOTAL column to far right is cumulative from **2000 to 2006** December 31.

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC and PHSA Laboratory Services.

RATE is per 100,000 population.

\* Caution is advised when interpreting trends prior to 2005 (see Interpretation of HIV Tables, page 13)

**Table 2.3**  
**Persons Testing Newly Positive for HIV by AGE and YEAR OF TESTING – FEMALES,**  
**2000 to 2006**

Age	HIV	2000	2001	2002	2003	2004	2005	2006	TOTAL
< 18 mos	persons	-	-	-	-	-	-	-	-
	rate								
18 mos to 14 yrs	persons	-	1	1	-	4	1	1	8
	rate		0.3	0.3		1.3	0.3	0.3	
< 15 yrs	tests	903	838	851	794	869	768	864	5,887
15 to 19	persons	4	8	4	2	3	3	2	26
	rate	3.0	5.9	2.9	1.5	2.2	2.2	1.5	
	tests	7,629	7,165	7,196	6,811	6,834	6,676	7,035	49,346
20 to 29	persons	26	35	22	26	29	18	24	180
	rate	9.8	13.2	8.2	9.5	10.4	6.3	8.2	
	tests	32,110	31,956	33,948	33,427	35,789	37,994	40,804	246,028
30 to 39	persons	24	28	35	33	38	19	24	201
	rate	7.4	8.7	11.0	10.6	12.4	6.2	7.9	
	tests	27,433	27,598	29,554	29,606	31,546	32,713	35,164	213,614
40 to 49	persons	25	14	15	19	26	25	11	135
	rate	7.5	4.1	4.4	5.4	7.3	7.0	3.1	
	tests	9,028	9,013	9,726	9,508	10,357	10,683	11,524	69,839
50+	persons	4	1	3	8	5	11	10	42
	rate	0.6	0.2	0.5	1.2	0.7	1.5	1.3	
	tests	4,492	4,562	5,406	5,245	5,772	6,449	7,840	39,766
unknown	persons	-	-	-	-	-	-	-	-
	tests	336	348	282	596	1,328	245	142	3,277
<b>total:</b>	<b>persons</b>	<b>83</b>	<b>87</b>	<b>80</b>	<b>88</b>	<b>105</b>	<b>77</b>	<b>72</b>	<b>592</b>
	<b>rate</b>	<b>4.1</b>	<b>4.2</b>	<b>3.9</b>	<b>4.2</b>	<b>5.0</b>	<b>3.6</b>	<b>3.3</b>	
	<b>tests</b>	<b>81,931</b>	<b>81,480</b>	<b>86,963</b>	<b>85,987</b>	<b>92,495</b>	<b>95,528</b>	<b>103,373</b>	<b>627,757</b>

TOTAL column to far right is cumulative from **2000 to 2006** December 31.

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC and PHSA Laboratory Services.

RATE is per 100,000 population.

\* Caution is advised when interpreting trends prior to 2005 (see Interpretation of HIV Tables, page 13)

**Table 2.4**  
**Persons Testing Newly Positive for HIV by AGE and YEAR OF TESTING – GENDER**  
**UNKNOWN, 2000 to 2006**

Age	HIV	2000	2001	2002	2003	2004	2005	2006	TOTAL
< 18 mos	persons	-	-	-	-	-	-	-	-
18 mos to 14 yrs	persons	-	-	-	-	-	-	-	-
< 15 yrs	tests	36	44	59	52	69	64	108	432
15 to 19	persons	-	-	-	-	-	-	-	-
	tests	154	205	241	284	307	341	244	1,776
20 to 29	persons	-	1	-	-	-	-	-	1
	tests	546	746	887	1,011	1,100	1,246	941	6,477
30 to 39	persons	-	2	-	-	-	-	-	2
	tests	439	599	646	787	840	779	575	4,665
40 to 49	persons	-	-	-	-	-	-	-	-
	tests	239	323	383	526	596	576	422	3,065
50+	persons	-	1	-	-	-	-	-	1
	tests	228	310	453	661	786	765	492	3,695
unknown	persons	-	1	-	1	-	-	1	3
	tests	467	524	959	735	758	962	710	5,115
<b>total:</b>	<b>persons</b>	<b>-</b>	<b>5</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>7</b>
	<b>tests</b>	<b>2,109</b>	<b>2,751</b>	<b>3,628</b>	<b>4,056</b>	<b>4,456</b>	<b>4,733</b>	<b>3,492</b>	<b>25,225</b>

TOTAL column to far right is cumulative from **2000 to 2006** December 31.

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC and PHSA Laboratory Services.

RATE is per 100,000 population.

