



BC Centre for Disease Control

HIV / AIDS UPDATE

Year End 1998

British Columbia Centre for Disease Control Society
STD/AIDS Control

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TABLE OF CONTENTS

	Page
AIDS IN BRITISH COLUMBIA	1
AIDS Case Reports by:	
Table 1.1 Year of Diagnosis, Rate and Death, 1983-1998	2
Graph 1.1 Year of Diagnosis, 1983-1998	2
Table 1.2 Age and Year of Diagnosis - MALES, 1993-1998	3
Graph 1.2 Gender and Year of Diagnosis, 1983-1998	3
Table 1.3 Age and Year of Diagnosis - FEMALES, 1993-1998	4
Graph 1.3 Age and Year of Diagnosis, 1983-1998	5
Table 1.4 Risk Category, Gender and Year of Diagnosis, 1993-1998	6
Graph 1.4 Risk Category and Year of Diagnosis, 1983-1998	7
Table 1.5 Birthplace and Year of Diagnosis, 1983-1998	8
Table 1.6 Ethnicity, Gender and Year of Diagnosis, 1983-1998	9
Table 1.7 Geographical Distribution and Year of Diagnosis, 1993-1998	10
Graph 1.5 Geographical Distribution and Year of Diagnosis, 1983-1998	11
Table 1.8 Primary Disease, 1983-1998	12
HIV IN BRITISH COLUMBIA	13
Persons Testing Newly Positive for HIV by:	
Table 2.1 Year and Rate, 1985-1998	14
Graph 2.1 Year, 1985-1998	14
Table 2.2 Age and Year - MALES, 1993-1998	15
Table 2.3 Age and Year - FEMALES, 1993-1998	16
Table 2.4 Age and Year - GENDER UNKNOWN, 1993-1998	17
Graph 2.2 Gender and Year, 1985-1998	17
Graph 2.3 Age and Year, 1985-1998	18
Table 2.5 Risk Category and Year - MALES, 1993-1998	19
Table 2.6 Risk Category and Year - FEMALES, 1993-1998	20
Table 2.7 Risk Category and Year - GENDER UNKNOWN, 1993-1998	21
Table 2.8 Risk Category and Year - TOTAL, 1993-1998	22
Graph 2.4 Risk Category and Year, 1985-1998	23
Table 2.9 Ethnicity and Year - MALES, 1995-1998	24
Table 2.10 Ethnicity and Year - FEMALES, 1995-1998	24
Table 2.11 Ethnicity and Year - GENDER UNKNOWN, 1995-1998	25
Table 2.12 Ethnicity and Year - TOTAL, 1995-1998	25
Table 2.13 Geographical Distribution and Year, 1993-1998	26
Graph 2.5 Geographical Distribution and Year, 1989-1998	28
Table 2.14 Specimen Source and Year, 1993-1998	29
Perinatal Transmission of HIV	30
HIV Footnotes	31

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 have 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.

Any potential discrepancies between reports from the first quarter of 1997 onward and previous AIDS Update reports may be attributed to the transition from the use of the Vancouver Health Department's AIDS data to the use of Health Canada's AIDS data.

Detailed pre-1992 statistics are not provided in this quarterly report due to page limitations but are available upon request. Please forward your request to the STD/AIDS Resource Centre by telephoning (604) 660-2090, faxing (604) 775-0808, or writing to:

British Columbia Centre for Disease Control Society
Division of STD/AIDS Control
STD/AIDS Resource Centre
655 West 12th Avenue
Vancouver BC V5Z 4R4

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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 Benita Yip from the BC Centre for Excellence in HIV/AIDS for their assistance in improving the reporting of new AIDS cases.

Note:

In February/March 1999, STD/AIDS Control and the BC Centre for Excellence in HIV/AIDS made a concerted effort to identify new AIDS cases that have not yet been reported. A total of 152 potential new cases were identified. These 152 cases are included table 1.1 and graph 1.1 on page 2.

Since these cases are being entered in the database at the time this report is published, the remaining tables and graphs only include information on the 2,591 AIDS case reports currently in the database. Information on the 152 new cases will be included in the next printing of this report.

Table 1.1
AIDS Case Reports by Year of Diagnosis, Rate and Death, 1983-1998

Year of Diagnosis	Cases Reported	Rate	Cumulative Cases	Deaths
1983	9	0.31	9	9
1984	29	0.98	38	26
1985	61	2.04	99	59
1986	106	3.53	205	98
1987	135	4.43	340	119
1988	175	5.62	515	154
1989	223	6.97	738	186
1990	223	6.78	961	195
1991	264	7.83	1,225	218
1992	288	8.30	1,513	241
1993	296	8.29	1,809	238
1994	291	7.90	2,100	194
1995	257	6.79	2,357	133
1996	155	3.99	2,512	48
1997	113	2.85	2,625	11
1998	101	2.53	2,726	2
1999	17		2,743	
Total	2,743			1,931

1998 figures are year to date.
 RATE is per 100,000 population.
 DEATHS are recorded according to year of diagnosis.

Graph 1.1
AIDS Case Reports by Year of Diagnosis, 1983-1998

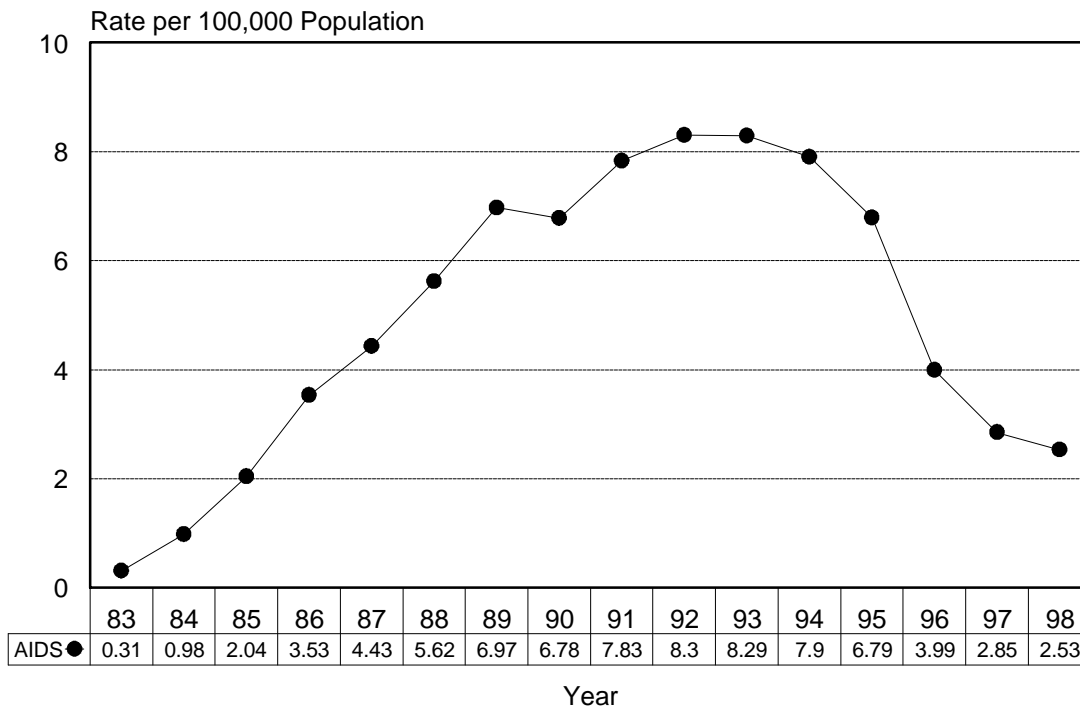


Table 1.2
AIDS Case Reports by Age and Year of Diagnosis - MALES, 1993-1998

Age	AIDS	1993	1994	1995	1996	1997	1998	TOTAL
<15	Cases	1	2	2	1	1	1	9
	Rate	0.27	0.53	0.52	0.26	0.26	0.26	
15-19	Cases	3		1				8
	Rate	2.58		0.80				
20-29	Cases	34	27	23	14	3		335
	Rate	12.55	9.84	8.29	4.95	1.06		
30-39	Cases	117	135	110	70	14	13	1,121
	Rate	36.85	41.16	32.66	20.51	4.08	3.87	
40-49	Cases	95	79	69	40	14	11	751
	Rate	35.91	28.45	23.63	13.10	4.46	3.49	
50+	Cases	31	32	31	17	6	4	253
	Rate	6.98	6.97	6.55	3.49	1.18	0.76	
Unknown	Cases							
Total	Cases	281	275	236	142	38	29	2,477
	Rate	15.78	14.99	12.52	7.34	1.93	1.47	

1998 figures are year to date.
 RATE is per 100,000 population.
 TOTAL column to the far right is cumulative from 1983 to year to date.

