



BC Centre for Disease Control



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Program*

*2000 Silver
Level Recipient*

HIV / AIDS UPDATE

Year End 1999

British Columbia Centre for Disease Control Society
STD/AIDS Control

prepared by

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Table of Contents

	Page
AIDS in British Columbia	3
AIDS Case Reports by:	
Table 1.1 Year of Diagnosis, 1983 to 1999	4
Graph 1.1 Year of Diagnosis, 1983 to 1999	4
Table 1.2 Age and Year of Diagnosis - MALES, 1994 to 1999	5
Table 1.3 Age and Year of Diagnosis - FEMALES, 1994 to 1999	5
Table 1.4 Age and Year of Diagnosis - TOTAL, 1994 to 1999	6
Graph 1.2 Gender and Year of Diagnosis, 1983 to 1999	6
Graph 1.3 Age and Year of Diagnosis, 1983 to 1999	7
Graph 1.4 Risk Category and Year of Diagnosis, 1983 to 1999	7
Table 1.5 Risk Category, Gender and Year of Diagnosis, 1983 to 1999	8
Table 1.6 Ethnicity, Gender and Year of Diagnosis, 1983 to 1999	9
Table 1.7 Health Region and Year of Diagnosis, 1983 to 1999	10
Table 1.7 Health Region and Year of Diagnosis, 1983 to 1999 (continued)	11
Table 1.8 First Disease Indicative of AIDS and Year of Diagnosis, 1983 to 1999 ..	12
Graph 1.5 Year of Diagnosis for BC and Canada, 1991 to 1999	13
Graph 1.6 Age and Gender for BC, 1999	14
Graph 1.7 Health Region for BC, 1999	15
HIV In British Columbia	16
Persons Testing Newly Positive for HIV by:	
Table 2.1 Year of Diagnosis, 1985 to 1999	17
Graph 2.1 Year of Diagnosis, 1985 to 1999	18
Table 2.2 Age and Year - MALES, 1994 to 1999	19
Table 2.3 Age and Year - FEMALES, 1994 to 1999	20
Table 2.4 Age and Year - UNKNOWN, 1994 to 1999	21
Graph 2.2 Gender and Year, 1994 to 1999	22
Table 2.5 Age and Year - TOTAL, 1994 to 1999	23
Graph 2.3 Age and Year, 1994 to 1999	24
Graph 2.4 Risk Category and Year, 1987 to 1999	25
Table 2.6 Risk Category and Year - MALES, 1994 to 1999	26
Table 2.7 Risk Category and Year - FEMALES, 1994 to 1999	27
Table 2.8 Risk Category and Year - UNKNOWN, 1994 to 1999	28
Table 2.9 Risk Category and Year - TOTAL, 1994 to 1999	29
Table 2.10 Ethnicity and Year - MALES, 1995 to 1999	30
Table 2.11 Ethnicity and Year - FEMALES, 1995 to 1999	31
Graph 2.5 Ethnicity and Year - MALES, 1995 to 1999	32
Graph 2.6 Ethnicity and Year - FEMALES, 1995 to 1999	33
Table 2.12 Ethnicity and Year - UNKNOWN, 1995 to 1999	34
Table 2.13 Ethnicity and Year - TOTAL, 1995 to 1999	35
Table 2.14 Health Region and Year, 1994 to 1999	36
Table 2.15 Specimen Source and Year, 1994 to 1999	38
Table 2.16 Maternal Antibody Positive Versus True HIV Infection, 1990 to 1999	39
Table 2.17 Prenatal Screening, 1994 (4) to 1999	39
Graph 2.7 HIV by Year for BC and Canada, 1991 to 1999	40
Graph 2.8 HIV by AGE and Gender, 1999	40
Graph 2.9 HIV by Health Region, 1999	41
HIV Footnotes	42

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-1994 statistics are not provided in this semi-annual 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

Acknowledgements:

Division of HIV/AIDS Surveillance, Bureau of HIV/AIDS and STD, Laboratory Centre for Disease Control, Health Protection Branch, Health Canada, for allowing us the use of their AIDS data.

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.