\* Caution is advised when interpreting trends prior to 2005 (see Interpretation of HIV Tables, page 13)

**Table 2.5**  
**Persons Testing Newly Positive for HIV by AGE and YEAR OF TESTING – TOTAL,**  
**2000 to 2006**

Age	HIV	2000	2001	2002	2003	2004	2005	2006	TOTAL
<15 yrs	persons	1	3	1	1	4	1	3	14
	rate	0.1	0.4	0.1	0.1	0.6	0.1	0.4	
	tests	1,545	1,480	1,531	1,438	1,506	1,406	1,632	10,538
15 to 19	persons	7	10	5	4	5	5	5	41
	rate	2.5	3.6	1.8	1.4	1.8	1.8	1.8	
	tests	10,454	9,998	10,299	9,786	9,900	9,935	10,447	70,819
20 to 29	persons	86	97	68	70	78	59	77	535
	rate	16.0	18.0	12.5	12.6	13.7	10.2	13.0	
	tests	47,972	47,584	51,212	50,411	53,796	57,902	61,579	370,456
30 to 39	persons	142	144	159	138	137	130	110	960
	rate	21.8	22.4	25.1	22.3	22.5	21.5	18.2	
	tests	42,733	42,795	45,747	44,693	47,375	49,240	51,787	324,370
40 to 49	persons	110	114	120	118	147	132	92	833
	rate	16.7	17.0	17.6	17.0	21.0	18.7	13.0	
	tests	19,205	19,859	21,018	20,681	22,657	23,303	24,528	151,251
50+	persons	53	49	64	77	70	74	72	459
	rate	4.5	4.0	5.1	5.9	5.2	5.3	5.0	
	tests	11,806	12,231	14,176	14,053	16,149	17,195	19,760	105,370
unknown	persons	1	3	1	1	-	-	1	7
	tests	1,093	1,102	1,446	1,485	2,209	1,342	957	9,634
total*:	persons	400	420	418	409	441	401	360	2,849
	rate	9.9	10.3	10.2	9.8	10.5	9.4	8.4	
	tests	134,808	135,049	145,429	142,547	153,592	160,323	170,690	1,042,438

total\* - Includes transgendered persons.

TOTAL column to far right is cumulative from **2000 to 2006** December 31.

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC and PHSA Laboratory Services.  
 RATE is per 100,000 population.

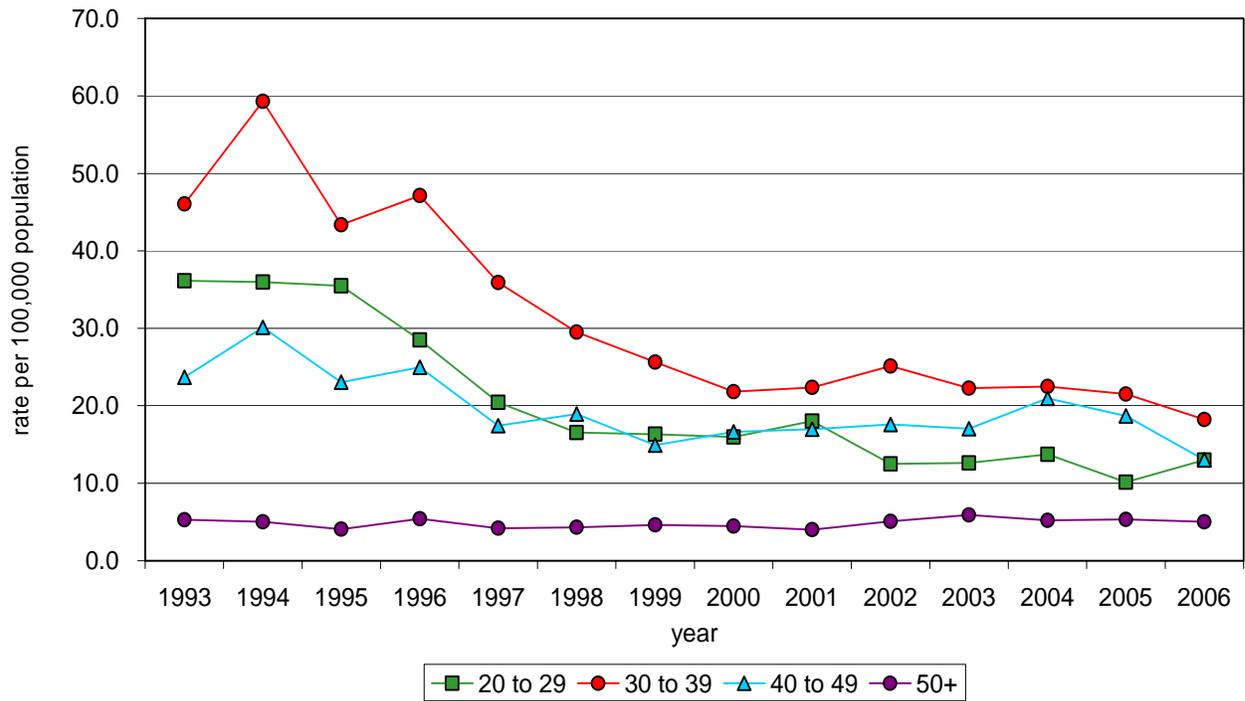
\* Caution is advised when interpreting trends prior to 2005 (see Interpretation of HIV Tables, page 13)