Graph 1.2
AIDS Case Reports by Gender and Year of Diagnosis, 1983-1998

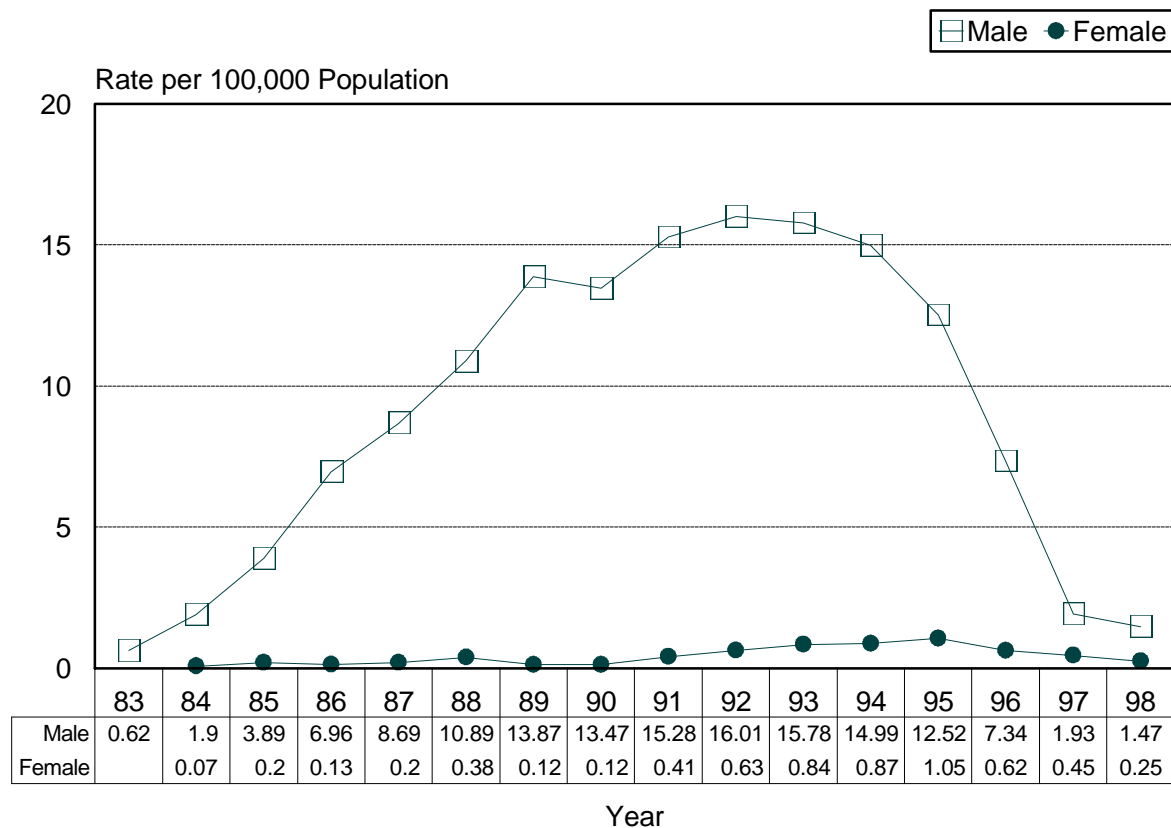


Table 1.3
AIDS Case Reports by Age and Year of Diagnosis - FEMALES, 1993-1998

Age	AIDS	1993	1994	1995	1996	1997	1998	TOTAL
<15	Cases	1	1			1		5
	Rate	0.29	0.28			0.27		
15-19	Cases				1			1
	Rate				0.81			
20-29	Cases	6	6	5	2	3	1	35
	Rate	2.29	2.28	1.88	0.73	1.09	0.36	
30-39	Cases	5	5	10	7	3	3	48
	Rate	1.59	1.54	3.02	2.09	0.89	0.90	
40-49	Cases	2	2	4	1		1	15
	Rate	0.77	0.73	1.38	0.33		0.32	
50+	Cases	1	2	1	1	2		10
	Rate	0.20	0.39	0.19	0.18	0.35		
Unknown	Cases							
Total	Cases	15	16	20	12	9	5	114
	Rate	0.84	0.87	1.05	0.62	0.45	0.25	

1998 figures are year to date.

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1983 to year to date.

Graph 1.3
AIDS Case Reports by Age and Year of Diagnosis, 1983-1998

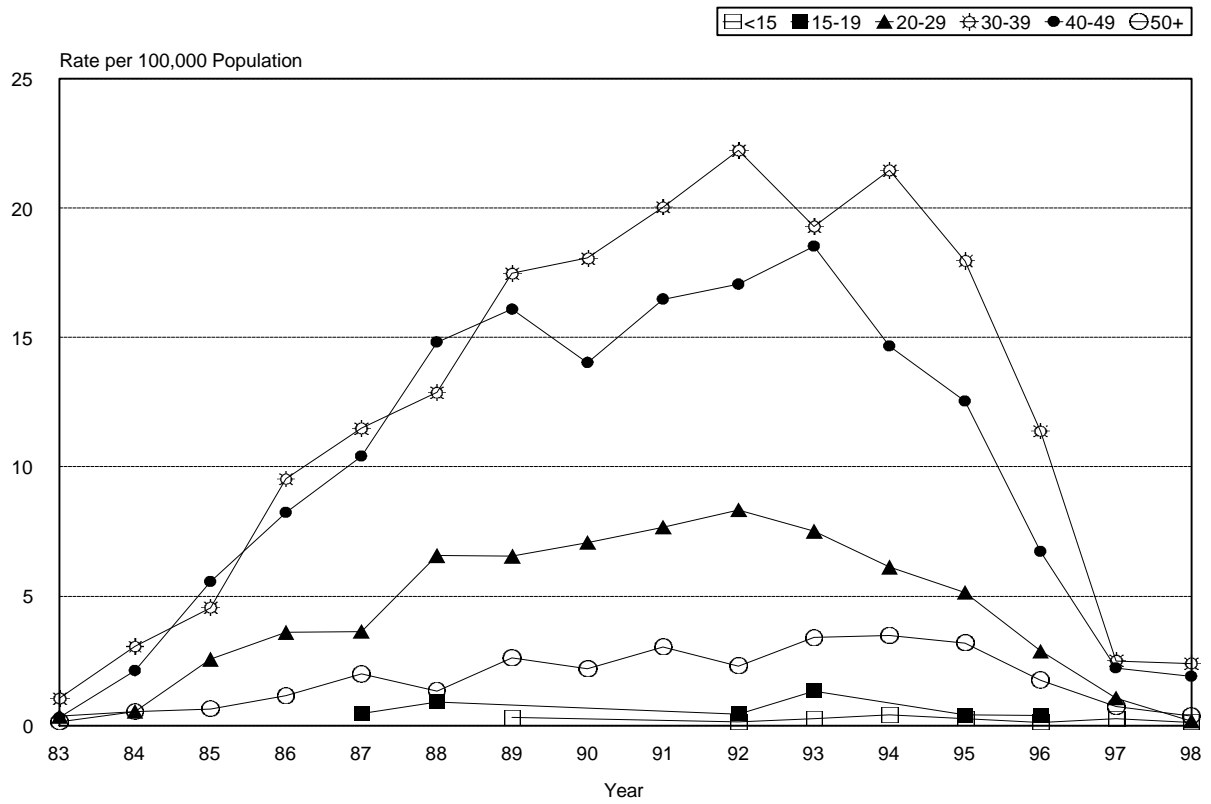


Table 1.4
AIDS Case Reports by Risk Category, Gender and Year of Diagnosis, 1993-1998

Risk Category	Gender	1993	1994	1995	1996	1997	1998	TOTAL
MSM or WSW	Males	228	225	179	93	28	15	2,091
	Females							
	Total	228	225	179	93	28	15	2,091
MSM/IDU or WSW/IDU	Males	16	14	12	14	1		126
	Females							
	Total	16	14	12	14	1		126
IDU	Males	13	18	21	22	3	8	106
	Females	8	8	10	6	6	5	52
	Total	21	26	31	28	9	13	158
Hemophiliac	Males	2		2	3			24
	Females	2						2
	Total	4		2	3			26
BP Recipient	Males	2	1					11
	Females							8
	Total	2	1					19
Heterosexual Contact	Males	10	11	13	9	5	5	67
	Females	4	7	10	6	1		46
	Total	14	18	23	15	6	5	113
Perinatal	Males	1	1	2	1	1	1	8
	Females	1	1			1		5
	Total	2	2	2	1	2	1	13
Unknown	Males	9	5	7				44
	Females					1		1
	Total	9	5	7		1		45
Total	Males	281	275	236	142	38	29	2,477
	Females	15	16	20	12	9	5	114
	Total	296	291	256	154	47	34	2,591

1998 figures are year to date.

TOTAL column to far right is cumulative from 1983 to year to date.

MSM - men who have sex with men
 WSW - women who have sex with women
 IDU - injection drug user
 BP Recipient - blood product recipient

