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**BC Centre for Disease Control**  
AN AGENCY OF THE PROVINCIAL HEALTH SERVICES AUTHORITY

# **HIV/AIDS UPDATE**

## **Year End 2003**

British Columbia Centre for Disease Control  
STD/AIDS Control

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## AIDS IN BRITISH COLUMBIA

Prior to 1997, AIDS case reports were electronically compiled courtesy of the Vancouver Health Department. We'd like to take this opportunity to thank the Vancouver Health Department for their assistance with the AIDS data. Their cooperation was essential to the preparation of past reports.

To avoid duplicate data entry and to improve timelines, we decided to use AIDS data entered by the Division of HIV/AIDS Surveillance, Bureau of HIV/AIDS and STD, Laboratory Centre for Disease Control, Health Protection Branch Health Canada from 1997 to 2000. Many thanks to Health Canada for their assistance with the AIDS data.

From 2000 onward, we have been data entering AIDS case reports within the STD/AIDS Control Division. 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 our own AIDS data.

Detailed pre-1997 statistics are not provided in this year end report due to page limitations but are available upon request. Please forward your request to the STD/AIDS Resource Centre either by:

Telephone: 604-660-2090  
Fax: 604-775-0808  
E-mail: stdinfo@bccdc.ca

Mail: BC Centre for Disease Control  
STD/AIDS 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 2003

Year of Diagnosis	Cases	Rate	Cumulative Cases
1983	9	0.31	9
1984	29	0.98	38
1985	61	2.04	99
1986	105	3.50	204
1987	135	4.43	339
1988	175	5.62	514
1989	223	6.97	737
1990	224	6.81	961
1991	266	7.89	1,227
1992	322	9.28	1,549
1993	360	10.08	1,909
1994	355	9.64	2,264
1995	335	8.85	2,599
1996	264	6.80	2,863
1997	163	4.12	3,026
1998	166	4.14	3,192
1999	154	3.81	3,346
2000	144	3.54	3,490
2001	77	1.88	3,567
2002	88	2.12	3,655
2003	75	1.79	3,730
TOTAL:	3,730		

RATE is per 100,000 population.

Graph 1.1  
AIDS Case Reports by YEAR OF DIAGNOSIS, 1990 to 2003

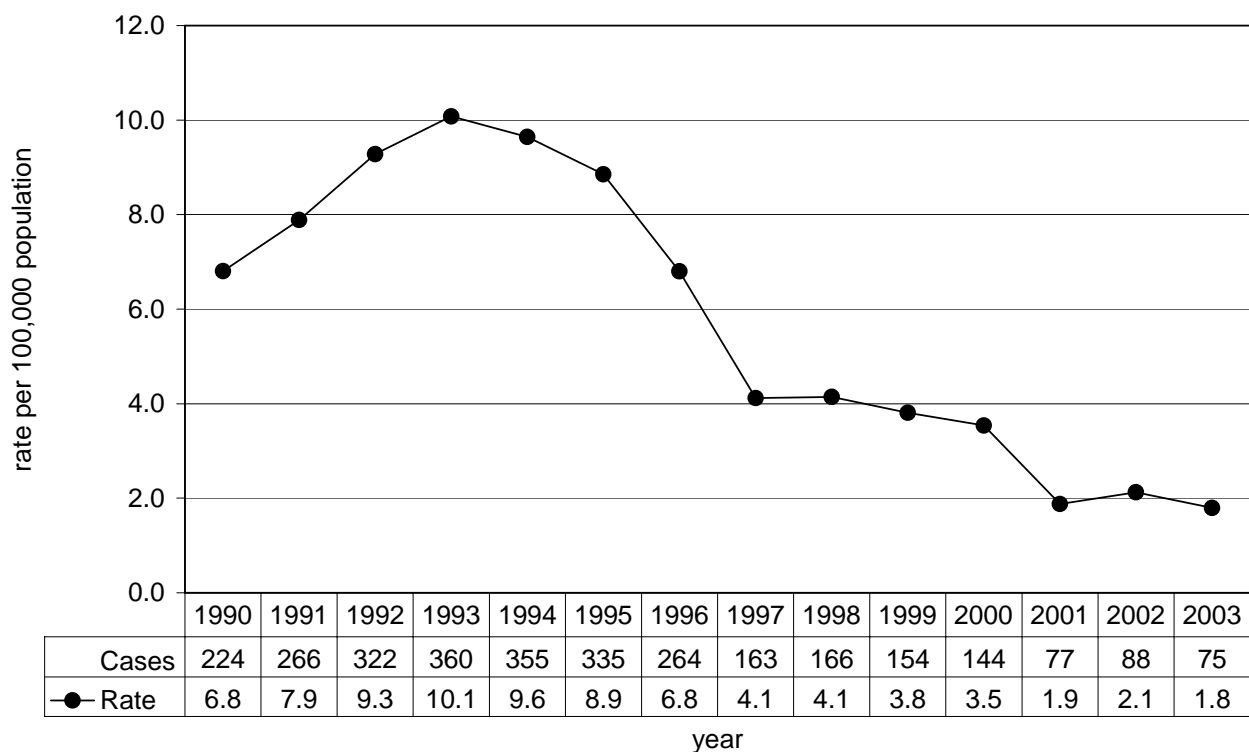


Table 1.2  
AIDS Case Reports by AGE and YEAR OF DIAGNOSIS – MALES, 1997 to 2003

Age	AIDS	1997	1998	1999	2000	2001	2002	2003	TOTAL
<15	cases	1	1	2	1	2	-	-	15
	rate	0.26	0.26	0.52	0.26	0.54			
15 to 19	cases	-	-	-	-	-	-	-	9
	rate								
20 to 29	cases	15	15	6	8	4	4	5	436
	rate	5.28	5.31	2.15	2.92	1.45	1.44	1.78	
30 to 39	cases	59	53	56	54	23	26	25	1,531
	rate	17.20	15.55	16.54	16.27	6.99	8.06	7.92	
40 to 49	cases	40	53	41	36	18	25	15	1,039
	rate	12.75	16.50	12.50	10.77	5.34	7.30	4.30	
50+	cases	14	21	22	27	23	24	21	433
	rate	2.76	4.01	4.06	4.80	3.97	4.00	3.39	
unknown	cases	-	-	-	-	-	-	-	-
total:	cases	129	143	127	126	70	79	66	3,463
	rate	6.54	7.17	6.32	6.24	3.44	3.85	3.19	

Table 1.3  
AIDS Case Reports by AGE and YEAR OF DIAGNOSIS – FEMALES, 1997 to 2003

Age	AIDS	1997	1998	1999	2000	2001	2002	2003	TOTAL
<15	cases	2	-	-	1	-	1	-	8
	rate	0.54			0.28		0.29		
15 to 19	cases	-	-	1	-	-	-	-	2
	rate			0.77					
20 to 29	cases	6	3	3	2	3	1	1	54
	rate	2.18	1.09	1.10	0.74	1.11	0.36	0.36	
30 to 39	cases	19	13	12	2	4	2	2	113
	rate	5.64	3.87	3.59	0.61	1.22	0.73	0.72	
40 to 49	cases	4	6	8	10	-	4	3	60
	rate	1.28	1.87	2.43	2.98		1.16	0.85	
50+	cases	2	1	2	1	-	-	3	22
	rate	0.35	0.17	0.33	0.16			0.44	
unknown	cases								-
total:	cases	33	23	26	16	7	8	9	259
	rate	1.66	1.14	1.28	0.78	0.34	0.38	0.43	

RATE is per 100,000 population.

TOTAL column to the far right is cumulative from 1983 to 2003 December 31.