**Table 2.6**  
**Total Persons Testing Newly Positive for HIV by AGE – CUMULATIVE, 1985 to 2006**

Age	HIV	Males	Females	Unspecified	TOTAL*
< 18 mos	persons	12	6	1	19
18 mos to 14 yrs	persons	33	16	3	52
< 15 yrs	persons				71
	tests	11,565	15,063	1,024	27,652
15 to 19	persons	88	73	7	168
	tests	42,491	109,316	4,179	155,987
20 to 29	persons	2,512	578	72	3,162
	tests	267,439	499,969	19,350	786,762
30 to 39	persons	4,176	659	112	4,949
	tests	248,780	414,688	15,140	678,609
40 to 49	persons	2,360	302	59	2,721
	tests	159,777	138,450	7,612	305,839
50+	persons	1,041	85	22	1,148
	tests	114,934	74,150	7,082	196,167
unknown	persons	262	36	97	395
	tests	12,603	16,542	17,818	46,963
total	persons	10,484	1,755	373	12,614
	tests	857,589	1,268,178	72,205	2,197,979

\* TOTAL column to far right is cumulative from **1985 to 2006** December 31, and includes transgendered persons.

**Graph 2.4**  
**Persons testing newly positive for HIV in BC by AGE and YEAR OF TESTING, 1993 to 2006\***



\* Caution is advised in the interpretation of trends prior to 2005 (see page 13)

**Table 2.7**  
**Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR OF TESTING –**  
**MALES, 2000 to 2006**

Risk Category	2000	2001	2002	2003	2004	2005	2006	TOTAL
MSM	131	128	145	145	168	169	141	1,027
MSM/IDU	10	17	11	14	18	11	13	94
IDU	88	88	102	84	83	74	66	585
heterosexual contact	38	58	62	65	54	55	40	372
sex trade worker (STW)	-	-	-	-	-	1	1	2
STW/IDU	1	-	-	-	1	-	-	2
hemophiliac	1	-	-	-	-	-	-	1
blood/BP recipient (1)	4	2	6	4	4	3	6	29
occupational EXP (2)	-	1	1	-	-	-	-	2
other (3)	8	4	3	4	4	4	5	32
perinatal (4)	-	1	-	-	-	-	2	3
no identified risk	-	-	-	1	2	-	1	4
unknown	35	29	8	3	2	6	12	95
<b>total:</b>	<b>316</b>	<b>328</b>	<b>338</b>	<b>320</b>	<b>336</b>	<b>323</b>	<b>287</b>	<b>2,248</b>

TOTAL column to far right is cumulative from 2000 to 2006 December 31.

For 2006, not all risk data was available at the time of this publication and thus these HIV cases were noted as "unknown" in the appropriate tables. As this risk data becomes available it will be published in future reports.

Since 2002, risk data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed is no longer published in the HIV tables associated with risk.

\* Caution is advised when interpreting trends prior to 2005 (see Interpretation of HIV Tables, page 13)

MSM – men who have sex with men (includes males who self-identify as bisexual)

IDU – injection drug user

HET – heterosexual contact

blood/BP recipient – blood or blood product recipient

occupational EXP – occupational exposure

(1), (2), (3), and (4) – refer to HIV FOOTNOTES on page 33.

**Table 2.8**  
**Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR OF TESTING –**  
**FEMALES, 2000 to 2006**

Risk Category	2000	2001	2002	2003	2004	2005	2006	TOTAL
WSW	-	1	-	1	-	-	-	2
IDU	25	27	37	21	19	23	18	170
heterosexual contact	28	43	24	33	42	24	28	222
sex trade worker (STW)	1	-	-	1	2	2	-	6
STW/IDU	19	12	16	25	35	21	19	147
hemophiliac	-	-	-	-	-	-	-	-
blood/BP recipient (1)	1	-	-	5	2	2	2	12
occupational EXP (2)	-	-	-	-	-	-	-	-
other (3)	3	-	1	-	-	2	-	6
perinatal (4)	-	1	1	-	4	1	1	8
no identified risk	-	-	-	-	-	-	-	-
unknown	6	3	1	2	1	2	4	19
<b>total:</b>	<b>83</b>	<b>87</b>	<b>80</b>	<b>88</b>	<b>105</b>	<b>77</b>	<b>72</b>	<b>592</b>

TOTAL column to far right is cumulative from **2000 to 2006** December 31.

For 2006, not all risk data was available at the time of this publication and thus these HIV cases were noted as "unknown" in the appropriate tables. As this risk data becomes available it will be published in future reports.

Since 2002, risk data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed is no longer published in the HIV tables associated with risk.

\* Caution is advised when interpreting trends prior to 2005 (see Interpretation of HIV Tables, page 13)

WSW – women who have sex with women  
 IDU – injection drug user (includes WSW/IDU)  
 HET – heterosexual contact  
 blood/BP recipient – blood or blood product recipient  
 occupational EXP – occupational exposure

(1), (2), (3), and (4) – refer to HIV FOOTNOTES on page 33.