Graph 1.4
AIDS Case Reports by Risk Category and Year of Diagnosis, 1983-1998

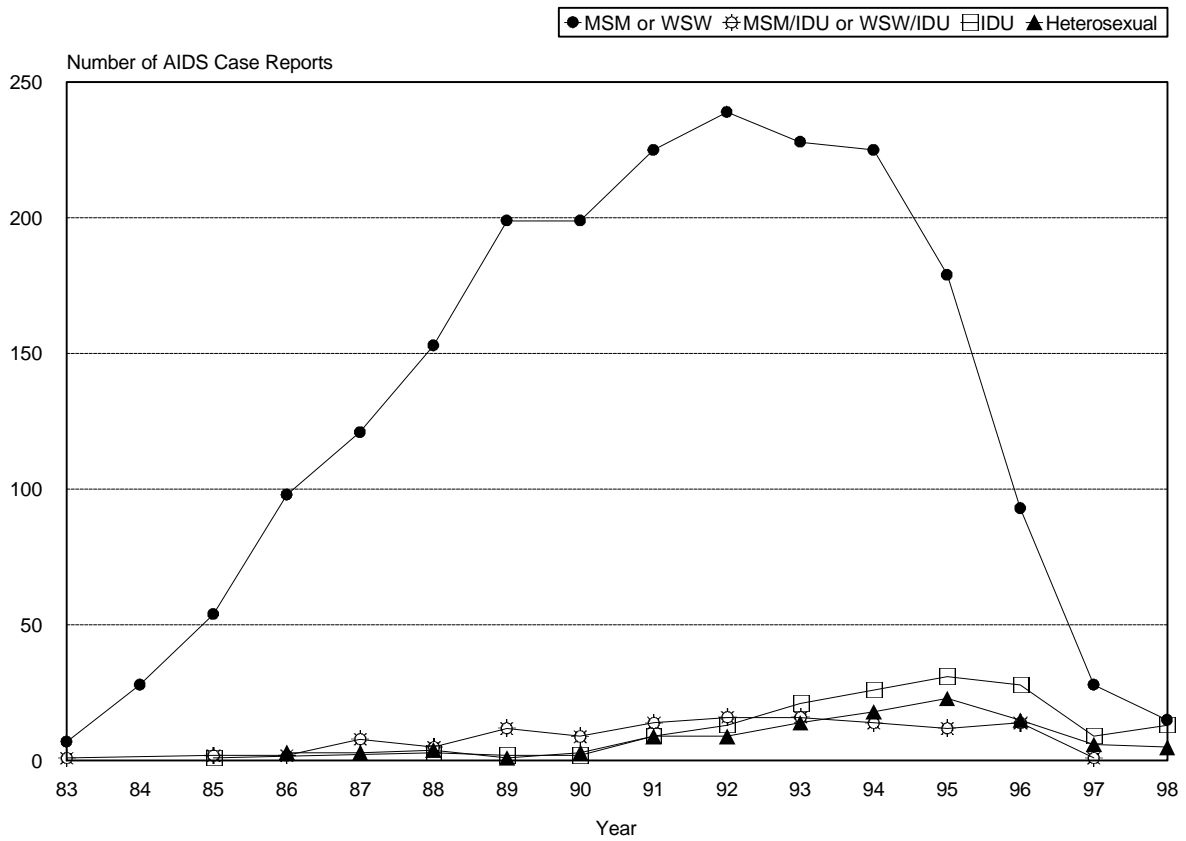


Table 1.5
AIDS Case Reports by Birthplace and Year of Diagnosis, 1983-1998

Year of Diagnosis	Canada	UK	USA	Europe	Africa	Central	Middle East	Asia	Aust/NZ	Unknown	TOTAL
1983	7			1						1	9
1984	27			1						1	29
1985	54	2	1	4							61
1986	90	1	1	3	2	2		2		5	106
1987	108	3	5	3		2		2	2	10	135
1988	147	3	5	4	1	4		2		9	175
1989	191	5	3	10		6		2	1	5	223
1990	200	8	5	2	1	2		3		2	223
1991	246	3	1	5	1	1		4	1	2	264
1992	246	6	4	4	2	8		6	4	8	288
1993	265	8	6	5	1	4		5		2	296
1994	254	4	2	7	3	5		9	3	4	291
1995	219	3	8	4	7	3	2	7		3	256
1996	127	3	3	4	2	2	1	3		9	154
1997	33	1		4				1		8	47
1998	15	1			1		2			15	34
Total	2,229	51	44	61	21	39	5	46	11	84	2,591

1998 figures are year to date.

UK - United Kingdom
 USA - United States of America
 Central - Central America/South America/Caribbean
 Aust/NZ - Australia/New Zealand

Table 1.6
AIDS Case Reports by Ethnicity, Gender and Year of Diagnosis, 1993-1998

Ethnicity	AIDS	1993	1994	1995	1996	1997	1998	TOTAL
White	Males	250	227	191	114	35	19	1,992
	Females	8	10	12	9	4	3	70
	Total	258	237	203	123	39	22	2,062
Native Indian	Males	12	17	19	16	2	3	98
	Females	4	2	2	2	5	2	19
	Total	16	19	21	18	7	5	117
Asian	Males	2	5	7	3		1	34
	Females	1	1	1				4
	Total	3	6	8	3		1	38
South Asian	Males	1	4	3	1		3	20
	Females		1		1			2
	Total	1	5	3	2		3	22
Inuit	Males		1					2
	Females			1				1
	Total		1	1				3
Metis	Males	1		1		1	1	5
	Females							
	Total	1		1		1	1	5
Black	Males	3	3	6	6		2	34
	Females	1	1	2				7
	Total	4	4	8	6		2	41
Hispanic	Males	4	5	1	1			25
	Females			1				2
	Total	4	5	2	1			27
Arab/West Asian	Males		1	1	1			3
	Females							
	Total		1	1	1			3
Other	Males	3	5	2				14
	Females	1						1
	Total	4	5	2				15
Unknown	Males	5	7	5				250
	Females		1	1				8
	Total	5	8	6				258
Total	Males	281	275	236	142	38	29	2,477
	Females	15	16	20	12	9	5	114
	Total	296	291	256	154	47	34	2,591

1998 figures are year to date.

TOTAL column to far right is cumulative from 1983 to year to date.

Table 1.7
AIDS Case Reports by Geographical Distribution and Year of Diagnosis, 1993-1998
(Metropolitan Health Department and Provincial Health Unit)

Health Unit/Department	AIDS	1993	1994	1995	1996	1997	1998	TOTAL
Boundary	Cases	8	10	12	3	2	2	78
	Rate	1.64	1.98	2.28	0.55	0.36	0.36	
Burnaby	Cases	7	4	6	2		1	55
	Rate	4.02	2.24	3.28	1.07		0.53	
Capital Regional District	Cases	23	24	26	24	1		212
	Rate	7.19	7.40	7.90	7.23	0.30		
Cariboo	Cases				1			8
	Rate				1.36			
Central Fraser Valley	Cases	1	1	1				8
	Rate	0.51	0.49	0.48				
Central Kootenay	Cases	2			2			10
	Rate	2.60			2.45			
Central Vancouver Island	Cases	4	3	4	2	1		36
	Rate	1.88	1.35	1.75	0.86	0.42		
Coast Garibaldi	Cases	2	3	2				22
	Rate	3.06	4.39	2.83				
East Kootenay	Cases			2	1			8
	Rate			2.58	1.26			
North Okanagan	Cases		1					4
	Rate		0.92					
North Shore	Cases	10	8	14	3	2	4	87
	Rate	5.91	4.65	8.06	1.70	1.12	2.25	
Northern Interior	Cases	1		1	2	3	2	14
	Rate	0.83		0.79	1.55	2.27	1.52	
Peace River	Cases		1	1				7
	Rate		1.63	1.59				
Richmond	Cases	6	4	7	1		1	39
	Rate	4.31	2.78	4.69	0.65		0.62	
Simon Fraser	Cases	3	4	6	4	3		57
	Rate	1.11	1.42	2.06	1.32	0.97		
Skeena	Cases	1	2	1	2	1		9
	Rate	1.16	2.29	1.13	2.22	1.09		
South Central	Cases	1		2	1	1	1	12
	Rate	0.84		1.58	0.77	0.75	0.75	
South Okanagan	Cases	2	4					23
	Rate	0.99	1.90					

1998 figures are year to date.

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1983 to year to date for each health department/unit.

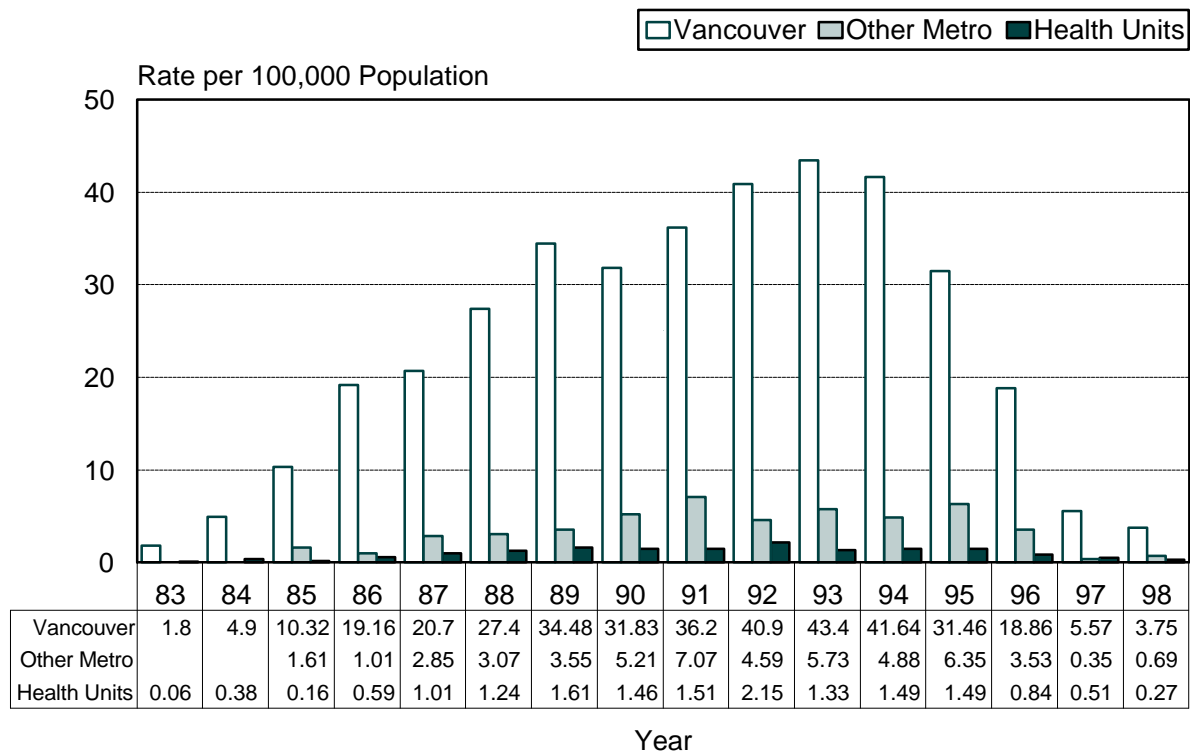
CENTRAL FRASER VALLEY: As of 1996, any AIDS case reports, by year of diagnosis, that fall within the areas previously served by Central Fraser Valley Health Unit will now be designated to the following health units: Mission to Upper Fraser Valley; Maple Ridge and Pitt Meadows to Simon Fraser; and Langley to Boundary.

Table 1.7 (continued)
AIDS Case Reports by Geographical Distribution and Year of Diagnosis, 1993-1998
(Metropolitan Health Department and Provincial Health Unit)

Health Unit/Department	AIDS	1993	1994	1995	1996	1997	1998	TOTAL
Upper Fraser Valley	Cases	2	4	3	2	1		31
	Rate	0.96	1.84	1.34	0.86	0.42		
Upper Island	Cases				1			9
	Rate				0.84			
Vancouver	Cases	220	216	167	103	31	21	1,850
	Rate	43.40	41.64	31.46	18.86	5.57	3.75	
Unknown	Cases	3	2	1		1	2	12
Total	Cases	296	291	256	154	47	34	2,591
	Rate	8.29	7.90	6.77	3.97	1.19	0.85	

1998 figures are year to date.
 RATE is per 100,000 population.
 TOTAL column to far right is cumulative from 1983 to year to date for each health department/unit.

Graph 1.5
AIDS Case Reports by Geographical Distribution and Year of Diagnosis, 1983-1998



OTHER METRO is comprised of the following health departments: Burnaby, Capital Regional District, North Shore, and Richmond.
 HEALTH UNITS is comprised of the 16 remaining health units listed and unknown.