Table 1.4  
AIDS Case Reports by AGE and YEAR OF DIAGNOSIS – TOTAL, 1997 to 2003

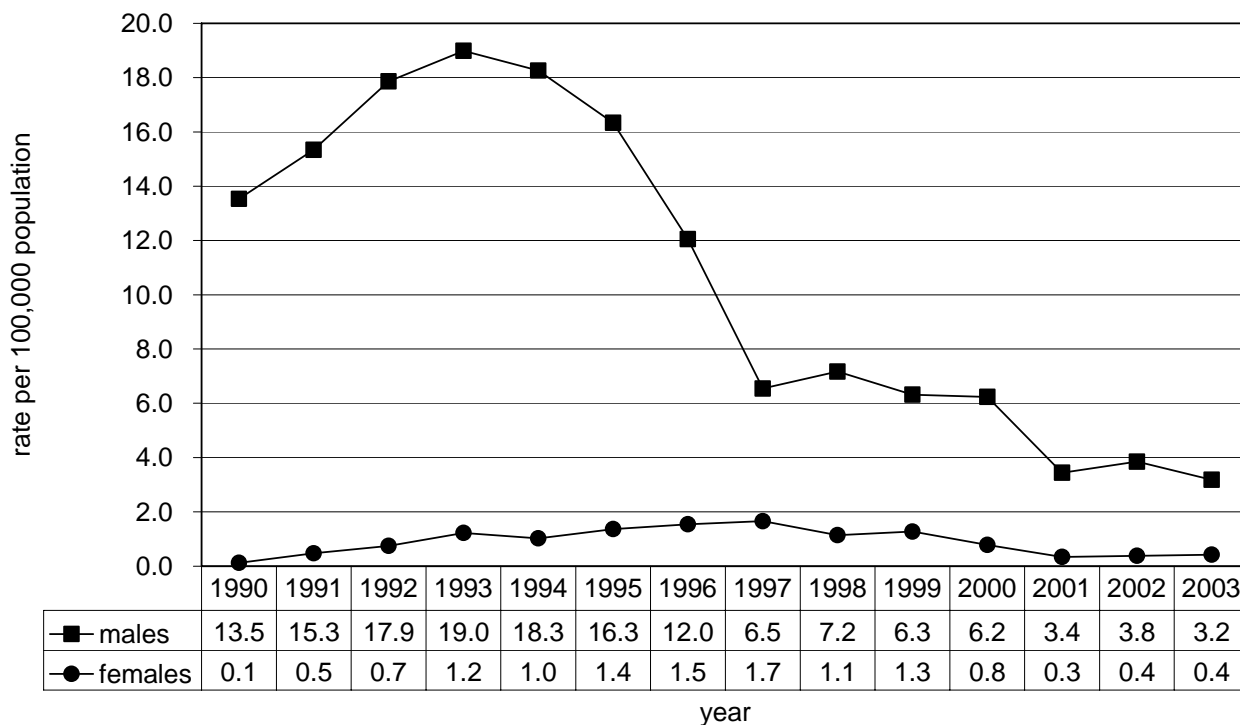
Age	AIDS	1997	1998	1999	2000	2001	2002	2003	TOTAL
<15	cases	3	1	2	2	2	1	-	23
	rate	0.40	0.13	0.27	0.27	0.28	0.14		
15 to 19	cases	-	-	1	-	-	-	-	11
	rate			0.37					
20 to 29	cases	21	18	9	10	7	5	6	490
	rate	3.75	3.23	1.63	1.84	1.28	0.91	1.07	
30 to 39	cases	78	66	68	56	27	28	27	1,644
	rate	11.47	9.75	10.11	8.48	4.12	4.34	4.27	
40 to 49	cases	44	59	49	46	18	29	18	1,099
	rate	7.02	9.19	7.46	6.87	2.66	4.22	2.57	
50+	cases	16	22	24	28	23	24	24	455
	rate	1.49	1.98	2.10	2.36	1.88	1.90	1.84	
unknown	cases	1	-	1	2	-	1	-	8
total*:	cases	163	166	154	144	77	88	75	3,730
	rate	4.12	4.14	3.81	3.54	1.88	2.12	1.79	

total\* - Includes gender unknown.

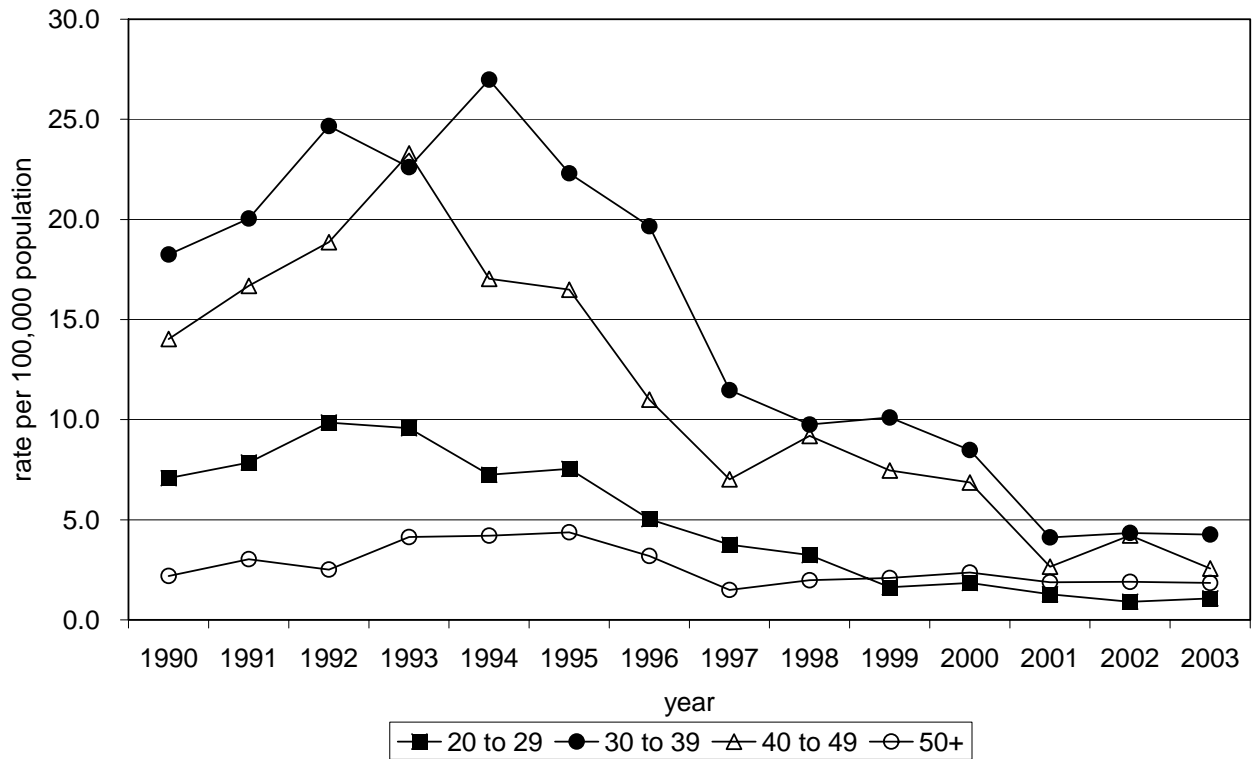
RATE is per 100,000 population.

TOTAL column to the far right is cumulative from 1983 to 2003 December 31.

Graph 1.2  
AIDS Case Reports by GENDER and YEAR OF DIAGNOSIS, 1990 to 2003



Graph 1.3  
AIDS Case Reports by AGE and YEAR OF DIAGNOSIS, 1990 to 2003



Graph 1.4  
AIDS Case Reports by RISK CATEGORY and YEAR OF DIAGNOSIS, 1990 to 2003

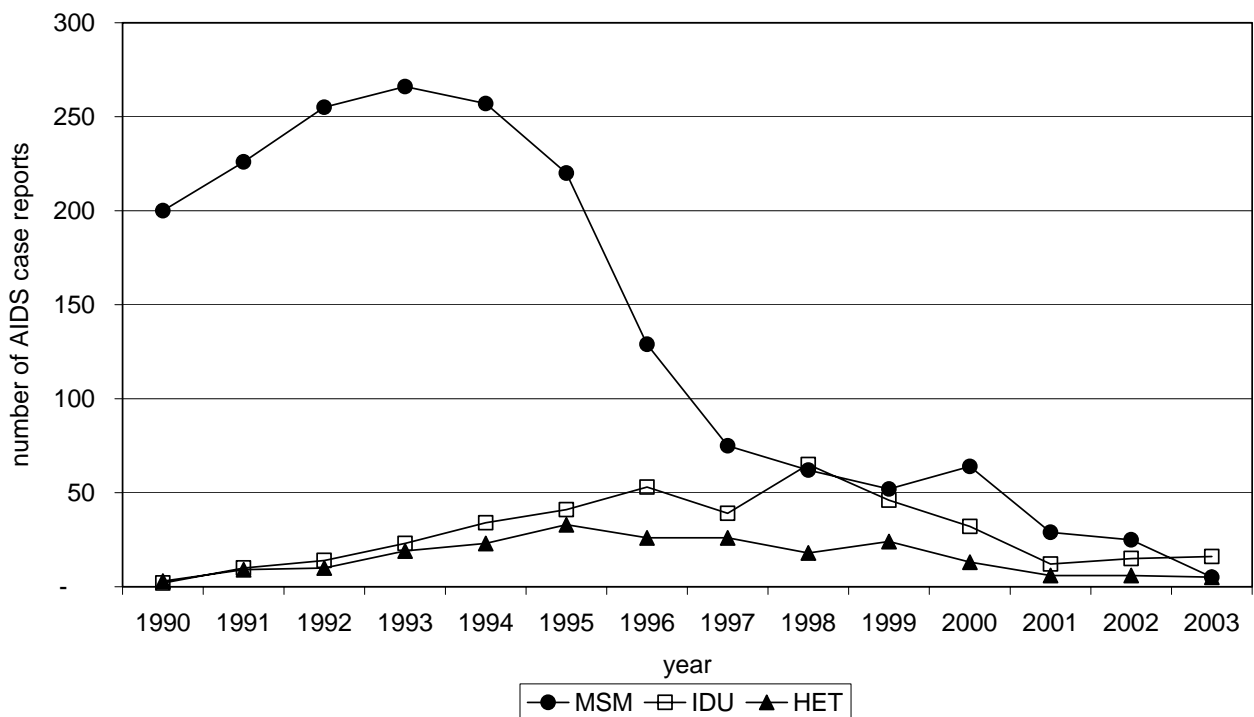


Table 1.5  
AIDS Case Reports by RISK CATEGORY, GENDER and YEAR OF DIAGNOSIS, 1997 to 2003

Risk Category	AIDS	1997	1998	1999	2000	2001	2002	2003	TOTAL
MSM or WSW	males	75	62	52	64	29	25	5	2,524
	females	-	-	-	-	-	-	-	
	total	75	62	52	64	29	25	5	2,524
MSM/IDU or WSW/IDU	males	5	1	9	5	3	3	2	171
	females	-	-	-	-	-	-	-	
	total	67	1	9	5	3	3	2	233
IDU	males	22	47	34	24	10	13	13	295
	females	17	18	12	8	2	2	3	113
	total	39	65	46	32	12	15	16	408
heterosexual contact	males	16	15	14	9	3	5	2	139
	females	10	3	10	4	3	1	3	93
	total	26	18	24	13	6	6	5	232
hemophiliac	males	1	-	-	-	-	-	-	24
	females	-	-	-	-	-	-	-	2
	total	1							26
blood/BP recipient	males	-	-	-	1	-	-	-	11
	females	-	1	-	-	-	-	-	9
	total		1		1				20
perinatal	males	1	-	-	-	-	-	-	5
	females	1	-	-	-	-	-	-	5
	total	2							10
occupational exposure	males	-	1	-	-	-	-	-	1
	females	-	-	-	-	-	-	-	
	total		1						1
unknown	males	9	17	18	23	25	33	44	293
	females	5	1	4	4	2	5	3	37
	total	14	18	22	27	27	38	47	330
total*:	males	129	143	127	126	70	79	66	3,463
	females	33	23	26	16	7	8	9	259
	total	163	166	154	144	77	88	75	3,730

total\* - Includes gender unknown.