Table 1.1
AIDS Case Reports by YEAR OF DIAGNOSIS, 1983 to 1999

Year of Diagnosis	Cases Reported	Rate	Cumulative Cases
1983	9	0.31	9
1984	29	0.98	38
1985	61	2.04	99
1986	106	3.53	205
1987	135	4.43	340
1988	175	5.62	515
1989	223	6.97	738
1990	223	6.78	961
1991	265	7.86	1,226
1992	287	8.27	1,513
1993	295	8.26	1,808
1994	292	7.93	2,100
1995	252	6.66	2,352
1996	154	3.97	2,506
1997	138	3.49	2,644
1998	133	3.32	2,777
1999	103	2.55	2,880
TOTAL:	2,880		

Rate per 100,000 population

Graph 1.1
AIDS Case Reports by YEAR OF DIAGNOSIS, 1983 to 1998

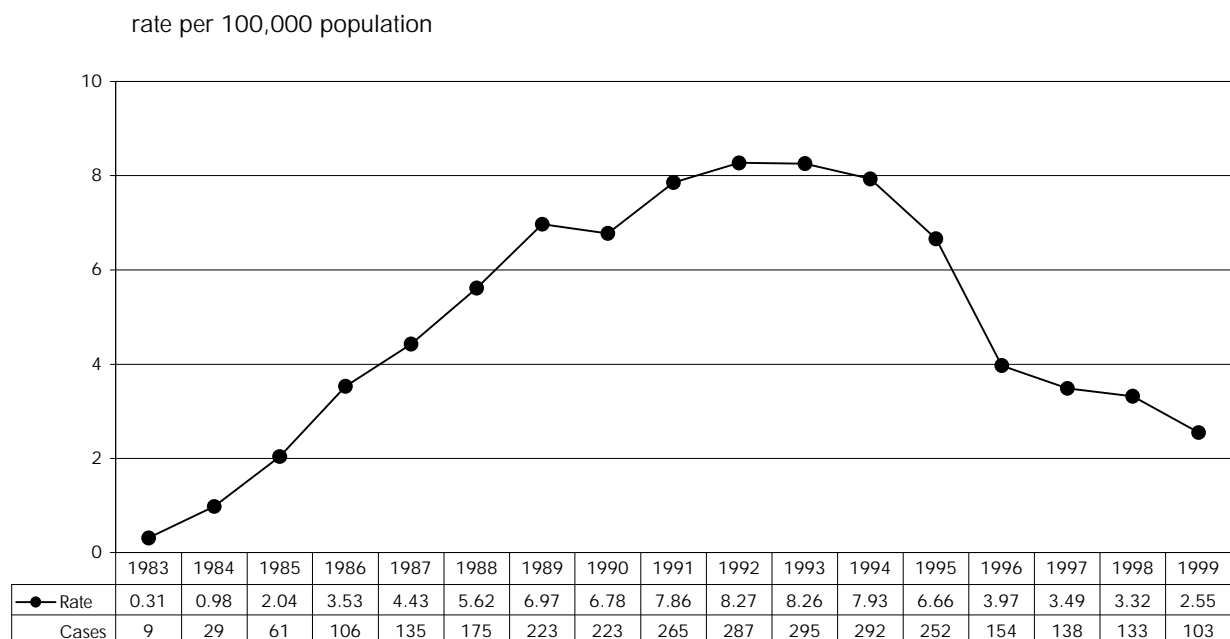


Table 1.2

AIDS Case Reports by AGE and YEAR OF DIAGNOSIS - MALES, 1994 to 1999

Age	AIDS	1994	1995	1996	1997	1998	1999	TOTAL
< 15	cases	2	2	1	1	1		9
	rate	0.53	0.52	0.26	0.26	0.26		
15 to 19	cases		1					8
	rate		0.80					
20 to 29	cases	27	22	14	11	11	4	358
	rate	9.84	7.93	4.95	3.87	3.89	1.43	
30 to 39	cases	135	109	72	49	44	39	1,224
	rate	41.16	32.37	21.09	14.28	12.91	11.52	
40 to 49	cases	80	67	40	38	42	28	833
	rate	28.81	22.94	13.10	12.11	13.08	8.53	
50+	cases	32	31	16	13	16	13	285
	rate	6.97	6.55	3.28	2.57	3.05	2.40	
unknown	cases							-
total:	cases	276	232	143	112	114	84	2,717
	rate	15.04	12.30	7.39	5.68	5.72	4.18	