Table 1.8
AIDS Case Reports by Primary Disease, 1983-1998

Year	KS	PCP	OI	OM	HIV WS	HIV ENC	TOTAL
1983	2	3	4				9
1984	17	8	3			1	29
1985	17	26	10	8			61
1986	29	48	22	6		1	106
1987	24	62	36	10		3	135
1988	33	64	62	9	1	6	175
1989	50	77	77	9	5	5	223
1990	38	78	76	14	3	14	223
1991	44	108	89	3	9	11	264
1992	48	103	103	7	11	16	288
1993	37	76	138	14	15	16	296
1994	40	70	131	11	15	24	291
1995	36	57	123	8	11	21	256
1996	21	40	73	8	7	5	154
1997	7	10	21	6	2	1	47
1998	6	11	13	2	2		34
Total	449	841	981	115	81	124	2,591

Total Cases	KS	PCP	OI	OM	HIV WS	HIV ENC	TOTAL
Alive	116	204	272	27	19	22	660
Dead	333	637	709	88	62	102	1,931

1998 figures are year to date.

AIDS case reports formally classified as "KS and PCP" are now classified as either "KS" or "PCP".

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

HIV IN BRITISH COLUMBIA

In many jurisdictions, the use of HIV testing data to obtain an accurate view of the epidemic has been hampered by concerns over confidentiality. Consequent omission of unique patient identifiers from testing requisitions and data sets lead to difficulty with identifying duplicate tests for the same individual and with obtaining missing risk and demographic data.

Some jurisdictions in Canada have chosen to address the above concerns by adopting a system of nominal testing. Rather than opting to modify a system of non-nominal HIV testing which has been accepted by physicians and community groups in British Columbia, we sought to improve HIV surveillance by making better use of non-nominal information already in place.

The non-nominal ***Enhanced HIV Surveillance System*** (HIVSS) involves the following:

- Reporting of all positive HIV tests from the laboratory to a surveillance database.
- A computerized algorithm to identify duplicate HIV testing reports.
- A nurse/epidemiologist to perform follow-up on positive HIV test reports with healthcare providers. This serves to obtain missing information, validate existing information, and resolve outstanding questions of duplication. Also at this time, a selection of resources for assistance in case management is offered. During this interaction, a nurse/epidemiologist does not request client names when codes or initials have been used on requisitions.

Interpretation of HIV Tables:

In previous *Quarterly Reports*, the HIV tables represented the number of reactive test reports without the removal of duplicates. *With the 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. *HIV data in the following tables now more closely represent the number of individuals with a new positive HIV test report.*

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Elsie Wong, BSN, MBA

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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 HIVSS project.

Table 2.1
Persons Testing Newly Positive for HIV by Year and Rate, 1985-1998

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	690	18.23	130,338
1996	714	18.39	138,250
1997	561	14.17	140,278
1998	482	12.09	137,701
Total	9,421		1,021,685

1998 figures are year to date.

TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.

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, 1985-1998

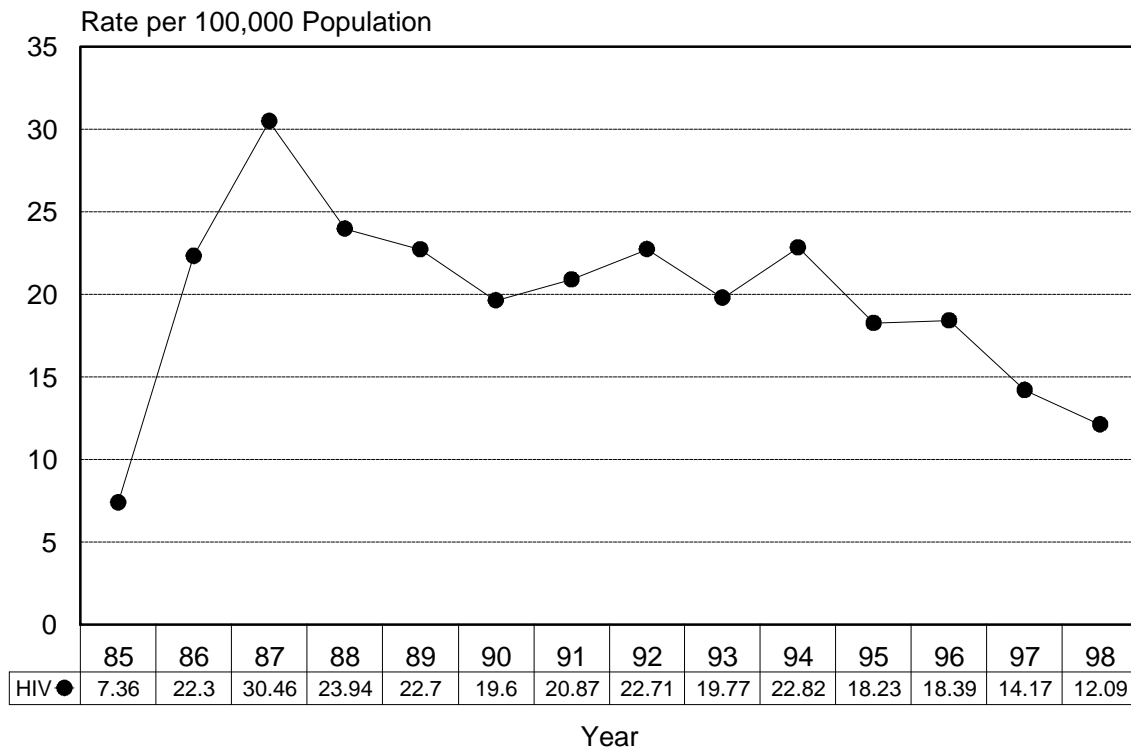


Table 2.2
Persons Testing Newly Positive for HIV by Age and Year - MALES, 1993-1998

Age	HIV	1993	1994	1995	1996	1997	1998	TOTAL
<18 mos	Persons	3	3	2	1	2	1	15
	Rate	4.13	4.10	2.73	1.35	2.70	1.37	
19 mos to 14 yrs	Persons	3	2	3	1	1	2	25
	Rate	1.02	0.66	0.98	0.32	0.32	0.64	
< 15 yrs	Tests	493	406	1,021	394	682	544	4,973
	Persons	5	3	1	6	2	3	67
15-19	Rate	4.30	2.48	0.80	4.58	1.49	2.25	
	Tests	1,510	1,597	1,952	2,155	2,803	2,750	17,267
	Persons	154	137	125	98	88	57	2,097
20-29	Rate	56.83	49.94	45.05	34.63	30.96	20.30	
	Tests	12,517	12,260	13,831	16,163	16,215	16,213	131,087
	Persons	232	302	227	255	199	163	3,314
30-39	Rate	73.06	92.08	67.41	74.70	58.00	48.57	
	Tests	12,108	12,486	13,738	15,447	15,431	15,146	128,958
	Persons	105	133	126	128	107	103	1,616
40-49	Rate	39.69	47.89	43.15	41.92	34.10	32.65	
	Tests	6,869	7,143	8,056	9,141	9,549	9,772	73,504
	Persons	45	41	40	54	47	46	592
50+	Rate	10.13	8.93	8.45	11.08	9.28	8.70	
	Tests	5,196	4,650	5,736	5,623	6,156	6,180	48,126
	Persons	24	16	6		2	2	255
Unknown	Tests	1,340	1,061	929	1,055	949	785	13,418
	Persons	571	637	530	543	448	377	7,981
Total	Rate	32.07	34.72	28.11	28.08	22.73	19.05	
	Tests	40,033	39,603	45,263	49,978	51,785	51,390	417,333

1998 figures are year to date.

TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1985 to year to date.

Table 2.3
Persons Testing Newly Positive for HIV by Age and Year - FEMALES, 1993-1998

Age	HIV	1993	1994	1995	1996	1997	1998	TOTAL
< 18 mos	Persons	1	2				1	7
	Rate	1.44	2.88				1.46	
19 mos to 14 yrs	Persons		1	1	1			5
	Rate		0.35	0.34	0.34			
< 15 yrs	Tests	541	486	945	581	956	846	5,718
	Persons	2	4	3	5	1	1	40
	Rate	1.83	3.54	2.56	4.07	0.79	0.79	
15-19	Tests	3,607	4,611	6,022	7,031	8,271	8,138	46,691
	Persons	29	38	64	53	29	37	370
	Rate	11.09	14.41	24.06	19.38	10.52	13.15	
20-29	Tests	17,842	21,171	28,988	32,991	33,240	33,187	216,702
	Persons	47	59	69	74	54	35	436
	Rate	14.91	18.19	20.83	22.07	16.03	10.44	
30-39	Tests	15,124	17,716	24,193	26,977	26,462	26,425	177,541
	Persons	11	23	15	31	13	19	145
	Rate	4.25	8.39	5.17	10.20	4.15	6.01	
40-49	Tests	6,178	6,134	7,952	8,595	9,022	8,779	61,889
	Persons	4	4	2	3	5	3	35
	Rate	0.80	0.78	0.38	0.55	0.88	0.52	
50+	Tests	4,001	3,060	4,500	3,821	4,525	4,191	31,487
	Persons	6	9	2		1		35
	Samples	1,739	1,483	1,458	1,672	1,404	1,230	15,672
Unknown	Persons	100	140	156	167	103	96	1,073
	Rate	5.58	7.58	8.22	8.57	5.18	4.78	
	Tests	49,032	54,661	74,058	81,668	83,880	82,796	555,700

1998 figures are year to date.

TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.

RATE is per 100,000 population.