**Table 2.9**  
**Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR OF TESTING –**  
**GENDER UNKNOWN, 2000 to 2006**

Risk Category	2000	2001	2002	2003	2004	2005	2006	TOTAL
MSM or WSW	-	-	-	-	-	-	-	-
MSM/IDU	-	-	-	-	-	-	-	-
IDU	-	2	-	1	-	-	-	3
heterosexual contact	-	-	-	-	-	-	-	-
sex trade worker (STW)	-	-	-	-	-	-	-	-
STW/IDU	-	-	-	-	-	-	-	-
hemophiliac	-	-	-	-	-	-	-	-
blood/BP recipient (1)	-	-	-	-	-	-	-	-
occupational EXP (2)	-	-	-	-	-	-	-	-
other (3)	-	-	-	-	-	-	-	-
perinatal (4)	-	-	-	-	-	-	-	-
no identified risk	-	-	-	-	-	-	-	-
unknown	-	3	-	-	-	-	1	4
<b>total:</b>	-	<b>5</b>	-	<b>1</b>	-	-	<b>1</b>	<b>7</b>

TOTAL column to far right is cumulative from **2000 to 2006** December 31.

For 2006, not all risk data was available at the time of this publication and thus these HIV cases were noted as "unknown" in the appropriate tables. As this risk data becomes available it will be published in future reports.

Since 2002, risk data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed is no longer published in the HIV tables associated with risk.

\* Caution is advised when interpreting trends prior to 2005 (see Interpretation of HIV Tables, page 13)

MSM – men who have sex with men (includes males who self-identify as bisexual)

WSW – women who have sex with women

IDU – injection drug user (includes WSW/IDU)

HET – heterosexual contact

blood/BP recipient – blood/blood product recipient

occupational EXP – occupational exposure

(1), (2), (3), and (4) – refer to HIV FOOTNOTES on page 33.

**Table 2.10**  
**Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR OF TESTING –**  
**TOTAL, 2000 to 2006**

Risk Category	2000	2001	2002	2003	2004	2005	2006	TOTAL
MSM or WSW	132	129	145	146	168	169	141	1,030
MSM/IDU	10	17	11	14	18	12	13	95
IDU	113	117	139	106	102	97	84	758
heterosexual contact	66	101	86	98	96	79	68	594
sex trade worker (STW)	1	-	-	1	2	3	1	8
STW/IDU	20	12	16	25	36	21	19	149
hemophiliac	1	-	-	-	-	-	-	1
blood/BP recipient (1)	5	2	6	9	6	5	8	41
occupational EXP (2)	-	1	1	-	-	-	-	2
other (3)	11	4	4	4	4	6	5	38
perinatal (4)	-	2	1	-	4	1	3	11
no identified risk	-	-	-	1	2	-	1	4
unknown	41	35	9	5	3	8	17	118
<b>total*:</b>	<b>400</b>	<b>420</b>	<b>418</b>	<b>409</b>	<b>441</b>	<b>401</b>	<b>360</b>	<b>2,849</b>

total\* - Includes transgendered persons.

TOTAL column to far right is cumulative from **2000 to 2006** December 31.

For 2006, not all risk data was available at the time of this publication and thus these HIV cases were noted as "unknown" in the appropriate tables. As this risk data becomes available it will be published in future reports.

Since 2002, risk data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed is no longer published in the HIV tables associated with risk.

\* Caution is advised when interpreting trends prior to 2005 (see Interpretation of HIV Tables, page 13)

MSM – men who have sex with men (includes males who self-identify as bisexual)

WSW – women who have sex with women

IDU – injection drug user (includes WSW/IDU)

HET – heterosexual contact

blood/BP recipient – blood/blood product recipient

occupational EXP – occupational exposure

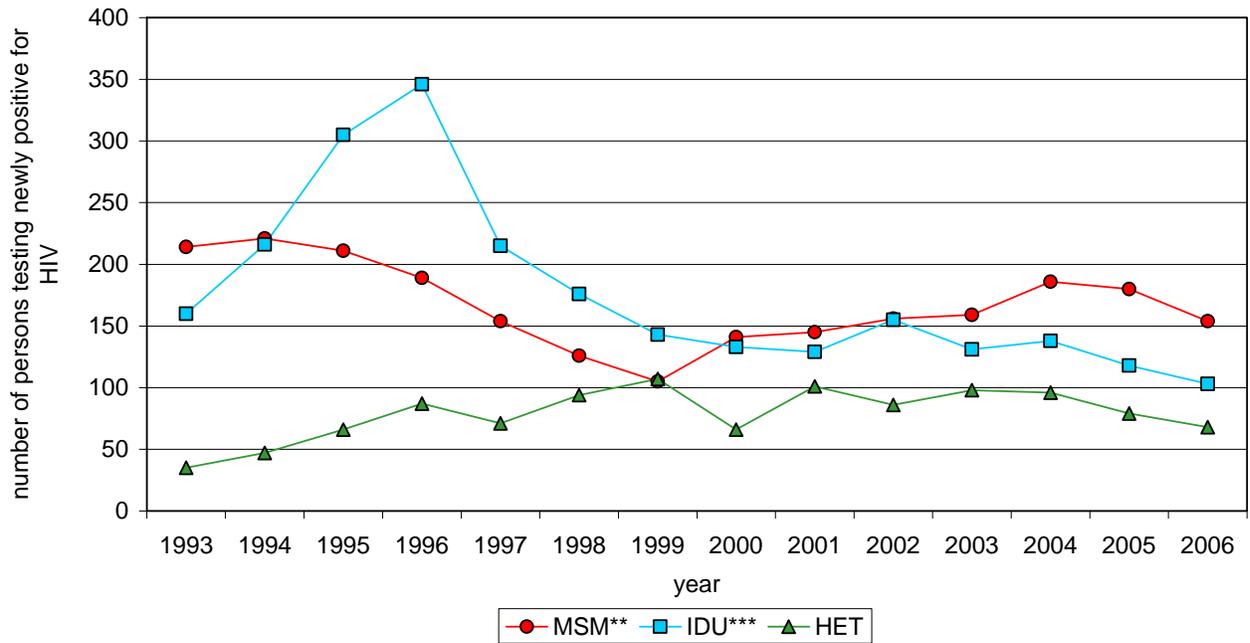
(1), (2), (3), and (4) – refer to HIV FOOTNOTES on page 33.