TOTAL column to the far right is cumulative from 1983 to 2003 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 1.6  
AIDS Case Reports by ETHNICITY, GENDER and YEAR OF DIAGNOSIS, 1997 to 2003

Ethnicity	AIDS	1997	1998	1999	2000	2001	2002	2003	TOTAL
Caucasian	males	95	92	84	94	47	36	25	2,611
	females	13	10	9	5	3	1	5	132
	total	108	102	93	99	50	37	30	2,743
First Nations	males	14	19	14	8	4	4	4	167
	females	12	10	9	4	1	1	1	57
	total	26	29	23	12	5	5	5	224
Asian	males	4	3	4	2	-	3	-	55
	females	-	-	1	-	-	-	-	5
	total	4	3	5	2		3		60
South Asian	males	1	3	3	1	1	2	2	33
	females	-	-	-	-	-	-	-	3
	total	1	3	3	1	1	2	2	36
Inuit	males	1	1	-	-	1	1	-	6
	females	-	-	-	-	-	-	-	1
	total	1	1			1	1		7
Metis	males	4	1	-	1	-	-	1	11
	females	-	-	-	-	-	-	-	
	total	4	1		1			1	11
Black	males	3	4	4	2	-	3	2	51
	females	4	-	3	2	1	1	-	18
	total	7	4	7	4	1	4	2	69
Hispanic	males	-	3	2	2	1	3	1	44
	females	1	-	-	-	1	-	-	4
	total	1	3	2	2	2	3	1	48
Arab/West Asian	males	-	3	-	1	-	1	-	11
	females	-	-	-	-	-	-	-	
	total		3		1		1		11
other	males	1	4	-	-	-	-	-	25
	females	-	-	1	-	-	-	-	2
	total	1	4	1					27
unknown	males	6	10	16	15	16	26	31	449
	females	3	3	3	5	1	5	3	37
	total	9	13	19	20	17	31	34	486
total*:	males	129	143	127	126	70	79	66	3,463
	females	33	23	26	16	7	8	9	259
	total	163	166	154	144	77	88	75	3,730

total\* - Includes gender unknown.

TOTAL column to the far right is cumulative from 1983 to 2003 December 31.

Table 1.7  
AIDS Case Reports by HEALTH SERVICE DELIVERY AREA\*  
and YEAR OF DIAGNOSIS, 1997 to 2003

HA	HSDA	AIDS	1997	1998	1999	2000	2001	2002	2003	TOTAL
Fraser	Fraser East	cases	5	4		1	1	3		52
		rate	2.11	1.67		0.41	0.40	1.18		
	Fraser North	cases	12	7	13	8	10	11	4	205
		rate	2.38	1.37	2.49	1.50	1.84	1.99	0.71	
	Fraser South	cases	11	6	12	9	4	9	6	161
		rate	1.96	1.05	2.06	1.52	0.66	1.46	0.96	
Interior	East Kootenay	cases					2			12
		rate					2.53			
	Kootenay Boundary	cases	3	1				2	1	24
		rate	3.68	1.23				2.51	1.26	
	Okanagan	cases	4	4	8	5	4	4	5	82
		rate	1.33	1.31	2.61	1.62	1.29	1.28	1.59	
	Thompson Cariboo Shuswap	cases	2	5	1	3	2	2	3	41
		rate	0.92	2.31	0.46	1.38	0.93	0.92	1.38	
Northern	Northeast	cases								8
		rate								
	Northern Interior	cases	6	4	2	1	4		3	36
		rate	3.83	2.57	1.30	0.65	2.65		1.97	
	Northwest	cases	1	1	2	1			1	14
		rate	1.11	1.13	2.28	1.19			1.18	
Vancouver Coastal	North Shore/Coast Garibaldi	cases	6	8	7	10	4	2	2	153
		rate	2.30	3.04	2.65	3.77	1.50	0.74	0.74	
	Richmond	cases		1	2	3	3	3	4	58
		rate		0.61	1.20	1.77	1.74	1.72	2.27	
	Vancouver	cases	96	102	84	83	31	44	35	2,433
		rate	17.25	18.10	14.72	14.36	5.28	7.44	5.86	
Vancouver Island	Central Vancouver Island	cases	5	7	2	5	3	2	3	76
		rate	2.11	2.94	0.84	2.10	1.25	0.83	1.24	
	North Vancouver Island	cases	1	2	1	2		1	2	21
		rate	0.85	1.70	0.86	1.75		0.87	1.75	
	South Vancouver Island	cases	11	10	19	8	8	5	5	292
		rate	3.28	2.97	5.62	2.36	2.34	1.47	1.46	
unknown	unknown	cases		4	1	5	1		1	62
		rate								
total:		cases	163	166	154	144	77	88	75	3,730
		rate	4.12	4.15	3.82	3.55	1.88	2.12	1.79	

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).

HA – Health Authority  
HSDA – Health Service Delivery Area

Rate is per 100,000 population.  
TOTAL column to far right is cumulative from 1983 to 2003 December 31.

Table 1.8  
AIDS Case Reports by FIRST DISEASE INDICATIVE OF AIDS  
and YEAR OF DIAGNOSIS, 1983 to 2003

Year of Diagnosis	KS	PCP	OI	OM	HIV WS	HIV ENC	PED	TOTAL
1983	2	3	4	-	-	-	-	9
1984	15	8	6	-	-	-	-	29
1985	15	29	11	6	-	-	-	61
1986	28	51	21	5	-	-	-	105
1987	25	77	22	8	2	1	-	135
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	70	7	14	10	-	266
1992	51	134	99	12	16	10	-	322
1993	46	115	135	16	33	14	1	360
1994	51	122	124	15	27	16	-	355
1995	49	105	125	6	28	21	1	335
1996	34	80	105	11	23	11	-	264
1997	16	42	73	11	11	10	-	163
1998	15	62	54	5	28	2	-	166
1999	13	60	53	5	15	8	-	154
2000	19	59	41	10	11	4	-	144
2001	7	27	22	4	13	3	1	77
2002	10	33	30	5	6	4	-	88
2003	5	28	34	3	4	1	-	75
total:	571	1,459	1,147	160	251	139	3	3,730

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

### HIV – British Columbia's Newest Reportable Disease:

On 1 May 2003, HIV was added to the Health Act as a reportable disease in British Columbia (BC).

BC is the most recent province to make HIV reportable. In this province, as in other provinces where HIV is reportable, persons testing for HIV will continue to have the choice of being tested with or without their name appearing on the test requisition. A person may test using initials and a date of birth.

The main reason for making HIV reportable in BC is to involve the public health system in patient follow-up and the counseling of the partners of persons who have tested positive for HIV. This is a proven procedure for reaching people at high risk for infection. Beginning 1 May 2003, public health nurses will follow-up each new positive HIV case by contacting the health care provider who ordered the test. Public health will offer assistance with confidential and, when requested, anonymous counseling of partners. Public health will also be available to offer resource and additional support to newly diagnosed HIV positive persons.

### Interpretation of HIV Tables:

In previous *Reports* (pre-1997), the HIV tables represented the number of reactive test reports without the removal of duplicates. With the HIV Surveillance System (HIVSS) in place since January 1995, duplicate HIV test reports are now identified and removed from the data set.

For HIV test reports between 1985 to 1994, duplicates were removed by automated methods only. Since 1995, however, HIV test reports have been carefully examined by BOTH automated and manual methods which thus further improve the detection of duplicates. As of 1 May 2003, public health nurses may further enhance the detection of duplicates when they contact and offer support to persons testing positive for HIV.

HIV data in the following tables now more closely represent the number of persons with a new positive HIV test report.

### Acknowledgements:

HIVSS Team: Daphne Spencer, RN  
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Linda Knowles, BScN

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Darrel Cook, MSc  
Mel Kraiden, MD, FRCP(C)

Staff from Virology Services, Laboratory Services, BC Centre for Disease Control, for the collecting and compiling of HIV requisition data.

Designated public health nurses in the various health service delivery areas for making contact with and offering support to persons testing positive for HIV.

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 HIVSS project.