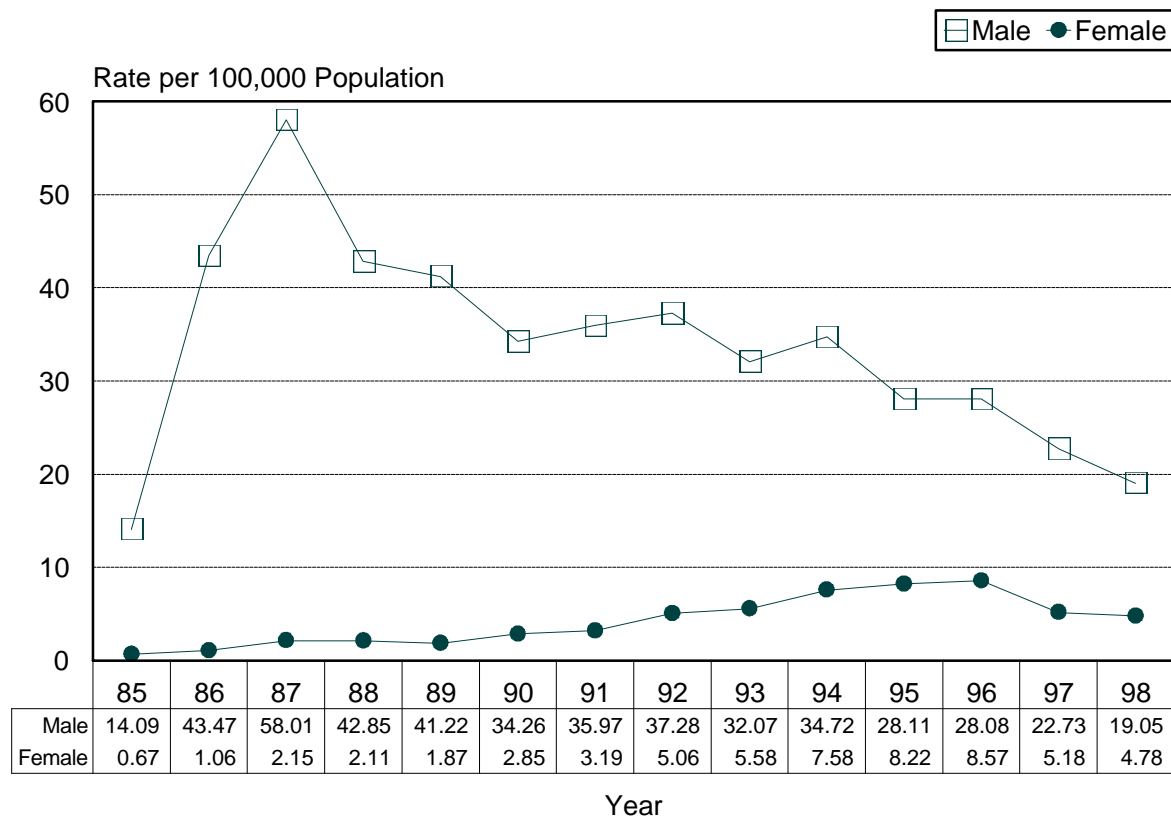
TOTAL column to far right is cumulative from 1985 to year to date.

Table 2.4
Persons Testing Newly Positive for HIV by Age and Year - GENDER UNKNOWN, 1993-1998

Age	HIV	1993	1994	1995	1996	1997	1998	TOTAL
< 18 mos	Persons							
19 mos to 14 yrs	Persons		1			1		2
< 15 yrs	Tests	33	85	185	41	43	32	496
15-19	Persons		2					7
	Tests	203	638	682	394	233	225	2,827
20-29	Persons	9	18			1	1	69
	Tests	1,113	3,897	4,135	2,089	1,166	927	16,084
30-39	Persons	12	25		2	6	2	109
	Tests	918	2,950	3,289	1,763	1,007	747	13,015
40-49	Persons	8	10		1	1	2	60
	Tests	476	1,127	1,289	700	462	313	5,455
50+	Persons	1	4		1		1	21
	Tests	358	701	1,033	494	319	215	3,771
Unknown	Persons	5	3	4		1	3	99
	Tests	440	456	404	1,123	1,383	1,056	7,004
Total	Persons	35	63	4	4	10	9	367
	Tests	3,541	9,854	11,017	6,604	4,613	3,515	48,652

1998 figures are year to date.
 TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.
 TOTAL column to far right is cumulative from 1985 to year to date.

Graph 2.2
Persons Testing Newly Positive for HIV by Gender and Year, 1985-1998



Graph 2.3
Persons Testing Newly Positive for HIV by Age and Year, 1985-1998

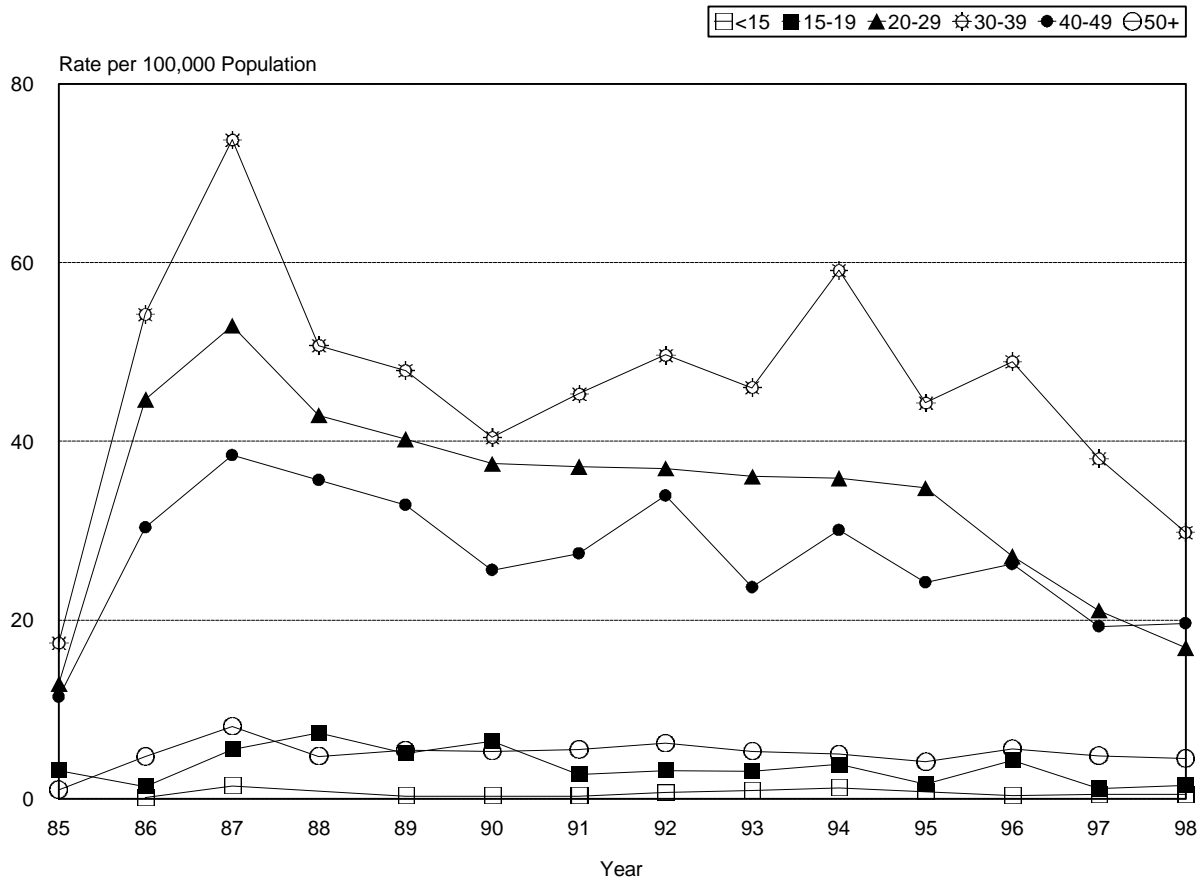


Table 2.5
Persons Testing Newly Positive for HIV by Risk Category and Year - MALES, 1993-1998

Risk Category	HIV	1993	1994	1995	1996	1997	1998	TOTAL
MSM	Persons	204	209	183	159	146	116	4,361
	Tests	3,812	3,820	4,074	4,068	3,871	3,536	47,240
MSM/IDU	Persons	10	12	24	26	14	6	171
	Tests	138	154	174	145	74	42	1,389
IDU	Persons	111	149	196	240	168	125	1,169
	Tests	2,999	3,238	3,706	3,896	2,335	2,303	28,414
Hemophiliac	Persons	4						63
	Tests	58	46	62	40	66	67	724
Heterosexual Contact (1)	Persons	21	30	44	45	51	50	398
	Tests	6,885	7,017	10,419	13,878	14,017	13,463	91,571
Sex Trade Worker	Persons	1	1	2	3	4		20
	Tests	119	102	149	124	85	64	1,300
Sex Trade Worker/IDU	Persons	7	3	5	7	1	6	36
	Tests	44	38	31	27	8	7	317
Blood/BP Recipient (2)	Persons	3	3	5	3	1	2	51
	Tests	2,258	1,286	2,462	728	1,125	451	11,310
Unspecified PE (3)	Persons	1		2				24
	Tests	299	294	394	241	26	71	4,086
Visa/Employ/Insurance	Persons							10
	Tests	135	154	328	283	347	283	2,436
Occupational EXP (4)	Persons			1			1	2
	Tests	325	244	232	566	1,245	537	4,091
Unknown	Persons	205	224	61	56	60	60	1,628
	Tests	22,618	22,939	22,797	25,617	28,332	30,387	219,763
Other (5)	Persons	1	3	2	2		8	26
	Tests	341	268	421	350	219	161	4,571
Perinatal <18 mos (6)	Persons	3	3	2	1	2	1	15
	Tests			3	1	1	2	7
Delayed Testing (7)	Persons							
	Tests	2	3	14	15	35	18	121
Total	Persons	571	637	530	543	448	377	7,981
	Tests	40,033	39,603	45,263	49,978	51,785	51,390	417,333

1998 figures are year to date.

TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.

TOTAL column to far right is cumulative from 1985 to year to date.