**Table 2.11**  
**Persons Testing Newly Positive for HIV by RISK CATEGORY – CUMULATIVE, 1985 to 2006**

Risk Category	Males	Females	Unknown	TOTAL
MSM or WSW	5,475	16	97	5,589
MSM/IDU	289	-	2	294
IDU	1,817	548	35	2,398
heterosexual contact	847	484	15	1,346
sex trade worker (STW)	17	17	1	35
STW/IDU	23	319	3	345
hemophiliac	64	1	3	68
blood/BP recipient (1)	88	48	2	138
occupational EXP (2)	3	-	-	3
other (3)	78	23	3	104
perinatal (4)	19	18	2	39
no identified risk	4	-	-	4
unknown	1,760	281	210	2,251
<b>total:</b>	<b>10,484</b>	<b>1,755</b>	<b>373</b>	<b>12,614</b>

\* TOTAL column to far right is cumulative from **1985 to 2006** December 31, and includes transgendered persons.

**Graph 2.5**  
**Persons Testing Newly Positive for HIV in BC by MAJOR RISK CATEGORY**  
**and YEAR OF TESTING, 1993 to 2006\***



\* 2006 numbers may change as case follow-up is completed.  
 Caution is advised in the interpretation of trends prior to 2005 (see page 13).

\*\* MSM includes MSM/IDU  
 \*\*\* IDU includes STW/IDU and

## Prenatal Screening

Since pregnancy is not an HIV risk category, a separate table (Table 2.12) has been prepared to monitor the number of pregnant women whose HIV test requisition stated that the test was being done as a prenatal assessment and of these women, the number who have tested positive for HIV. This does not include pregnant women tested for HIV whose requisition indicated a different risk or reason for testing. Please note that the pregnant women who have tested positive for HIV are included in the appropriate *Risk Category* table in accordance with their identified risk (e.g. heterosexual contact). Males who test for HIV under the Prenatal Screening reason for testing, and who are partners of pregnant women who test for HIV, are also included in this table.

**Table 2.12**  
**Persons Testing Newly Positive for HIV – PRENATAL SCREENING, 2000 to 2006**

Gender	HIV	2000	2001	2002	2003	2004	2005	2006 *	TOTAL
male	persons	-	2	-	-	-	-	-	6
	tests	755	188	148	210	97	95	22	3,633
female	persons	4	20	7	7	9	5	10	93
	tests	25,804	25,889	24,807	27,672	38,674	39,824	18,263	319,634
unknown	persons	-	-	-	-	-	-	-	-
	tests	340	467	475	509	515	606	291	6,686
<b>total:</b>	<b>persons</b>	<b>4</b>	<b>22</b>	<b>7</b>	<b>7</b>	<b>9</b>	<b>5</b>	<b>10</b>	<b>99</b>
	<b>tests</b>	<b>26,899</b>	<b>26,544</b>	<b>25,430</b>	<b>28,391</b>	<b>39,286</b>	<b>40,525</b>	<b>18,576</b>	<b>329,953</b>

\* **Please note:** 2006 prenatal testing numbers are not representative of total prenatal HIV testing volume, and should be interpreted with caution. Changes to the Provincial Health Services Authority Laboratory Information System and the specimen accessioning process in 2006 resulted in a portion of prenatal HIV tests being misclassified as non-prenatal HIV tests.