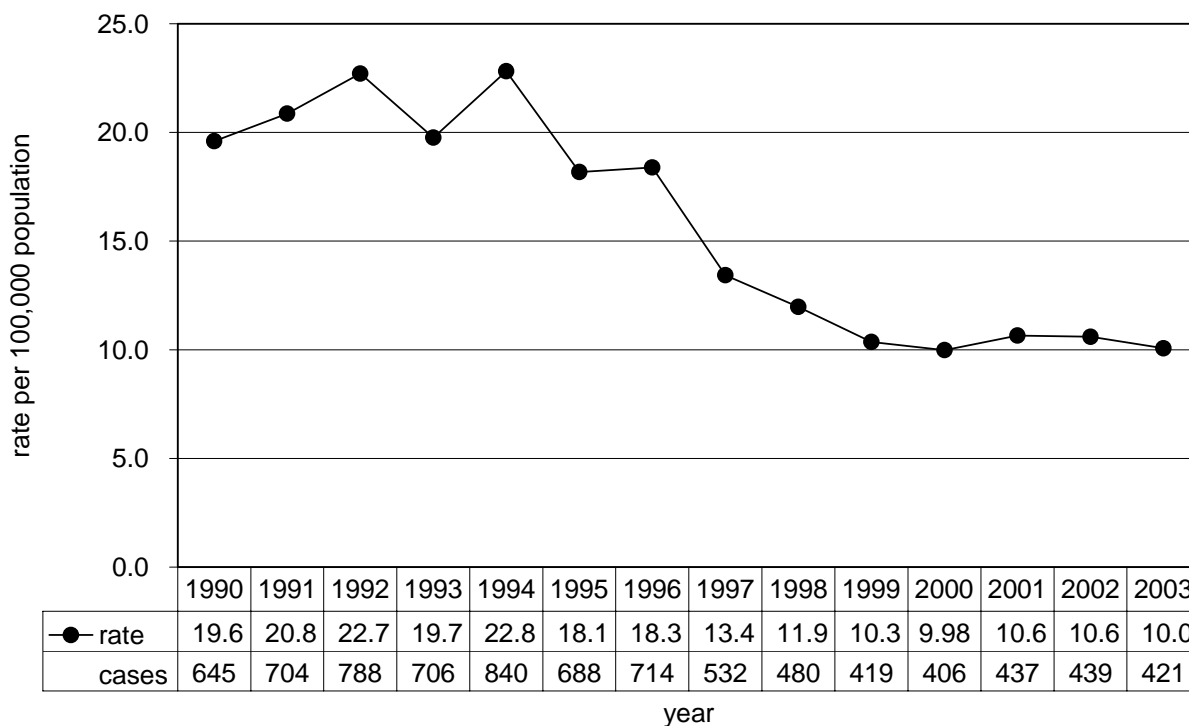
Table 2.1  
Persons Testing Newly Positive for HIV by YEAR OF TESTING, 1985 to 2003

Year	Persons	Rate	Tests
1985	220	7.36	1,362
1986	670	22.30	5,328
1987	929	30.46	35,783
1988	746	23.94	28,866
1989	726	22.70	30,302
1990	645	19.60	38,024
1991	704	20.87	54,310
1992	788	22.71	84,419
1993	706	19.77	92,606
1994	840	22.82	104,118
1995	688	18.18	130,338
1996	714	18.39	138,250
1997	532	13.44	140,278
1998	480	11.97	137,701
1999	419	10.36	135,284
2000	406	9.98	135,488
2001	437	10.65	135,806
2002	439	10.60	146,489
2003	421	10.07	134,682
TOTAL:	11,510	-	1,709,434

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

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

Graph 2.1  
Persons Testing Newly Positive for HIV by YEAR OF TESTING, 1990 to 2003



Graph 2.2  
Persons Testing Newly Positive by GENDER and YEAR OF TESTING, 1990 to 2003

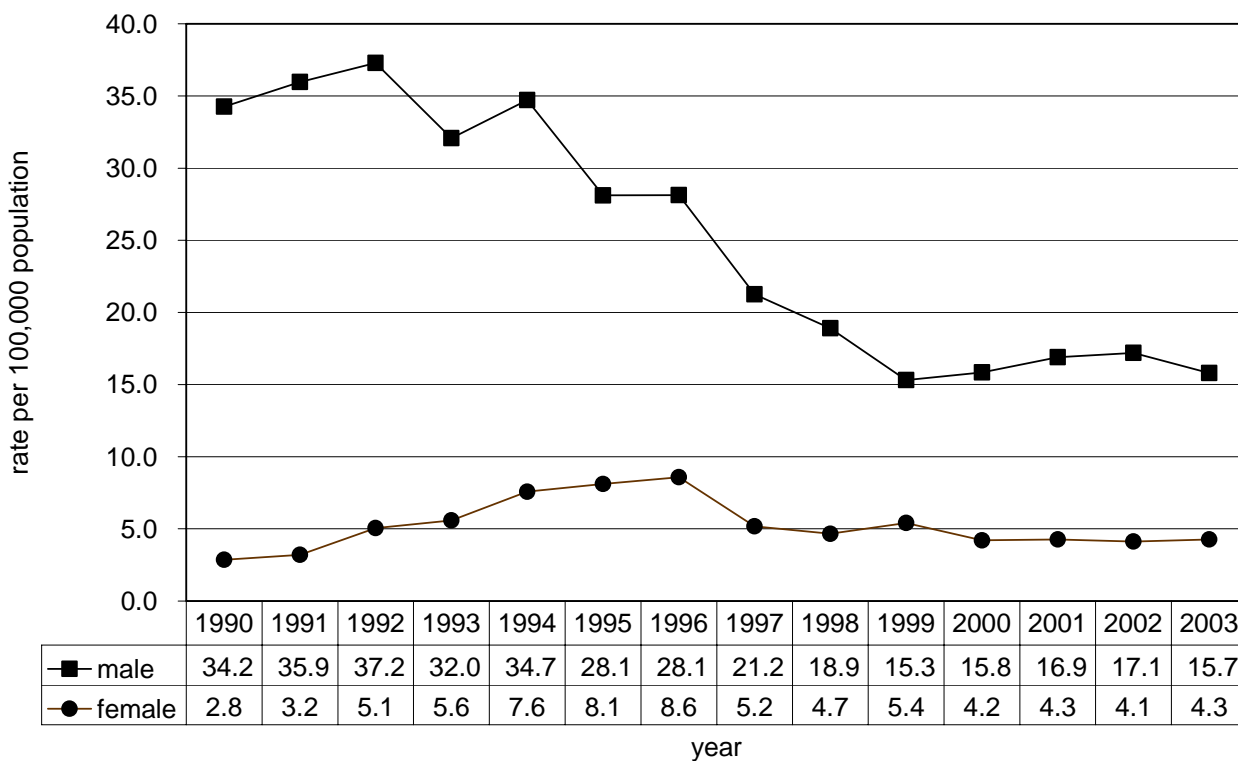


Table 2.2  
Persons Testing Newly Positive for HIV by AGE and YEAR OF TESTING – MALES, 1997 to 2003

Age	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
<18 mos	persons	-	2	-	-	1	-	-	11
	rate		2.74			1.57			
18 mos to 14 yrs	persons	1	4	2	1	1	-	1	34
	rate	0.32	1.27	0.63	0.32	0.32		0.33	
< 15 yrs	tests	682	544	489	495	466	483	456	7,362
15 to 19	persons	2	3	2	3	3	1	2	82
	rate	1.49	2.20	1.45	2.16	2.12	0.70	1.43	
	tests	2,803	2,750	2,816	2,663	2,625	2,851	2,691	30,913
20 to 29	persons	84	57	55	61	63	48	43	2,378
	rate	29.56	20.17	19.69	22.27	22.91	17.29	15.28	
	tests	16,215	16,213	15,782	15,324	14,902	16,383	15,987	209,465
30 to 39	persons	190	162	133	120	121	130	109	3,911
	rate	55.38	47.52	39.28	36.15	36.79	40.28	34.55	
	tests	15,431	15,146	14,866	14,898	14,638	15,611	14,339	203,310
40 to 49	persons	97	102	72	85	106	110	99	2,067
	rate	30.91	31.76	21.95	25.44	31.42	32.14	28.37	
	tests	9,549	9,772	9,814	10,005	10,598	10,993	10,714	125,628
50+	persons	45	47	44	50	49	64	73	873
	rate	8.88	8.97	8.12	8.89	8.45	10.67	11.77	
	tests	6,156	6,180	6,569	7,189	7,448	8,442	8,249	86,023
unknown	persons	-	-	-	-	-	-	-	249
	tests	949	785	365	423	373	352	293	15,224
total:	persons	419	377	308	320	344	353	327	9,605
	rate	21.26	18.90	15.32	15.85	16.90	17.19	15.79	
	tests	51,785	51,390	50,701	50,997	51,050	55,115	52,729	677,925

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

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1985 to 31 December 2003.