MSM - men who have sex with men

IDU - injection drug user

Blood/BP Recipient - blood product recipient

Unspecified PE - unspecified parenteral exposure

Visa/Employ/Insurance - Visa/Employment/Insurance

Occupational EXP - occupational exposure

(1), (2), (3), (4), (5), (6), and (7) - refer to FOOTNOTES on page 31

Table 2.6
Persons Testing Newly Positive for HIV by Risk Category and Year - FEMALES, 1993-1998

Risk Category	HIV	1993	1994	1995	1996	1997	1998	TOTAL
WSW	Persons	1	1			2		14
	Tests	296	361	472	515	408	370	3,424
WSW/IDU	Persons	1	1	4	1	1	1	9
	Tests	36	37	85	64	34	20	374
IDU	Persons	34	35	69	70	49	37	340
	Tests	1,218	1,296	1,502	1,600	1,004	841	12,412
Hemophiliac	Persons							1
	Tests	5	3	12	8	17	8	94
Heterosexual Contact (1)	Persons	12	16	21	39	25	37	226
	Tests	8,879	9,145	29,192	39,054	39,493	38,818	196,746
Sex Trade Worker	Persons		1		1		1	9
	Tests	176	159	181	187	96	142	1,937
Sex Trade Worker/IDU	Persons	6	21	38	41	14	12	161
	Tests	268	310	305	274	125	59	2,565
Blood/BP Recipient (2)	Persons	3	2	2			1	35
	Tests	3,967	2,077	4,314	1,233	1,753	635	18,697
Unspecified PE (3)	Persons			3				13
	Tests	588	688	926	406	17	127	5,438
Visa/Employ/Insurance	Persons							
	Tests	99	109	230	214	228	228	1,868
Occupational EXP (4)	Persons							
	Tests	952	791	677	1,529	2,904	1,290	10,710
Unknown	Persons	42	60	18	13	12	6	251
	Tests	32,029	39,325	35,695	36,219	37,485	40,018	297,032
Other (5)	Persons		1		1			5
	Tests	517	357	448	344	287	217	4,279
Perinatal <18 mos (6)	Persons	1	2				1	7
	Tests							
Delayed Testing (7)	Persons			1	1			2
	Tests	2	3	19	21	29	23	124
Total	Persons	100	140	156	167	103	96	1,073
	Tests	49,032	54,661	74,058	81,668	83,880	82,796	555,700

1998 figures are year to date.

TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.

TOTAL column to far right is cumulative from 1985 to year to date.

WSW - women who have sex with women

IDU - injection drug user

Blood/BP Recipient - blood product recipient

Unspecified PE - unspecified parenteral exposure

Visa/Employ/Insurance - Visa/ Employment/Insurance

Occupational EXP - occupational exposure

(1), (2), (3), (4), (5), (6) and (7) - refer to FOOTNOTES on page 31

Table 2.7
Persons Testing Newly Positive for HIV by Risk Category and Year - GENDER UNKNOWN, 1993-

Risk Category	HIV	1993	1994	1995	1996	1997	1998	TOTAL
MSM or WSW	Persons	13	14			1	1	99
	Tests	111	112	111	100	80	66	1,068
MSM/IDU or WSW/IDU	Persons	1		2				4
	Tests	5	5	13	9	1	2	49
IDU	Persons	1	7		2	6	3	31
	Tests	129	178	181	167	82	58	1,229
Hemophiliac	Persons							3
	Tests	1	3	4		1	3	22
Heterosexual Contact (1)	Persons	2	1			1	2	18
	Tests	511	606	2,333	2,042	1,518	1,316	10,043
Sex Trade Worker	Persons		1					1
	Tests	17	12	16	4	5	5	108
Sex Trade Worker/IDU	Persons	1	1					3
	Tests	11	9	6	6	2		67
Blood/BP Recipient (2)	Persons							2
	Tests	301	209	625	88	120	36	1,631
Unspecified PE (3)	Persons							2
	Tests	33	72	83	39	3	9	412
Visa/Employ/Insurance	Persons							
	Tests	9	15	26	19	16	16	132
Occupational EXP (4)	Persons							
	Tests	60	44	32	133	177	63	625
Unknown	Persons	17	39	2	2	2	3	203
	Tests	2,328	8,558	7,553	3,946	2,577	1,916	32,906
Other (5))	Persons							1
	Tests	25	30	30	44	27	25	339
Perinatal <18 mos (6) Delayed Testing (7)	Persons							
	Tests		1	4	7	4		21
Total	Persons	35	63	4	4	10	9	367
	Tests	3,541	9,854	11,017	6,604	4,613	3,515	48,652

1998

1998 figures are year to date.

TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.

TOTAL column to far right is cumulative from 1985 to year to date.

MSM - men who have sex with men

WSW - women who have sex with women

IDU - injection drug user

Blood/BP Recipient - blood product recipient

Unspecified PE - unspecified parenteral exposure

Visa/Employ/Insurance - Visa/Employment/Insurance

Occupational EXP - occupational exposure

(1), (2), (3), (4), (5), (6) and (7) - refer to FOOTNOTES on page 31

Table 2.8
Persons Testing Newly Positive for HIV by Risk Category and Year - TOTAL, 1993-1998

Risk Category	HIV	1993	1994	1995	1996	1997	1998	TOTAL
MSM or WSW	Persons	218	224	183	159	149	117	4,474
	Tests	4,219	4,293	4,657	4,683	4,359	3,972	51,732
MSM/IDU or WSW/IDU	Persons	12	13	30	27	15	7	184
	Tests	179	196	272	218	109	64	1,812
IDU	Persons	146	191	265	312	223	165	1,540
	Tests	4,346	4,712	5,389	5,663	3,421	3,202	42,055
Hemophiliac	Persons	4						67
	Tests	64	52	78	48	84	78	840
Heterosexual Contact (1)	Persons	35	47	65	84	77	89	642
	Tests	16,275	16,768	41,944	54,974	55,028	53,597	298,360
Sex Trade Worker	Persons	1	3	2	4	4	1	30
	Tests	312	273	346	315	186	211	3,345
Sex Trade Worker/IDU	Persons	14	25	43	48	15	18	200
	Tests	323	357	342	307	135	66	2,949
Blood/BP Recipient (2)	Persons	6	5	7	3	1	3	88
	Tests	6,526	3,572	7,401	2,049	2,998	1,122	31,638
Unspecified PE (3)	Persons	1		5				39
	Tests	920	1,054	1,403	686	46	207	9,936
Visa/Employ/Insurance	Persons							10
	Tests	243	278	584	516	591	527	4,436
Occupational EXP (4)	Persons			1			1	2
	Tests	1,337	1,079	941	2,228	4,326	1,890	15,426
Unknown	Persons	264	323	81	71	74	69	2,082
	Tests	56,975	70,822	66,045	65,782	68,394	72,321	549,701
Other (5)	Persons	1	4	2	3		8	32
	Tests	883	655	899	738	533	403	9,189
Perinatal <18 mos (6)	Persons	4	5	2	1	2	2	22
	Tests			4	2	1	2	9
Delayed Testing (7)	Persons							
	Tests	4	7	37	43	68	41	266
Total	Persons	706	840	690	714	561	482	9,421
	Tests	92,606	104,118	130,338	138,250	140,278	137,701	1,021,685

1998 figures are year to date.

TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.

TOTAL column to far right is cumulative from 1985 to year to date.

MSM - men who have sex with men

WSW - women who have sex with women

IDU - injection drug user

Blood/BP Recipient - blood product recipient

Unspecified PE - unspecified parenteral exposure

Visa/Employ/Insurance - Visa/Employment/Insurance

Occupational EXP - occupational exposure

(1), (2), (3), (4), (5), (6) and (7) - refer to FOOTNOTES on page 31

Graph 2.4
Persons Testing Newly Positive for HIV by Risk Category and Year, 1985-1998

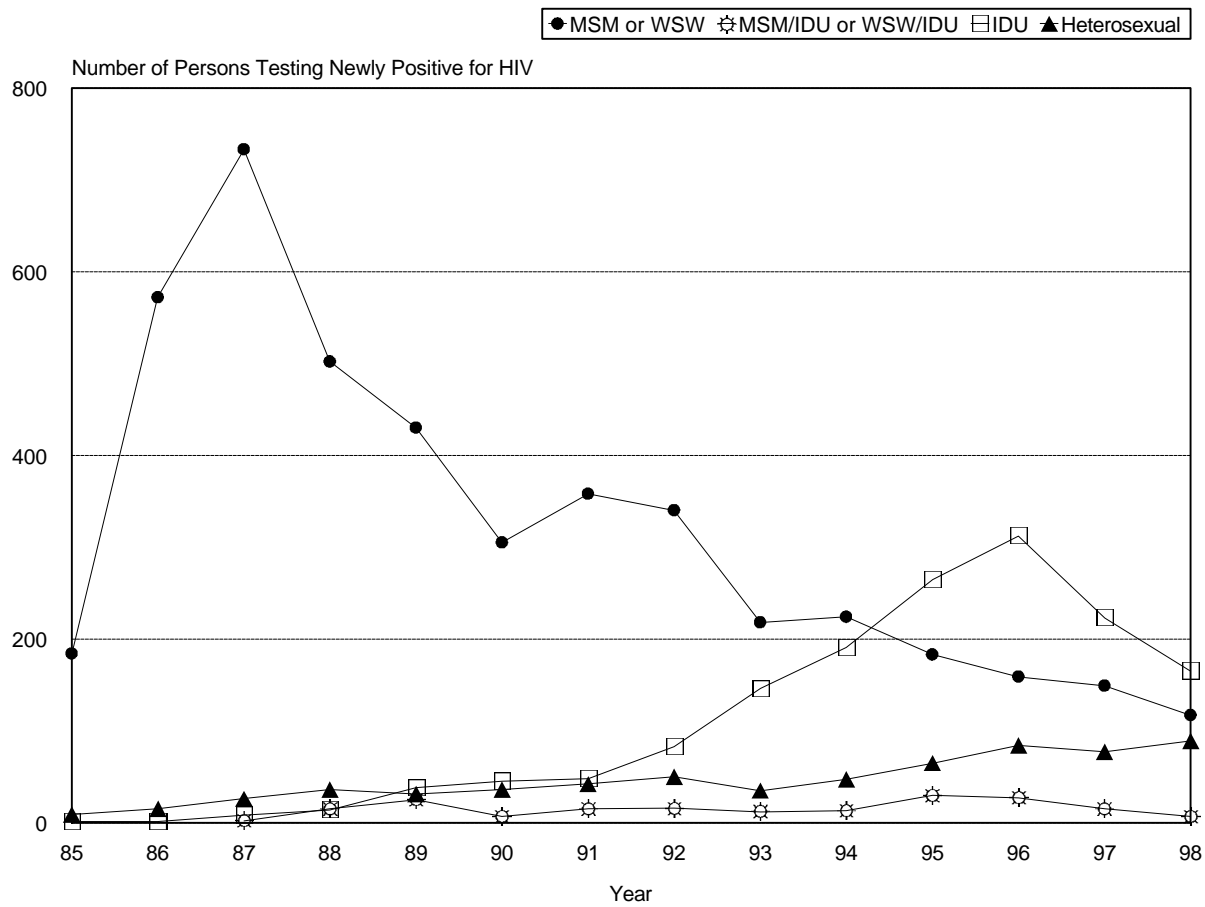


Table 2.9
Persons Testing Newly Positive for HIV by Ethnicity and Year - MALES, 1995-1998