**Table 2.13**  
**Persons Testing Newly Positive for HIV by ETHNICITY and YEAR OF TESTING – MALES, 2000 to 2006**

Ethnicity	2000	2001	2002	2003	2004	2005	2006	TOTAL
Caucasian	208	230	227	214	242	224	198	1,543
First Nations	35	32	34	32	30	28	25	216
Inuit	1	-	1	1	-	-	-	3
Metis	1	3	3	5	6	3	1	22
Asian	17	12	16	12	12	18	14	101
South Asian	4	13	21	14	8	12	3	75
Black	10	10	10	15	9	12	9	75
Hispanic	8	9	19	11	11	16	13	87
Arab/West Asian	-	2	2	-	2	-	1	7
Other/Mixed Race	2	-	1	1	3	-	1	8
Unknown	30	17	4	15	13	10	22	111
<b>total:</b>	<b>316</b>	<b>328</b>	<b>338</b>	<b>320</b>	<b>336</b>	<b>323</b>	<b>287</b>	<b>2,248</b>

**Table 2.14**  
**Persons Testing Newly Positive for HIV by ETHNICITY and YEAR OF TESTING – FEMALES, 2000 to 2006**

Ethnicity	2000	2001	2002	2003	2004	2005	2006	TOTAL
Caucasian	43	40	40	42	53	39	20	277
First Nations	21	31	25	25	30	25	25	182
Inuit	1	-	-	-	-	-	-	1
Metis	-	-	1	3	4	2	1	11
Asian	2	-	3	2	2	1	2	12
South Asian	1	1	2	2	3	2	7	18
Black	8	13	5	9	10	5	7	57
Hispanic	-	1	2	2	-	-	1	6
Arab/West Asian	-	-	1	-	-	1	1	3
Other/Mixed Race	1	-	-	-	1	1	1	4
Unknown	6	1	1	3	2	1	7	21
<b>total:</b>	<b>83</b>	<b>87</b>	<b>80</b>	<b>88</b>	<b>105</b>	<b>77</b>	<b>72</b>	<b>592</b>

**Table 2.15**  
**Persons Testing Newly Positive for HIV by ETHNICITY and YEAR OF TESTING – GENDER UNKNOWN, 2000 to 2006**

Ethnicity	2000	2001	2002	2003	2004	2005	2006	TOTAL
Caucasian	-	3	-	-	-	-	-	3
First Nations	-	-	-	-	-	-	-	-
Inuit	-	-	-	-	-	-	-	-
Metis	-	-	-	-	-	-	-	-
Asian	-	-	-	-	-	-	-	-
South Asian	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-
Hispanic	-	-	-	-	-	-	-	-
Arab/West Asian	-	-	-	-	-	-	-	-
Other/Mixed Race	-	-	-	-	-	-	-	-
Unknown	-	2	-	1	-	-	1	4
<b>total:</b>	<b>-</b>	<b>5</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>7</b>

**Table 2.16**  
**Persons Testing Newly Positive for HIV by ETHNICITY and YEAR OF TESTING – TOTAL, 2000 to 2006**

Ethnicity	2000	2001	2002	2003	2004	2005	2006	TOTAL
Caucasian	252	273	267	256	295	263	218	1,824
First Nations	56	63	59	57	60	54	50	399
Inuit	2	-	1	1	-	-	-	4
Metis	1	3	4	8	10	5	2	33
Asian	19	12	19	14	14	19	16	113
South Asian	5	14	23	16	11	14	10	93
Black	18	23	15	24	19	17	16	132
Hispanic	8	10	21	13	11	16	14	93
Arab/West Asian	-	2	3	-	2	1	2	10
Other/Mixed Race	3	-	1	1	4	1	2	12
Unknown	36	20	5	19	15	11	30	136
<b>total*:</b>	<b>400</b>	<b>420</b>	<b>418</b>	<b>409</b>	<b>441</b>	<b>401</b>	<b>360</b>	<b>2,849</b>

total\* - Includes transgendered persons.

TOTAL column on far right of the preceding tables is cumulative from **2000 to 2006** December 31.

For 2006, not all ethnicity data was available at the time of this publication and thus these HIV cases were noted as "unknown" in the appropriate tables. As this ethnicity data becomes available it will be published in future reports.

Since 2002, ethnicity is no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed is no longer published in the HIV tables associated with ethnicity.

\* Caution is advised when interpreting trends prior to 2005 (see Interpretation of HIV Tables, page 13)

**Table 2.17**  
**Persons Testing Newly Positive for HIV by ETHNICITY – CUMULATIVE, 1995 to 2006**

Ethnicity	Males	Females	Unknown	TOTAL
Caucasian	2,874	561	11	3,447
First Nations	450	366	5	822
Inuit	4	1	-	5
Metis	34	19	-	53
Asian	166	18	-	184
South Asian	122	30	1	153
Black	129	87	1	217
Hispanic	153	13	1	167
Arab/West Asian	12	4	-	16
Other/Mixed Race	8	4	-	12
Unknown	449	101	14	564
<b>total:</b>	<b>4,401</b>	<b>1,204</b>	<b>33</b>	<b>5,640</b>

TOTAL column on far right is cumulative from **1995 to 2006** December 31, and includes transgendered persons.