Table 2.3  
Persons Testing Newly Positive for HIV by AGE  
and YEAR OF TESTING – FEMALES, 1997 to 2003

Age	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
< 18 mos	persons	1	1	-	-	-	-	-	7
	rate	1.44	1.46						
18 mos to 14 yrs	persons	1	-	-	-	2	2	-	12
	rate	0.33				0.68	0.69		
< 15 yrs	tests	956	846	835	723	688	669	644	9,277
15 to 19	persons	1	2	3	4	8	4	2	65
	rate	0.79	1.55	2.32	3.04	6.01	2.98	1.51	
	tests	8,271	8,138	7,802	7,607	7,139	7,173	6,414	82,826
20 to 29	persons	30	34	35	26	35	22	29	515
	rate	10.89	12.36	12.83	9.65	12.93	8.03	10.44	
	tests	33,240	33,187	32,694	32,120	31,947	33,998	29,645	377,106
30 to 39	persons	52	35	36	26	28	38	33	590
	rate	15.43	10.42	10.77	7.92	8.57	11.77	10.39	
	tests	26,462	26,425	26,951	27,460	27,658	29,647	25,627	314,884
40 to 49	persons	13	19	26	25	14	17	18	243
	rate	4.15	5.92	7.91	7.44	4.12	4.92	5.12	
	tests	9,022	8,779	8,797	9,130	9,105	9,845	9,298	108,064
50+	persons	5	3	10	5	1	3	8	64
	rate	0.88	0.51	1.66	0.80	0.16	0.45	1.17	
	tests	4,525	4,191	4,234	4,581	4,645	5,549	5,352	55,848
unknown	persons	-	-	-	-	-	-	-	33
	tests	1,404	1,230	525	539	514	480	739	18,469
total:	persons	103	94	110	86	88	86	90	1,529
	rate	5.18	4.66	5.41	4.20	4.26	4.12	4.27	
	tests	83,880	82,796	81,838	82,160	81,696	87,361	77,719	966,474

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

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1985 to 31 December 2003.



Table 2.4  
 Persons Testing Newly Positive for HIV by AGE  
 and YEAR OF TESTING – GENDER UNKNOWN, 1997 to 2003

Age	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
< 18 mos	persons	-	-	-	-	-	-	-	1
18 mos to 14 yrs	persons	1	-	-	-	-	-	-	3
< 15 yrs	tests	43	32	24	35	37	47	51	690
15 to 19	persons	-	-	-	-	-	-	-	7
	tests	233	225	197	192	243	284	305	4,048
20 to 29	persons	1	1	-	-	1	-	-	72
	tests	1,166	927	681	597	839	969	1,045	20,215
30 to 39	persons	6	2	-	-	2	-	-	113
	tests	1,007	747	491	495	660	726	817	16,204
40 to 49	persons	1	2	-	-	-	-	2	61
	tests	462	313	225	267	366	446	562	7,321
50+	persons	1	4	1	-	2	-	2	30
	tests	319	215	167	248	353	561	716	5,816
unknown	persons	-	-	-	-	-	-	-	89
	tests	1,383	1,056	960	497	562	980	738	10,741
total:	persons	10	9	1	-	5	-	4	376
	tests	4,613	3,515	2,745	2,331	3,060	4,013	4,234	65,035

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC Laboratory Services.  
 RATE is per 100,000 population.  
 TOTAL column to far right is cumulative from 1985 to 31 December 2003.

Graph 2.3  
 HIV by AGE and YEAR OF TESTING, 1990 to 2003

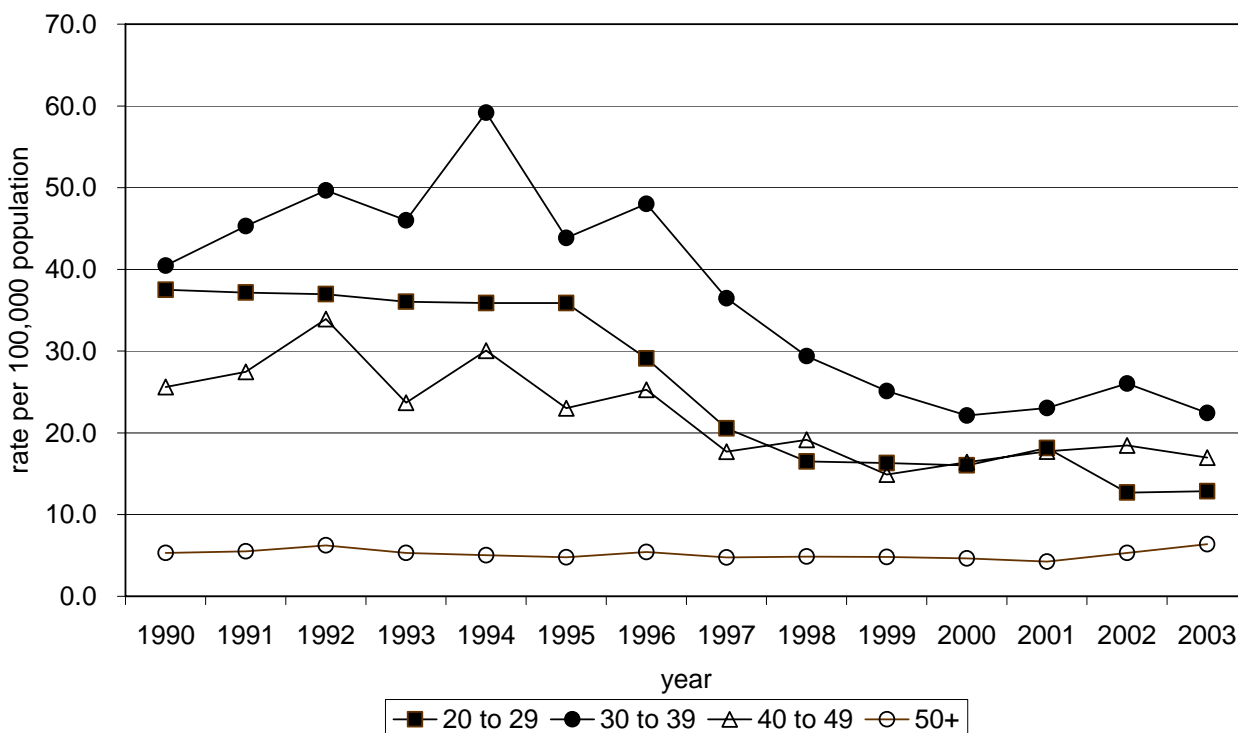


Table 2.5  
Persons Testing Newly Positive for HIV by AGE and YEAR OF TESTING – TOTAL, 1997 to 2003

Age	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
<15 yrs	persons	4	7	2	1	4	2	1	68
	rate	0.53	0.92	0.27	0.14	0.55	0.28	0.14	
	tests	1,681	1,422	1,348	1,253	1,191	1,199	1,151	17,329
15 to 19	persons	3	5	5	7	11	5	4	154
	rate	1.15	1.88	1.87	2.59	4.01	1.81	1.47	
	tests	11,307	11,113	10,815	10,462	10,007	10,308	9,410	117,787
20 to 29	persons	115	92	90	87	99	70	72	2,965
	rate	20.54	16.50	16.30	16.01	18.14	12.69	12.87	
	tests	50,621	50,327	49,157	48,041	47,688	51,350	46,677	606,786
30 to 39	persons	248	199	169	146	151	168	142	4,614
	rate	36.47	29.41	25.12	22.11	23.03	26.03	22.43	
	tests	42,900	42,318	42,308	42,853	42,956	45,984	40,783	534,398
40 to 49	persons	111	123	98	110	120	127	119	2,371
	rate	17.71	19.15	14.92	16.42	17.72	18.47	16.98	
	tests	19,033	18,864	18,836	19,402	20,069	21,284	20,574	241,013
50+	persons	51	54	55	55	52	67	83	967
	rate	4.75	4.86	4.80	4.63	4.25	5.31	6.36	
	tests	11,000	10,586	10,970	12,018	12,446	14,552	14,317	147,687
unknown	persons	-	-	-	-	-	-	-	371
	tests	3,736	3,071	1,850	1,459	1,449	1,812	1,770	44,434
total:	persons	532	480	419	406	437	439	421	11,510
	rate	13.44	11.97	10.36	9.98	10.65	10.60	10.07	
	tests	140,278	137,701	135,284	135,488	135,806	146,489	134,682	1,709,434

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

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1985 to 31 December 2003.

Table 2.6  
Persons Testing Newly Positive for HIV by RISK CATEGORY  
and YEAR OF TESTING – MALES, 1997 to 2003

Risk Category	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
MSM	persons	139	115	95	133	134	148	135	5,001
	tests	3,871	3,536	3,192	3,138	2,060			55,630
MSM/IDU	persons	15	12	10	10	19	12	24	258
	tests	74	42	14	19	14			1,436
IDU	persons	154	124	87	89	93	106	68	1,596
	tests	2,335	2,303	1,732	1,508	1,140			32,794
heterosexual contact	persons	48	50	59	35	50	56	35	630
	tests	14,017	13,463	12,975	12,272	8,476			125,294
sex trade worker	persons	2	-	1	-	-	-	-	16
	tests	85	64	56	43	31			1,430
sex trade worker/IDU	persons	-	-	1	1	-	-	-	23
	tests	8	7	7	2	1			327
hemophiliac	persons	-	-	-	1	-	-	-	64
	tests	66	67	64	62	49			899
blood/BP recipient (1)	persons	4	2	1	2	2	3	-	62
	tests	1,125	451	231	182	125			11,848
unspecified PE (2)	persons	-	-	-	1	3	1	-	29
	tests	26	71	110	34	29			4,259
visa/employ/insurance	persons	-	-	-	-	-	-	-	10
	tests	347	283	252	252	222			3,162
occupational EXP (3)	persons	-	1	-	-	1	1	-	4
	tests	1,245	537	384	780	829			6,084
other (4)	persons	-	8	14	7	10	17	25	99
	tests	219	161	167	483	672			5,893
perinatal <18 mos (5)	persons	-	2	-	-	1	-	-	11
delayed testing (6)	persons	1	4	2	-	-	-	-	13
	tests	35	18	18	5	6			150
no identified risk	persons		-	-	1	2	-	-	3
	tests								-
unknown	persons	56	59	38	40	29	9	40	1,786
	tests	28,332	30,387	31,499	32,217	37,396			320,875
total:	persons	419	377	308	320	344	353	327	9,605
	tests	51,785	51,390	50,701	50,997	51,050	55,115		625,196

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC Laboratory Services. TOTAL column to far right is cumulative from 1985 to 31 December 2003.