Ethnicity	HIV	1995	1996	1997	1998	TOTAL
White	Persons	312	334	286	228	1,160
	Tests	11,221	19,480	22,083	22,755	75,539
Native Indian	Persons	52	66	54	35	207
	Tests	1,016	1,505	1,791	1,948	6,260
Asian	Persons	12	18	16	12	58
	Tests	477	909	1,364	1,858	4,608
South Asian	Persons	11	11	4	14	40
	Tests	213	244	323	203	983
Inuit	Persons			1		1
	Tests	7	3	7	14	31
Metis	Persons	4	1		4	9
	Tests	45	75	90	147	357
Black	Persons	9	10	9	15	43
	Tests	163	304	345	335	1,147
Hispanic	Persons	18	14	12	13	57
	Tests	157	259	359	362	1,137
Unknown	Persons	112	89	66	56	323
	Tests	31,964	27,199	25,423	23,768	108,354
Total	Persons	530	543	448	377	1,898
	Tests	45,263	49,978	51,785	51,390	198,416

Table 2.10
Persons

Testing Newly Positive for HIV by Ethnicity and Year - FEMALES, 1995-1998

Ethnicity	HIV	1995	1996	1997	1998	TOTAL
White	Persons	75	78	50	42	245
	Tests	13,891	25,274	28,686	29,167	97,018
Native Indian	Persons	33	54	28	30	145
	Tests	1,595	2,765	3,043	3,253	10,656
Asian	Persons	1	1	1	1	4
	Tests	1,029	2,095	3,400	4,706	11,230
South Asian	Persons	5		3	5	13
	Tests	338	398	467	335	1,538
Inuit	Persons					
	Tests	11	13	11	18	53
Metis	Persons	1	1	3		5
	Tests	60	107	105	162	434
Black	Persons	5	7	3	6	21
	Tests	106	205	243	277	831
Hispanic	Persons	1	3	1	1	6
	Tests	95	173	218	205	691
Unknown	Persons	35	23	14	11	83
	Tests	56,933	50,638	47,707	44,673	199,951
Total	Persons	156	167	103	96	522
	Tests	74,058	81,668	83,880	82,796	322,402

TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.
 Ethnicity data was collected beginning in 1995.

Table 2.11
Persons Testing Newly Positive for HIV by Ethnicity and Year - GENDER UNKNOWN, 1995-1998

Ethnicity	HIV	1995	1996	1997	1998	TOTAL
White	Persons	1	1	4	3	9
	Tests	1,216	1,145	956	949	4,266
Native Indian	Persons	1	1	1	2	5
	Tests	67	91	78	67	303
Asian	Persons					
	Tests	81	60	63	92	296
South Asian	Persons			1		1
	Tests	86	18	21	16	141
Inuit	Persons					
	Tests					
Metis	Persons					
	Tests	1		3	7	11
Black	Persons				1	1
	Tests	13	14	16	16	59
Hispanic	Persons			1		1
	Tests	4	5	8	9	26
Unknown	Persons	2	2	3	3	10
	Tests	9,549	5,271	3,468	2,359	20,647
Total	Persons	4	4	10	9	27
	Tests	11,017	6,604	4,613	3,515	25,749

Table 2.12
Persons

Testing Newly Positive for HIV by Ethnicity and Year - TOTAL, 1995-1998

Ethnicity	HIV	1995	1996	1997	1998	TOTAL
White	Persons	388	413	340	273	1,414
	Tests	26,328	45,899	51,725	52,871	176,823
Native Indian	Persons	86	121	83	67	357
	Tests	2,678	4,361	4,912	5,268	17,219
Asian	Persons	13	19	17	13	62
	Tests	1,587	3,064	4,827	6,656	16,134
South Asian	Persons	16	11	8	19	54
	Tests	637	660	811	554	2,662
Inuit	Persons			1		1
	Tests	18	16	18	32	84
Metis	Persons	5	2	3	4	14
	Tests	106	182	198	316	802
Black	Persons	14	17	12	22	65
	Tests	282	523	604	628	2,037
Hispanic	Persons	19	17	14	14	64
	Tests	256	437	585	576	1,854
Unknown	Persons	149	114	83	70	416
	Tests	98,446	83,108	76,598	70,800	328,952
Total	Persons	690	714	561	482	2,447
	Tests	130,338	138,250	140,278	137,701	546,567

TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.
 Ethnicity data was collected beginning in 1995.

Table 2.13
Persons Testing Newly Positive for HIV by Geographical Distribution and Year, 1993-1998
(Metropolitan Health Department and Provincial Health Unit)

Health Unit/Department	HIV	1993	1994	1995	1996	1997	1998	TOTAL
Boundary	Persons	17	29	29	41	51	31	262
	Rate	3.48	5.73	5.50	7.55	9.18	5.51	
	Tests	5,705	6,993	11,682	12,546	15,505	15,565	78,635
Burnaby	Persons	20	16	13	19	17	9	151
	Rate	11.48	8.96	7.11	10.16	9.00	4.73	
	Tests	3,979	4,540	5,585	5,733	5,808	5,680	39,433
Capital Regional District	Persons	23	44	34	36	24	28	366
	Rate	7.19	13.56	10.34	10.85	7.17	8.37	
	Tests	8,584	9,066	11,633	11,934	12,148	14,004	83,927
Cariboo	Persons	2	2	2	3	2	1	18
	Rate	2.98	2.90	2.82	4.09	2.64	1.32	
	Tests	867	1,088	1,627	1,738	1,979	1,901	10,868
Central Fraser Valley	Persons	19	26					81
	Rate	9.67	12.73					
	Tests	2,974	3,625					12,122
Central Kootenay	Persons	1	4	2	10	2	1	32
	Rate	1.30	5.06	2.49	12.25	2.43	1.22	
	Tests	1,012	1,386	1,855	1,861	2,011	1,860	11,995
Central Vancouver Island	Persons	14	22	13	14	19	10	135
	Rate	6.58	9.93	5.68	6.00	7.94	4.15	
	Tests	4,260	4,947	6,634	6,948	7,347	7,094	44,857
Coast Garibaldi	Persons	4	10	1	7	5	3	42
	Rate	6.12	14.62	1.41	9.55	6.55	3.83	
	Tests	1,282	1,647	2,009	2,462	2,416	2,384	14,385
East Kootenay	Persons		2	4	2	2	1	14
	Rate		2.65	5.17	2.53	2.49	1.24	
	Tests	603	743	1,204	1,360	1,551	1,393	8,010
North Okanagan	Persons	3	4	2	4	4	4	31
	Rate	2.90	3.69	1.80	3.51	3.43	3.41	
	Tests	1,231	1,569	2,392	2,639	2,848	2,772	15,982
North Shore	Persons	16	19	13	13	8	11	135
	Rate	9.45	11.05	7.48	7.35	4.48	6.18	
	Tests	4,174	4,379	5,013	4,847	5,157	5,216	37,358
Northern Interior	Persons	11	8	5	2	4	2	48
	Rate	9.08	6.47	3.95	1.55	3.03	1.52	
	Tests	3,086	3,426	3,989	4,034	4,099	3,981	29,327

1998 figures are year to date.

TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1989 to year to date for each health department/unit.

CENTRAL FRASER VALLEY: As of 1995, any HIV positive test reports that fall within the areas previously served by the Central Fraser Valley Health Unit will now be designated to the following health units: Mission to Upper Fraser Valley; Maple Ridge and Pitt Meadows to Simon Fraser; and Langley to Boundary.

Table 2.13 (continued)

**Persons Testing Newly Positive for HIV by Geographical Distribution and Year, 1993-1998
(Metropolitan Health Department and Provincial Health Unit)**

Health Unit/Department	HIV	1993	1994	1995	1996	1997	1998	TOTAL
Peace River	Persons	1	3		2	1		9
	Rate	1.66	4.89		3.09	1.53		
	Tests	713	1,042	1,630	1,723	1,757	1,732	9,768
Richmond	Persons	6	15	8	8	5	7	77
	Rate	4.31	10.42	5.36	5.16	3.15	4.36	
	Tests	2,001	2,411	3,363	3,631	3,613	3,428	22,549
Simon Fraser	Persons	19	34	56	40	36	22	272
	Rate	7.04	12.08	19.21	13.22	11.63	6.99	
	Tests	4,725	5,839	8,918	9,742	9,967	10,154	59,662
Skeena	Persons	3	6	3	2	1	2	26
	Rate	3.47	6.88	3.39	2.22	1.09	2.19	
	Tests	1,263	1,847	2,250	2,561	2,938	2,647	16,162
South Central	Persons	7	3	4	5	4	10	54
	Rate	5.90	2.44	3.16	3.83	3.00	7.47	
	Tests	2,291	2,692	3,467	4,017	4,145	4,095	24,731
South Okanagan	Persons	18	15	14	12	6	11	103
	Rate	8.87	7.12	6.48	5.44	2.65	4.84	
	Tests	3,395	4,043	5,436	5,830	5,647	5,616	36,604
Upper Fraser Valley	Persons	10	16	21	17	14	17	122
	Rate	4.81	7.37	9.35	7.35	5.93	7.10	
	Tests	3,412	3,836	6,029	6,322	7,634	7,574	41,362
Upper Island	Persons	5	7	5	8	2	4	40
	Rate	4.67	6.24	4.32	6.75	1.65	3.29	
	Tests	2,214	2,736	3,709	3,950	3,983	3,910	24,975
Vancouver	Persons	504	552	461	469	352	307	4,816
	Rate	99.43	106.40	86.84	85.86	63.30	54.84	
	Tests	33,583	34,812	39,373	41,087	37,542	36,356	313,247
Unknown	Persons	3	3			2	1	22
	Tests	1,252	1,451	2,540	3,285	2,183	339	14,387
Total	Persons	706	840	690	714	561	482	6,856
	Rate	19.77	22.82	18.23	18.39	14.17	12.09	
	Tests	92,606	104,118	130,338	138,250	140,278	137,701	950,346