**Table 2.18**  
**Persons Testing Newly Positive for HIV by HEALTH SERVICE DELIVERY AREA\***  
**and YEAR OF TESTING, 2000 to 2006**

HA	HSDA	HIV	2000	2001	2002	2003	2004	2005	2006	TOTAL	
Fraser	Fraser East	persons	22	14	11	6	18	16	8	95	
		rate	9.0	5.6	4.4	2.4	6.9	6.1	3.0		
	Fraser North	persons	51	42	51	54	55	40	32	325	
		rate	9.6	7.8	9.4	9.8	9.9	7.1	5.6		
	Fraser South	persons	21	32	39	36	36	34	31	229	
		rate	3.6	5.3	6.4	5.8	5.7	5.3	4.8		
Interior	East Kootenay	persons	1	-	1	1	1	1	2	7	
		rate	1.3		1.3	1.2	1.2	1.2	2.4		
	Kootenay Boundary	persons	1	5	-	2	-	5	4	17	
		rate	1.2	6.2		2.5		6.2	5.0		
	Okanagan	persons	17	12	7	13	12	10	4	75	
		rate	5.5	3.9	2.2	4.1	3.7	3.0	1.2		
	Thompson Cariboo Shuswap	persons	8	13	5	12	6	4	7	55	
		rate	3.7	6.1	2.3	5.5	2.7	1.8	3.1		
	Northern	Northeast	persons	4	-	1	1	4	1	-	11
			rate	6.3		1.6	1.5	5.9	1.4		
Northern Interior		persons	2	8	10	17	14	22	19	92	
		rate	1.3	5.3	6.7	11.2	9.1	14.3	12.3		
Northwest		persons	1	1	-	3	8	5	8	26	
		rate	1.2	1.2		3.6	9.4	5.9	9.5		
Vancouver Coastal	North Shore/Coast Garibaldi	persons	13	12	10	12	12	11	8	78	
		rate	4.9	4.5	3.7	4.4	4.4	4.0	2.9		
	Richmond	persons	2	5	11	6	8	7	1	40	
		rate	1.2	2.9	6.4	3.5	4.6	4.0	0.6		
	Vancouver	persons	216	226	221	198	192	194	180	1,427	
		rate	37.8	39.0	38.0	33.8	32.6	32.7	30.1		
Vancouver Island	Central Vancouver Island	persons	12	10	9	8	19	11	9	78	
		rate	5.0	4.2	3.7	3.3	7.7	4.3	3.5		
	North Vancouver Island	persons	2	4	6	4	6	2	4	28	
		rate	1.7	3.5	5.2	3.5	5.1	1.7	3.3		
	South Vancouver Island	persons	26	35	36	36	46	32	39	250	
		rate	7.7	10.3	10.5	10.4	13.2	9.1	11.0		
unknown	unknown	persons	1	-	-	-	-	-	-	1	
non-BC	non-BC	persons	-	1	-	-	4	6	4	15	
<b>Total</b>	<b>Total</b>	<b>persons</b>	<b>400</b>	<b>420</b>	<b>418</b>	<b>409</b>	<b>441</b>	<b>401</b>	<b>360</b>	<b>2,849</b>	
		<b>rate</b>	<b>9.9</b>	<b>10.3</b>	<b>10.2</b>	<b>9.8</b>	<b>10.5</b>	<b>9.4</b>	<b>8.4</b>		

\*HEALTH SERVICE DELIVERY AREA- A person testing newly positive for HIV is designated to the appropriate HSDA according to the person's city of residence. If the person's city of residence is not available then the person is designated to the city of the clinic or physician where the person was tested.

HA – Health Authority  
HSDA – Health Service Delivery Area

RATE is per 100,000 population.  
TOTAL column to far right is cumulative from 2000 to 2006 December 31.

\* Caution is advised when interpreting trends prior to 2005 (see Interpretation of HIV Tables, page 13)

**Table 2.19**  
**Persons Testing Newly Positive for HIV by HEALTH SERVICE DELIVERY AREA\* -**  
**CUMULATIVE, 1995 to 2006**

HA	HSDA	TOTAL
Fraser	Fraser East	174
	Fraser North	574
	Fraser South	435
Interior	East Kootenay	19
	Kootenay Boundary	34
	Okanagan	134
	Thompson Cariboo Shuswap	123
Northern	Northeast	13
	Northern Interior	119
	Northwest	38
Vancouver Coastal	North Shore/Coast Garibaldi	176
	Richmond	72
	Vancouver	3,010
Vancouver Island	Central Vancouver Island	151
	North Vancouver Island	51
	South Vancouver Island	422
Unknown	Unknown	80
Non-BC	Non-BC	15
<b>total</b>		<b>5,640</b>

\*HEALTH SERVICE DELIVERY AREA- A person testing newly positive for HIV is designated to the appropriate HSDA according to the person's city of residence. If the person's city of residence is not available then the person is designated to the city of the clinic or physician where the person was tested.

HA – Health Authority

HSDA – Health Service Delivery Area

TOTAL column on far right is cumulative from **1995 to 2006** December 31.