Table 1.3

AIDS Case Reports by AGE and YEAR OF DIAGNOSIS - FEMALES, 1994 to 1999

Age	AIDS	1994	1995	1996	1997	1998	1999	TOTAL
< 15	cases	1			2			6
	rate	0.28			0.54			
15 to 19	cases			1				1
	rate			0.81				
20 to 29	cases	6	5	2	3	3	1	38
	rate	2.28	1.88	0.73	1.09	1.09	0.37	
30 to 39	cases	5	10	6	15	10	8	74
	rate	1.54	3.02	1.79	4.45	2.98	2.39	
40 to 49	cases	2	4	1	3	5	7	29
	rate	0.73	1.38	0.33	0.96	1.56	2.13	
50+	cases	2	1	1	2	1	2	13
	rate	0.39	0.19	0.18	0.35	0.17	0.33	
unknown	cases							
total:	cases	16	20	11	25	19	18	161
	rate	0.87	1.05	0.56	1.26	0.94	0.88	

RATE is per 100,000 population.

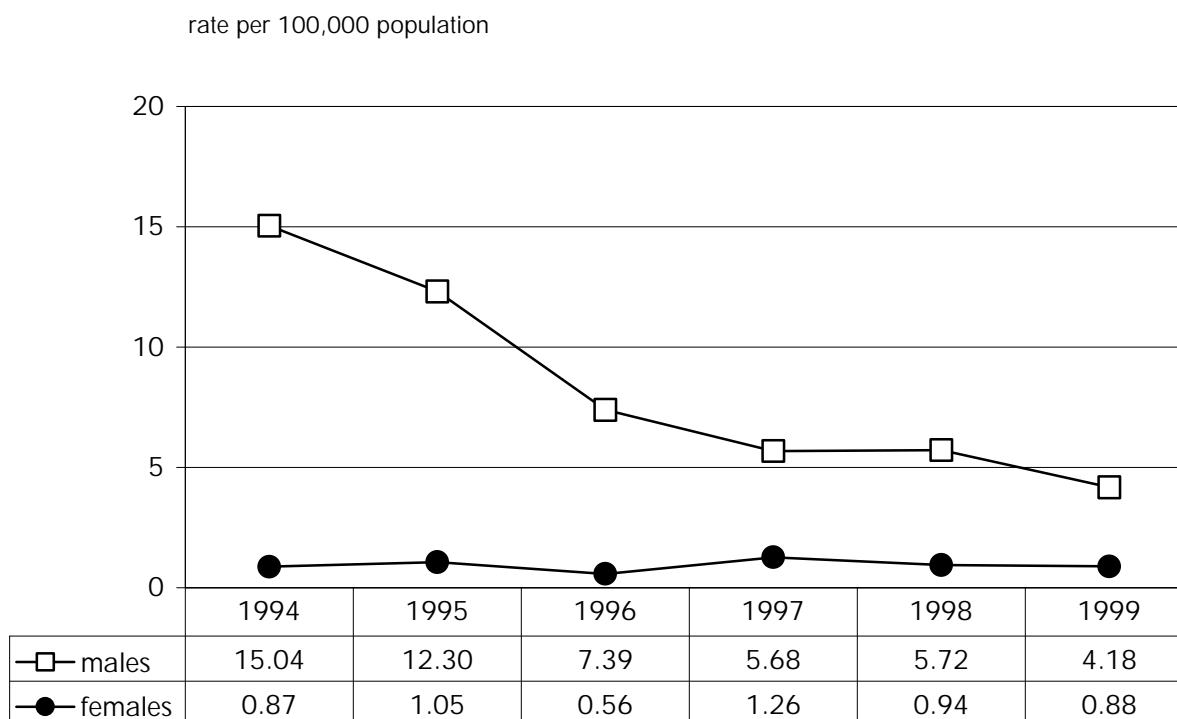
TOTAL column to the far right is cumulative from 1983 to year end 1999