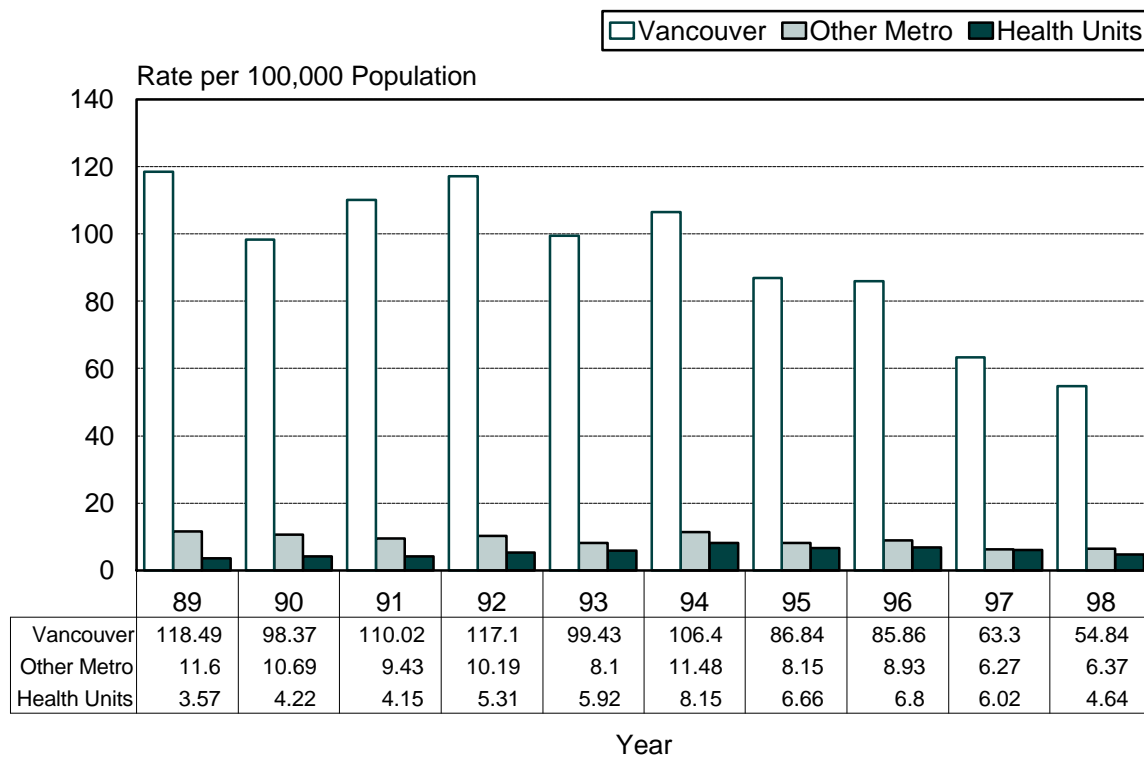
1998 figures are year to date.

TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1989 to year to date is for each health department/unit.

Graph 2.5
Persons Testing Newly Positive for HIV by Geographical Distribution and Year, 1989-1998



METRO is comprised of the following health departments: Burnaby, Capital Regional District, North Shore, and Richmond.
 HEALTH UNITS is comprised of the 16 health units and unknown listed on the previous pages.

OTHER

Table 2.14
Persons Testing Newly Positive for HIV by Specimen Source and Year, 1993-1998

Specimen Source	HIV	1993	1994	1995	1996	1997	1998	TOTAL
Private Physician	Persons	417	541	437	393	335	284	4,238
	Tests	72,496	81,036	103,590	109,830	109,244	104,029	738,812
Hospital	Persons	151	154	129	110	73	58	1,280
	Tests	11,408	13,128	16,520	17,612	19,147	21,069	124,849
STD/A TEC Clinic (8)	Persons	33	21	26	22	21	15	285
	Tests	3,083	3,144	3,192	3,066	3,164	3,024	27,102
STD/AIDS Outreach (9)	Persons	94	105	90	82	57	49	679
	Tests	2,425	2,924	2,771	3,023	3,101	3,358	24,612
Health Unit	Persons	9	17	8	13	13	14	145
	Tests	3,179	3,877	4,255	4,712	5,557	6,110	34,576
Red Cross Referral	Persons	2						7
	Tests	3	8	1	1			88
Unknown	Persons		2					4
	Tests	12	1	9	6	65	111	307
VIDUS Study (10)	Persons				69	32	16	117
Downtown Clinics (11)	Persons				25	30	21	76
Corrections	Persons						25	25
Total	Persons	706	840	690	714	561	482	6,856
	Tests	92,606	104,118	130,338	138,250	140,278	137,701	950,346

Any positive test result for HIV from the UBC Virology Laboratory or the BC Biomedical Ltd. is referred to the Provincial Laboratory at the BC Centre for Disease Control Society for confirmatory testing.

Specimen Source	HIV	1993	1994	1995	1996	1997	1998	TOTAL
UBC Virology Laboratory (12)	Tests	2,529	2,789	2,916	3,956	3,846	3,413	26,698
BC Biomedical Ltd. (13)	Tests	1,487	1,441	1,654	1,694	1,371	1,152	13,983
Total	Tests	4,016	4,230	4,570	5,650	5,217	4,565	40,681

1998 figures are year to date.

TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.

TOTAL column to far right is cumulative from 1989 to year to date.

VIDUS Study - Vancouver Injection Drug User Study

UBC Virology Laboratory - University of British Columbia Virology Laboratory

(8), (9), (10), (11), (12) and (13) - refer to FOOTNOTES on page 31

Perinatal Transmission of HIV

Since HIV antibody status is not diagnostic prior to 18 months of age, HIV infections documented in this age group are confirmed through direct identification of HIV by PCR, p24 antigen testing and/or HIV culture on two or more consecutive assays.

Table 2.15 has been produced to more accurately indicate the number of perinatal HIV infections in British Columbia. The first row (maternal AB) indicates those <18 months of age with maternal antibodies for HIV whereas the second row (true infection) indicates those <18 months of age with true HIV infections.

Table 2.15

Maternal Antibody Positive for HIV vs True HIV Infection - <18 MONTHS OF AGE from 1990-1998 (Jan 1 to June 30)

HIV	1990	1991	1992	1993	1994	1995	1996	1997	1998*	TOTAL
maternal AB	7	9	10	15	17	24	16	17	9	124
true infection	2	1	2	4	5	2	1	2	2	21

maternal AB - maternal antibodies

***Note:** Please note that Table 2.15 contains data only to June 30, 1998. The table will be updated in the next semi-annual report.

A question asking whether HIV testing is being done as part of a prenatal assessment was added to the HIV requisition form in January 1995.

Since pregnancy is not an HIV risk category, a separate table (Table 2.16) 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.

Please note that the pregnant women who have tested positive for HIV are included in Table 2.6 - Persons Testing Newly Positive for HIV by Risk Category in accordance to their risk (e.g. heterosexual contact).

Table 2.16

Women Testing Newly Positive for HIV - PRENATAL SCREENING, 1994-1998

HIV	1994(4)	1995	1996	1997	1998	TOTAL
Persons		14	11	5	8	38
Tests	102	17,322	23,116	24,837	24,533	89,910

HIV FOOTNOTES

No.	Risk Category	Footnote
-1	Heterosexual Contact	Replaced the risk category 'cohabitant/sexual contact' in August 1987.
-2	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.
-3	Unspecified PE	Initially used on the requisition form to include IDU, blood/blood product 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.
-4	Occupational EXP	Follow-up <u>is</u> done on each reactive HIV test in this risk category to determine if the person's reactive test is the result of a <u>true</u> occupational exposure.
-5	Other	Includes the following: endemic area immigrants; semen recipients; persons who frequent prostitutes; and organ donors.
-6	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 detection of HIV on two or more consecutive assays by PCR, p24 antigen testing and/or HIV culture.
-7	Offspring of HIV+ Parent [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. This risk category was included in 1996.

No.	Specimen Source	Footnote
-8	STD/A TEC Clinic	Since January 1990, patients who visit the STD Clinic for STD testing but also have an HIV test done are recorded separately from ATEC Clinic patients who have an HIV test done. Both the STD and ATEC Clinic are located at 655 West 12 th Avenue in Vancouver.
-9	STD/AIDS Outreach	HIV testing is done by the AIDS street outreach nurses at various sites in the Lower Mainland - city jail, outreach clinics, and detoxification centres.
-10	VIDUS Study	To address the outbreak of HIV among injection drug users, the BC Centre for Excellence in HIV/AIDS and the BC Centre for Disease Control Society initiated the VIDUS Study (an open cohort study) to investigate the determinants of HIV transmission and the progression of HIV in this client population.
-11	Downtown Clinics	The Downtown Clinics provide medical, dental, pharmaceutical, nutritional, and other health care services to residents of Vancouver's Downtown Eastside.
-12	UBC Virology Laboratory	When the workload at the Provincial Laboratory is excessive and test results are urgently required, such as organ transplant donors, UBC will perform HIV antibody ELISA tests. Positive ELISA screens are always confirmed with Western Blots by the Provincial Laboratory.
-13	BC Biomedical Ltd.	BC Biomedical, in Vancouver, is under contract with the US Government to perform HIV antibody tests on all US immigration applications.