For 2003, not all risk and 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 risk and ethnicity data becomes available it will be published in future reports.

Since 2002, risk and ethnicity data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed will no longer be published in many of the HIV tables as of 2003.

MSM – men who have sex with men  
IDU – injection drug user  
HET – heterosexual contact  
blood/BP recipient – blood or blood product recipient

unspecified PE – unspecified parenteral exposure  
visa/employ/insurance – visa/employment/insurance  
occupational EXP – occupational exposure

(1), (2), (3), (4), (5) and (6) – refer to HIV FOOTNOTES on page 29.

Table 2.7  
Persons Testing Newly Positive for HIV by RISK CATEGORY  
and YEAR OF TESTING – FEMALES, 1997 to 2003

Risk Category	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
WSW	persons	1	-	1	1	1	-	1	17
	tests	408	370	327	302	176			4,229
WSW/IDU	persons	1	-	1	1	-	4	-	16
	tests	34	20	8	7	2			391
IDU	persons	47	37	41	24	27	37	26	492
	tests	1,004	841	708	537	415			14,072
heterosexual contact	persons	25	37	32	27	42	24	23	378
	tests	39,493	38,818	37,666	36,221	33,160			303,793
sex trade worker	persons	-	1	2	1	1	-	2	15
	tests	96	142	135	103	92			2,267
sex trade worker/IDU	persons	13	13	12	18	11	13	18	229
	tests	125	59	51	32	15			2,663
hemophiliac	persons	-	-	-	-	-	-	-	1
	tests	17	8	3	4	5			106
blood/BP recipient (1)	persons	-	1	-	-	-	-	-	34
	tests	1,753	635	321	237	151			19,406
unspecified PE (2)	persons	-	-	-	-	-	-	-	12
	tests	17	127	248	56	49			5,791
visa/employ/insurance	persons	-	-	-	-	-	-	-	-
	tests	228	228	198	202	205			2,473
occupational EXP (3)	persons	-	-	-	-	-	-	-	-
	tests	2,904	1,290	980	1,706	1,698			15,094
other (4)	persons	-	-	7	5	1	4	11	32
	tests	287	217	247	532	735			5,793
perinatal <18 mos (5)	persons	1	1	-	-	-	-	-	7
delayed testing (6)	persons	1	-	-	-	2	2	-	9
	tests	29	23	18	13	4			159
no identified risk	persons	-	-	-	-	-	-	-	-
	tests								-
unknown	persons	14	4	14	9	3	2	9	287
	tests	37,485	40,018	40,928	42,208	44,989			425,157
total:	persons	103	94	110	86	88	86	90	1,529
	tests	83,880	82,796	81,838	82,160	81,696	87,361		888,755

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC Laboratory Services. TOTAL column to far right is cumulative from 1985 to 31 December 2003.

For 2003, not all risk and 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 risk and ethnicity data becomes available it will be published in future reports.

Since 2002, risk and ethnicity data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed will no longer be published in many of the HIV tables as of 2003.

WSW – women who have sex with women  
IDU – injection drug user  
HET – heterosexual contact  
blood/BP recipient – blood or blood product recipient

unspecified PE – unspecified parenteral exposure  
visa/employ/insurance – visa/employment/insurance  
occupational EXP – occupational exposure

(1), (2), (3), (4), (5) and (6) – refer to HIV FOOTNOTES on page 29.

Table 2.8  
Persons Testing Newly Positive for HIV by RISK CATEGORY  
and YEAR OF TESTING – GENDER UNKNOWN, 1997 to 2003

Risk Category	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
MSM or WSW	persons	1	1	-	-	-	-	-	99
	tests	80	66	44	51	33			1,196
MSM/IDU or WSW/IDU	persons	-	1	-	-	1	-	-	6
	tests	1	2	2					51
IDU	persons	6	2	1	-	1	-	1	32
	tests	82	58	34	14	21			1,298
heterosexual contact	persons	1	2	-	-	1	-	-	19
	tests	1,518	1,316	964	716	841			12,564
sex trade worker	persons	-	-	-	-	-	-	-	1
	tests	5	5	-	2	2			112
sex trade worker/IDU	persons	-	-	-	-	-	-	-	3
	tests	2		1		1			69
hemophiliac	persons	-	-	-	-	-	-	-	3
	tests	1	3	-	1	1			24
blood/BP recipient (1)	persons	-	-	-	-	-	-	-	2
	tests	120	36	17	10	15			1,673
unspecified PE (2)	persons	-	-	-	-	-	-	-	2
	tests	3	9	10	1	3			426
visa/employ /insurance	persons	-	-	-	-	-	-	-	-
	tests	16	16	10	2	21			165
occupational EXP (3)	persons	-	-	-	-	-	-	-	-
	tests	177	63	50	54	83			812
other (4)	persons	-	-	-	-	-	-	-	1
	tests	27	25	28	105	214			686
perinatal <18 mos (5)	persons	-	-	-	-	-	-	-	1
delayed testing (6)	persons	1	-	-	-	-	-	-	2
	tests	4		1	2				24
no identified risk	persons	-	-	-	-	-	-	-	-
	tests								-
unknown	persons	1	3	-	-	2	-	3	205
	tests	2,577	1,916	1,584	1,373	1,825			37,688
total:	persons	10	9	1	-	5	-	4	376
	tests	4,613	3,515	2,745	2,331	3,060	4,013		60,801

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC Laboratory Services.  
TOTAL column to far right is cumulative from 1985 to 31 December 2003.

For 2003, not all risk and 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 risk and ethnicity data becomes available it will be published in future reports.

Since 2002, risk and ethnicity data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed will no longer be published in many of the HIV tables as of 2003.

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/blood product recipient  
unspecified PE – unspecified parenteral exposure  
visa/employ/insurance – visa/employment/insurance  
occupational EXP – occupational exposure

(1), (2), (3), (4), (5) and (6) – refer to HIV FOOTNOTES on page 29.

Table 2.9  
Persons Testing Newly Positive for HIV by RISK CATEGORY  
and YEAR OF TESTING – TOTAL, 1997 to 2003

Risk Category	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
MSM or WSW	persons	141	116	96	134	135	148	136	5,117
	tests	4,359	3,972	3,563	3,491	2,269	-		61,055
MSM/IDU or WSW/IDU	persons	16	13	11	11	20	16	24	280
	tests	109	64	24	26	16	-		1,878
IDU	persons	207	163	129	113	121	143	95	2,120
	tests	3,421	3,202	2,474	2,059	1,576	-		48,164
heterosexual contact	persons	74	89	91	62	93	80	58	1,027
	tests	55,028	53,597	51,605	49,209	42,477	-		441,651
sex trade worker	persons	2	1	3	1	1	-	2	32
	tests	186	211	191	148	125	-		3,809
sex trade worker/IDU	persons	13	13	13	19	11	13	18	255
	tests	135	66	59	34	17	-		3,059
hemophiliac	persons	-	-	-	1	-	-	-	68
	tests	84	78	67	67	55	-		1,029
blood/BP recipient (1)	persons	4	3	1	2	2	3	-	98
	tests	2,998	1,122	569	429	291	-		32,927
unspecified PE (2)	persons	-	-	-	1	3	1	-	43
	tests	46	207	368	91	81	-		10,476
visa/employ /insurance	persons	-	-	-	-	-	-	-	10
	tests	591	527	460	456	448	-		5,800
occupational EXP (3)	persons	-	1	-	-	1	1	-	4
	tests	4,326	1,890	1,414	2,540	2,610	-		21,990
other (4)	persons	-	8	21	12	11	21	36	132
	tests	533	403	442	1,120	1,621	-		12,372
perinatal <18 mos (5)	persons	1	3	-	-	1	-	-	19
delayed testing (6)	persons	3	4	2	-	2	2	-	24
	tests	68	41	37	20	10	-		333
no identified risk	persons	-	-	-	1	2	-	-	3
	tests								-
unknown	persons	71	66	52	49	34	11	52	2,278
	tests	68,394	72,321	74,011	75,798	84,210	-		783,720
total:	persons	532	480	419	406	437	439	421	11,510
	tests	140,278	137,701	135,284	135,488	135,806	146,489		1,574,752

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC Laboratory Services. TOTAL column to far right is cumulative from 1985 to 31 December 2003.

For 2003, not all risk and 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 risk and ethnicity data becomes available it will be published in future reports.