**Table 2.20**  
**Persons Testing Newly Positive for HIV by SPECIMEN SOURCE and YEAR OF TESTING,**  
**2000 to 2006**

Specimen Source	HIV	2000	2001	2002	2003	2004	2005	2006	TOTAL*
Private Physician	persons	179	198	203	191	208	176	157	1,312
	tests	96,089	97,690	102,005	98,572	106,188	112,420	129,344	742,308
Hospital	persons	63	62	69	65	80	66	59	464
	tests	21,332	22,406	24,312	25,218	26,693	28,035	24,334	172,330
West 12th STD Clinic (5)	persons	8	17	9	11	18	19	15	97
	tests	3,528	2,060	4,103	3,541	3,143	3,413	3,606	23,394
Street Nurse Program (6)	persons	44	34	29	25	35	38	22	227
	tests	2,870	2,199	2,381	2,487	2,961	3,163	3,118	19,179
Health Unit	persons	4	5	6	4	8	4	10	41
	tests	5,839	5,653	5,891	5,668	5,556	5,899	6,129	40,635
Canadian Blood Services	persons	-	-	-	1	-	-	-	1
	tests	10	15	21	12	4	18	6	86
Study/Research (7)	persons	59	38	40	52	54	51	47	341
	tests	298	358	764	992	3,092	1,420	397	7,321
Vancouver Coastal Clinics (8)	persons	32	56	48	44	26	29	24	259
	tests	3,074	2,843	3,954	4,201	4,266	4,507	2,675	25,520
Treatment/Prevention Programs (9)	persons	2	3	11	6	7	11	16	56
	tests	645	842	1,028	1,050	946	834	494	5,839
Corrections (10)	persons	8	7	3	10	5	5	6	44
	tests	1,123	969	956	761	684	564	367	5,424
Other	persons	-	-	-	-	-	2	1	3
	tests	-	6	9	5	4	1	-	25
Unknown	persons	1	-	-	-	-	-	3	4
	tests	-	8	5	10	19	16	183	241
<b>total:</b>	<b>persons</b>	<b>400</b>	<b>420</b>	<b>418</b>	<b>409</b>	<b>441</b>	<b>401</b>	<b>360</b>	<b>2,849</b>
	<b>tests</b>	<b>134,808</b>	<b>135,049</b>	<b>145,429</b>	<b>142,517</b>	<b>153,556</b>	<b>160,290</b>	<b>170,653</b>	<b>1,042,302</b>

TOTAL column to far right is cumulative from 2000 to 2006 December 31. Grand total tests are less than reported in previous tables as quality control tests have been excluded.

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC and PHSA Laboratory Services. (5), (6), (7), (8), (9) and (10) – refer to HIV FOOTNOTES on page 33.

\* Caution is advised when interpreting trends prior to 2005 (see Interpretation of HIV Tables, page 13)

**Table 2.21**  
**Persons Testing Newly Positive for HIV by SPECIMEN SOURCE –**  
**CUMULATIVE, 1989 to 2006**

Specimen Source	TOTAL
Private Physician	5,436
Hospital	1,827
West 12th STD Clinic (5)	369
Street Nurse Program (6)	871
Health Unit	186
Canadian Blood Services	8
Study/Research (7)	695
Vancouver Coastal Clinics (8)	443
Treatment/Prevention Programs (9)	66
Corrections (10)	123
Other	5
Unknown	20
<b>total:</b>	<b>10,049</b>

TOTAL column on far right is cumulative from 1989 to 2006 December 31.

## HIV FOOTNOTES

No.	Risk Category	Footnote
(1)	blood/BP recipient	As of May 2003, the follow up of possible transfusion transmissible infections is initiated by the public health nurses who, in collaboration with the MHO and the client, report the occurrence to Canadian Blood Services.
(2)	occupational EXP	Follow-up is done on each positive HIV test in this risk category to determine if the person's positive test is the result of a <u>true</u> occupational exposure.
(3)	other	Includes the following: endemic area immigrants; needle puncture; blood contact from bite, fight, etc.; semen recipients; organ donors; non-injection drug use; and unspecified parenteral exposure.
(4)	perinatal	Since HIV antibody testing is not diagnostic prior to 18 months of age, HIV infections documented in this age group are confirmed by Oak Tree Clinic through direct identification of HIV by PCR, p24 antigen testing and/or HIV culture on two or more consecutive assays. This category also includes children infected through perinatal transmission who have not been previously identified prior to the age of 18 months by a direct detection method for HIV.

No.	Specimen Source	Footnote
(5)	West 12 <sup>th</sup> STD Clinic	Located at 655 West 12 <sup>th</sup> Avenue in Vancouver BC.
(6)	Street Nurse Program	HIV testing is done by the outreach nurses at various sites in the Lower Mainland, including: outreach clinics, city jails, and detoxification centres.
(7)	Study/Research	To address the outbreak of HIV among IDUs, the BC Centre for Excellence in HIV/AIDS and the BC Centre for Disease Control have initiated several open cohort studies (VIDUS, CEDAR, ESIS) to investigate the determinants of HIV transmission and the progression of HIV in this client population.
(8)	Vancouver Coastal Clinics	HIV testing is conducted by various community health clinics in Vancouver and Richmond.
(9)	Treatment/Prevention Programs	HIV testing is generally a requirement for admission to detoxification centres and drug/alcohol treatment centres.
(10)	Corrections	Many inmates choose to get an HIV antibody test done at the time of intake or discharge or when they perceive that they have been at risk of acquiring HIV.