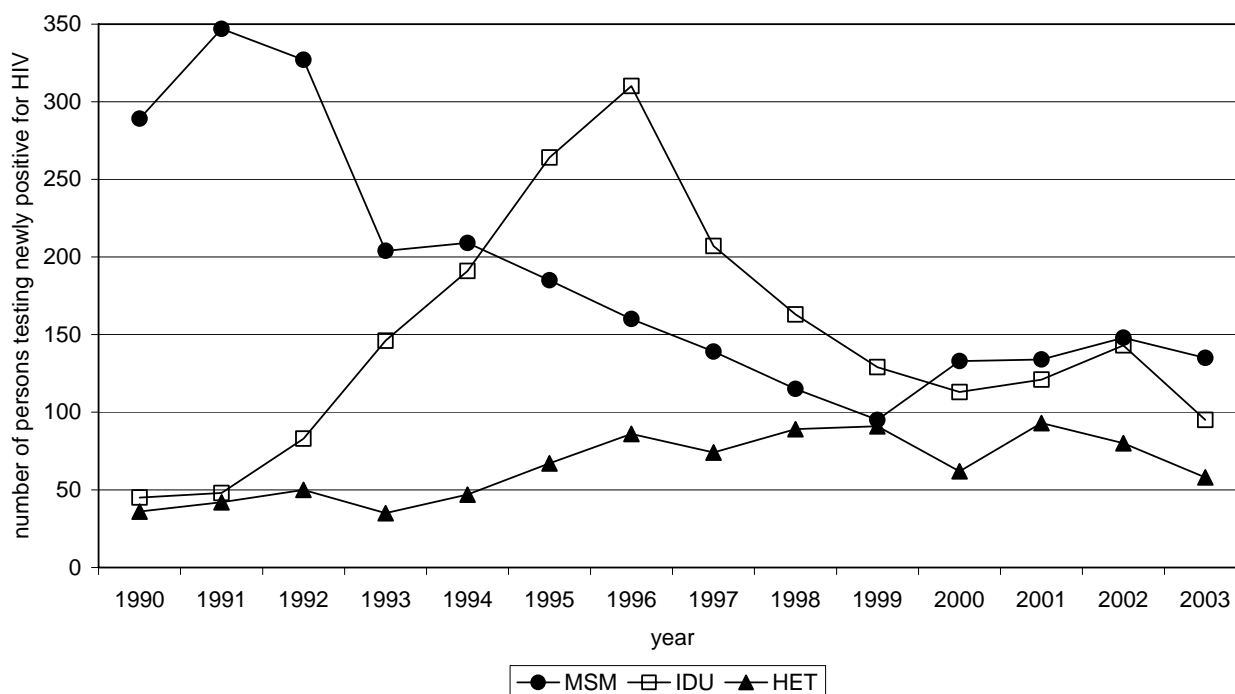
Since 2002, risk and ethnicity data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed will no longer be published in many of the HIV tables as of 2003.

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/blood product recipient  
unspecified PE – unspecified parenteral exposure  
visa/employ/insurance – visa/employment/insurance  
occupational EXP – occupational exposure

(1), (2), (3), (4), (5) and (6) – refer to HIV FOOTNOTES on page 29.

Graph 2.4  
Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR OF TESTING, 1990 to 2003



### Prenatal Screening:

Since pregnancy is not an HIV risk category, a separate table (Table 2.10) 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 to their risk (e.g. heterosexual contact).

Table 2.10  
Persons Testing Newly Positive for HIV – PRENATAL SCREENING, 1997 to 2003

Gender	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
male	persons	-	-	-	-	1	1	2	6
	tests	489	443	609	732	164	79		3,002
female	persons	6	-	-	4	18	9	9	70
	tests	23,662	23,509	23,567	23,408	23,618	12,424		167,622
unknown	persons	-	-	-	-	-	-	-	-
	tests	686	581	440	354	471	261		5,413
total:	persons	6	-	-	4	19	10	11	76
	tests	24,837	24,533	24,616	24,494	24,253	12,764		176,037

TESTS is the number of HIV tests performed as part of prenatal screening, both positive and negative, at the BCCDC Laboratory Services.

TOTAL column to far right is cumulative from 1994(4) to 31 December 2003.

Since 2002, risk and ethnicity data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed will no longer be published in many of the HIV tables as of 2003.

Table 2.11  
Persons Testing Newly Positive for HIV by ETHNICITY  
and YEAR OF TESTING – MALES, 1997 to 2003

Ethnicity	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
Caucasian	persons	263	228	200	211	242	234	206	2,226
	tests	22,083	22,755	21,729	20,976	17,071	10,136		145,451
First Nations	persons	52	34	31	35	35	35	30	372
	tests	1,791	1,948	1,880	1,757	1,572	958		12,427
Asian	persons	15	12	12	18	12	16	11	126
	tests	1,364	1,858	2,353	1,729	1,432	962		11,084
South Asian	persons	4	14	6	4	13	22	13	99
	tests	323	203	193	302	281	200		1,959
Inuit	persons	-	-	1	1	-	1	1	4
	tests	7	14	8	11	4	1		55
Metis	persons	-	4	3	-	3	3	3	21
	tests	90	147	159	113	100	72		801
Black	persons	8	15	11	10	10	12	12	99
	tests	345	335	323	326	287	188		2,271
Hispanic	persons	12	13	11	8	9	22	11	118
	tests	359	362	385	341	270	198		2,331
Arab/West Asian	persons	-	1	2	-	2	2	-	8
	tests								-
other	persons	-	-	-	2	-	1	-	3
	tests								-
unknown	persons	65	56	31	31	18	5	40	446
	tests	25,423	23,768	23,671	25,442	30,033	42,400		229,900
total:	persons	419	377	308	320	344	353	327	3,522
	tests	51,785	51,390	50,701	50,997	51,050	55,115		406,279

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC Laboratory Services. TOTAL column to far right is cumulative from 1995 to 31 December 2003.

For 2003, not all risk and 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 risk and ethnicity data becomes available it will be published in future reports.

Since 2002, risk and ethnicity data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed will no longer be published in many of the HIV tables as of 2003.



Table 2.12  
Persons Testing Newly Positive for HIV by ETHNICITY  
and YEAR OF TESTING – FEMALES, 1997 to 2003

Ethnicity	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
Caucasian	persons	50	43	47	42	40	42	40	456
	tests	28,686	29,167	28,387	27,024	22,354	12,535		187,318
First Nations	persons	28	29	40	21	31	26	22	285
	tests	3,043	3,253	3,338	3,260	2,946	1,987		22,187
Asian	persons	1	2	1	2	-	4	2	14
	tests	3,400	4,706	5,686	4,158	3,169	1,701		25,944
South Asian	persons	2	5	1	1	1	2	2	19
	tests	467	335	351	517	456	213		3,075
Inuit	persons	-	-	-	1	-	-	-	1
	tests	11	18	12	15	11	7		98
Metis	persons	3	-	2	-	-	1	3	11
	tests	105	162	184	123	94	65		900
Black	persons	3	6	8	8	13	5	10	66
	tests	243	277	258	250	216	125		1,680
Hispanic	persons	1	1	1	-	1	2	2	12
	tests	218	205	239	267	227	142		1,566
Arab/West Asian	persons	-	-	1	-	-	1	-	2
	tests								-
other	persons	-	-	-	1	-	-	-	1
	tests								-
unknown	persons	15	8	9	10	2	3	9	111
	tests	47,707	44,673	43,383	46,546	52,223	70,586		412,689
total:	persons	103	94	110	86	88	86	90	978
	tests	83,880	82,796	81,838	82,160	81,696	87,361		655,457

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC Laboratory Services. TOTAL column to far right is cumulative from 1995 to 31 December 2003.

For 2003, not all risk and 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 risk and ethnicity data becomes available it will be published in future reports.

Since 2002, risk and ethnicity data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed will no longer be published in many of the HIV tables as of 2003.

Table 2.13  
Persons Testing Newly Positive for HIV by ETHNICITY  
and YEAR OF TESTING – GENDER UNKNOWN, 1997 to 2003

Ethnicity	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
Caucasian	persons	4	3	-	-	3	-	-	12
	tests	956	949	662	591	731	390	-	6,640
First Nations	persons	1	2	1	-	-	-	-	5
	tests	78	67	76	85	56	38	-	558
Asian	persons	-	-	-	-	-	-	-	-
	tests	63	92	56	40	55	26	-	473
South Asian	persons	1	-	-	-	-	-	-	1
	tests	21	16	8	10	16	7	-	182
Inuit	persons	-	-	-	-	-	-	-	-
	tests	-	-	-	-	-	-	-	-
Metis	persons	-	-	-	-	-	-	-	-
	tests	3	7	4	3	2	1	-	21
Black	persons	-	1	-	-	-	-	-	1
	tests	16	16	11	6	11	11	-	98
Hispanic	persons	1	-	-	-	-	-	-	1
	tests	8	9	3	7	7	3	-	46
Arab/West Asian	persons	-	-	-	-	-	-	-	-
	tests	-	-	-	-	-	-	-	-
other	persons	-	-	-	-	-	-	-	-
	tests	-	-	-	-	-	-	-	-
unknown	persons	3	3	-	-	2	-	4	16
	tests	3,468	2,359	1,925	1,589	2,182	3,537	-	29,880
total:	persons	10	9	1	-	5	-	4	36
	tests	4,613	3,515	2,745	2,331	3,060	4,013	-	37,898

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC Laboratory Services. TOTAL column to far right is cumulative from 1995 to 31 December 2003.

For 2003, not all risk and 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 risk and ethnicity data becomes available it will be published in future reports.

Since 2002, risk and ethnicity data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed will no longer be published in many of the HIV tables as of 2003.

Table 2.14  
Persons Testing Newly Positive for HIV by ETHNICITY  
and YEAR OF TESTING – TOTAL, 1997 to 2003

Ethnicity	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
Caucasian	persons	317	274	247	253	285	276	246	2,694
	tests	51,725	52,871	50,778	48,591	40,156	23,061	-	339,409
First Nations	persons	81	65	72	56	66	61	52	662
	tests	4,912	5,268	5,294	5,102	4,574	2,983	-	35,172
Asian	persons	16	14	13	20	12	20	13	140
	tests	4,827	6,656	8,095	5,927	4,656	2,689	-	37,501
South Asian	persons	7	19	7	5	14	24	15	119
	tests	811	554	552	829	753	420	-	5,216
Inuit	persons	-	-	1	2	-	1	1	5
	tests	18	32	20	26	15	8	-	153
Metis	persons	3	4	5	-	3	4	6	32
	tests	198	316	347	239	196	138	-	1,722
Black	persons	11	22	19	18	23	17	22	166
	tests	604	628	592	582	514	324	-	4,049
Hispanic	persons	14	14	12	8	10	24	13	131
	tests	585	576	627	615	504	343	-	3,943
Arab/West Asian	persons	-	1	3	-	2	3	-	10
	tests	-	-	-	-	-	-	-	-
other	persons	-	-	-	3	-	1	-	4
	tests	-	-	-	-	-	-	-	-
unknown	persons	83	67	40	41	22	8	53	573
	tests	76,598	70,800	68,979	73,577	84,438	116,523	-	672,469
total:	persons	532	480	419	406	437	439	421	4,536
	tests	140,278	137,701	135,284	135,488	135,806	146,489	-	1,099,634

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC Laboratory Services. TOTAL column to far right is cumulative from 1995 to 31 December 2003.

For 2003, not all risk and 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 risk and ethnicity data becomes available it will be published in future reports.

Since 2002, risk and ethnicity data are no longer captured on the HIV requisition form. For this reason, the number of HIV tests performed will no longer be published in many of the HIV tables as of 2003.

Table 2.15  
Persons Testing Newly Positive for HIV by HEALTH SERVICE DELIVERY AREA\*  
and YEAR OF TESTING, 1997 to 2003

HA	HSDA	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
Fraser	Fraser East	persons	10	17	8	23	11	12	5	117
		rate	4.22	7.11	3.30	9.40	4.42	4.72	1.94	
		tests								-
	Fraser North	persons	50	27	29	47	38	47	43	407
		rate	9.93	5.27	5.55	8.82	6.99	8.51	7.66	
		tests								-
	Fraser South	persons	53	33	19	19	35	41	36	289
		rate	9.43	5.76	3.26	3.21	5.80	6.67	5.75	
		tests								-
Interior	East Kootenay	persons	1	2	3	1	1	1	3	17
		rate	1.26	2.54	3.81	1.27	1.26	1.25	3.73	
		tests								-
	Kootenay Boundary	persons	1	1	2	1	4	-	2	20
		rate	1.23	1.23	2.47	1.24	4.99		2.52	
		tests								-
	Okanagan	persons	9	14	6	16	11	11	15	113
		rate	2.99	4.60	1.96	5.19	3.54	3.53	4.78	
		tests								-
	Thompson Cariboo Shuswap	persons	5	10	3	8	13	8	12	72
		rate	2.31	4.62	1.39	3.69	6.06	3.69	5.53	
		tests								-
Northern	Northeast	persons	1	-	-	2	-	2	1	6
		rate	1.54			3.12		3.08	1.52	
		tests								-
	Northern Interior	persons	4	3	4	4	9	8	17	58
		rate	2.55	1.93	2.60	2.61	5.95	5.29	11.19	
		tests								-
	Northwest	persons	1	2	2	1	3	2	3	16
		rate	1.11	2.25	2.28	1.19	3.55	2.37	3.54	
		tests								-

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

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC Laboratory Services.  
RATE is per 100,000 population.  
TOTAL column to far right is cumulative from 1995 to 31 December 2003.

Table 2.15 (continued)  
 Persons Testing Newly Positive for HIV by HEALTH SERVICE DELIVERY AREA\*  
 and YEAR OF TESTING, 1997 to 2003

HA	H S D A	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
Vancouver Coastal	North Shore/Coast Garibaldi	persons	16	13	8	12	13	12	14	117
		rate	6.13	4.94	3.03	4.53	4.87	4.46	5.17	
		tests								-
	Richmond	persons	3	5	1	6	6	9	7	48
		rate	1.87	3.05	0.60	3.55	3.48	5.15	3.97	
		tests								-
	Vancouver	persons	332	310	303	221	241	228	212	2,733
		rate	59.64	55.00	53.08	38.23	41.06	38.54	35.50	
		tests								-
Vancouver Island	Central Vancouver Island	persons	17	10	11	12	13	10	9	106
		rate	7.17	4.20	4.61	5.03	5.42	4.15	3.72	
		tests								-
	North Vancouver Island	persons	2	4	2	2	1	6	3	31
		rate	1.70	3.40	1.72	1.75	0.88	5.25	2.62	
		tests								-
	South Vancouver Island	persons	24	28	17	30	35	40	38	297
		rate	7.16	8.32	5.03	8.86	10.25	11.74	11.13	
		tests								-
unknown	unknown	persons	3	1	1	-	-	-	-	82
		tests								
non-BC	non-BC	persons	-	-	-	1	3	2	1	7
		tests								
total:	total:	persons	532	480	419	406	437	439	421	4,536
		rate	13.44	12.01	10.40	10.00	10.65	10.60	10.07	
		tests	-	-	-	-	-	-	-	-

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

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC Laboratory Services.  
 RATE is per 100,000 population.  
 TOTAL column to far right is cumulative from 1995 to 31 December 2003.

Table 2.16  
Persons Testing Newly Positive for HIV by SPECIMEN SOURCE  
and YEAR OF TESTING, 1997 to 2003

Specimen Source	HIV	1997	1998	1999	2000	2001	2002	2003	TOTAL
private physician	persons	279	266	220	223	292	309	311	5,376
	tests	109,244	104,029	102,851	105,750	105,634	116,469	107,805	1,277,321
hospital	persons	79	61	40	78	75	81	76	1,663
	tests	19,147	21,069	21,407	20,728	21,477	22,231	21,113	231,805
West 12th STD Clinic (7)	persons	19	14	20	8	19	9	5	344
	tests	3,164	3,024	2,950	3,504	1,880	2,527	1,020	38,983
STD/AIDS Outreach (8)	persons	65	45	47	46	31	21	19	862
	tests	3,101	3,358	3,135	2,478	1,981	1,620	2,055	35,881
health unit	persons	3	9	4	3	3	2	7	155
	tests	5,557	6,110	4,919	3,004	3,436	2,818	2,370	51,123
Red Cross referral	persons	-	-	-	-	-	-	-	7
	tests								88
unknown	persons	10	22	25	8	2	2	1	87
	tests	65	111	22	24	1,398	824	319	2,894
VIDUS study (9)	persons	32	12	14	10	-	-	-	137
downtown clinics (10)	persons	30	27	36	20	11	15	2	213
corrections (11)	persons	15	24	13	10	4	-	-	101
total:	persons	532	480	419	406	437	439	421	8,945
	tests	140,278	137,701	135,284	135,488	135,806	146,489	134,682	1,638,095

TESTS is number of HIV tests performed, both positive and negative, at the BCCDC Laboratory Services.  
TOTAL column to far right is cumulative from 1989 to 31 December 2003.

(7), (8), (9), (10) and (11) – refer to HIV FOOTNOTES on page 29.

## HIV FOOTNOTES

No.	Risk Category	Footnote
(1)	blood/BP recipient	Follow-up is <u>not</u> done for each person testing newly positive for HIV in this risk category. Persons in this risk category are self-identified.
(2)	unspecified PE	Originally used on the requisition form to include IDU, blood/BP recipients, hospital incidents and all other parenteral exposures. Unspecified PE was eliminated from the revised requisition form in August 1987, however, original requisitions continue to be received.
(3)	occupational EXP	Follow-up <u>is</u> 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.
(4)	other	Includes the following: endemic area immigrants; semen recipients; patrons who frequent sex trade workers; and organ donors.
(5)	perinatal <18 mos	Since HIV antibody testing is not diagnostic prior to 18 months of age, HIV infections documented in this age group were confirmed through direct identification of HIV by PCR, p24 antigen testing and/or HIV culture on two or more consecutive assays.
(6)	delayed testing	A child infected through perinatal transmission who has not been previously identified prior to the age of 18 months by a direct detection method for HIV.

No.	Specimen Source	Footnote
(7)	West 12 <sup>th</sup> STD Clinic	Located at 655 West 12 <sup>th</sup> Avenue in Vancouver BC.
(8)	STD/AIDS Outreach	HIV testing is done by the outreach nurses at various sites in the Lower Mainland: jails, outreach clinics, detoxification centres.
(9)	VIDUS study	To address the outbreak of HIV among IDUs, the BC Centre for Excellence in HIV/AIDS and the BC Centre for Disease Control initiated the VIDUS study, an open cohort study, to investigate the determinants of HIV transmission and the progression of HIV in this client population.
(10)	downtown clinics	The downtown clinics provide medical, dental, pharmaceutical, nutritional and other health care services to residents of the Vancouver Downtown Eastside.
(11)	corrections	Many inmates choose to get an HIV antibody test done at the time of intake or when they perceive that they have been at risk of acquiring HIV.