Table 1.4
AIDS Case Reports by AGE and YEAR OF DIAGNOSIS - TOTAL, 1994 to 1999

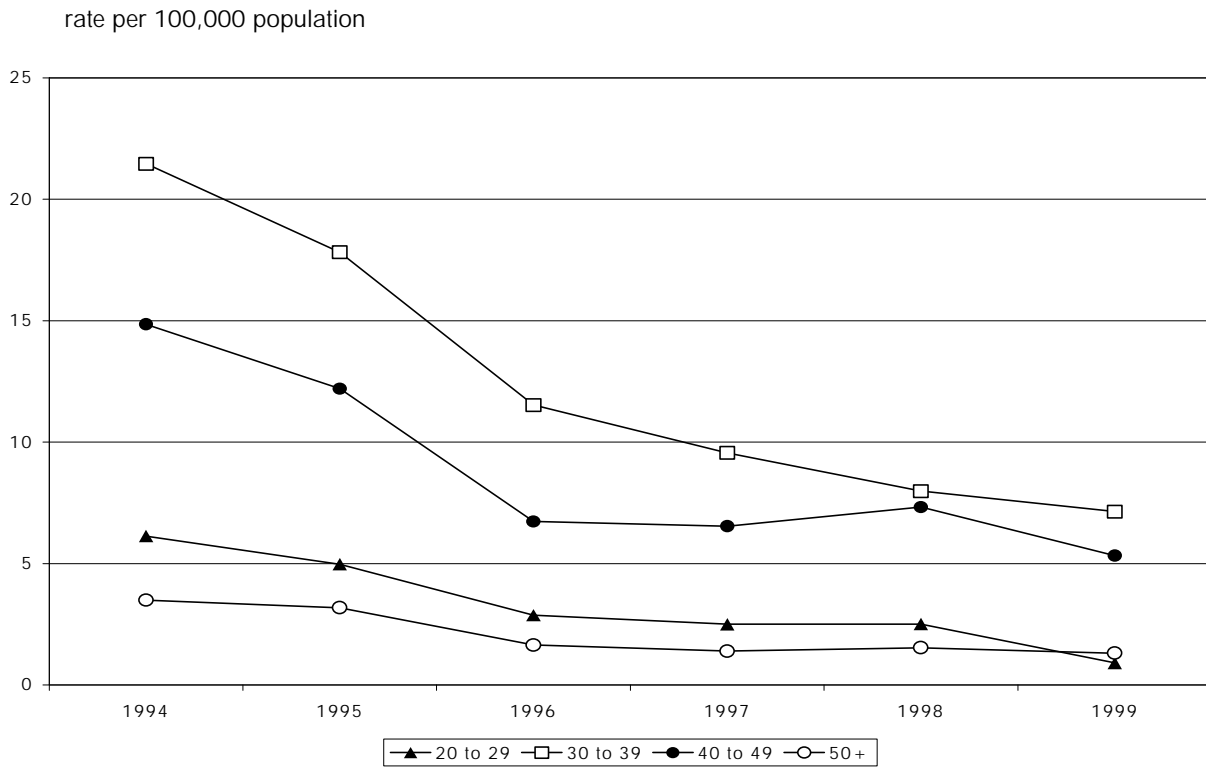
Age	AIDS	1994	1995	1996	1997	1998	1999	TOTAL
<15	cases	3	2	1	3	1		15
	rate	0.41	0.27	0.13	0.40	0.13		
15 to 19	cases		1	1				9
	rate		0.41	0.39				
20 to 29	cases	33	27	16	14	14	5	396
	rate	6.13	4.97	2.88	2.50	2.51	0.91	
30 to 39	cases	140	119	78	65	54	48	1,300
	rate	21.46	17.81	11.53	9.56	7.98	7.14	
40 to 49	cases	82	71	41	41	47	35	862
	rate	14.86	12.20	6.73	6.54	7.32	5.33	
50+	cases	34	32	17	15	17	15	298
	rate	3.49	3.18	1.64	1.40	1.53	1.31	
unknown	cases							-
total:	cases	292	252	154	138	133	103	2,880
	rate	7.93	6.66	3.97	3.49	3.32	2.55	

RATE is per 100,000 population.
 TOTAL column to the far right is cumulative from 1983 to year end 1999.
 2 Transgender AIDS case reports: 1997 and 1999.

Graph 1.2
AIDS Case Reports by GENDER and YEAR OF DIAGNOSIS, 1994 to 1999



Graph 1.3
AIDS Case Reports by AGE and YEAR OF DIAGNOSIS, 1994 to 1999



Graph 1.4
AIDS Case Reports by RISK CATEGORY AND YEAR OF DIAGNOSIS, 1983 to 1999

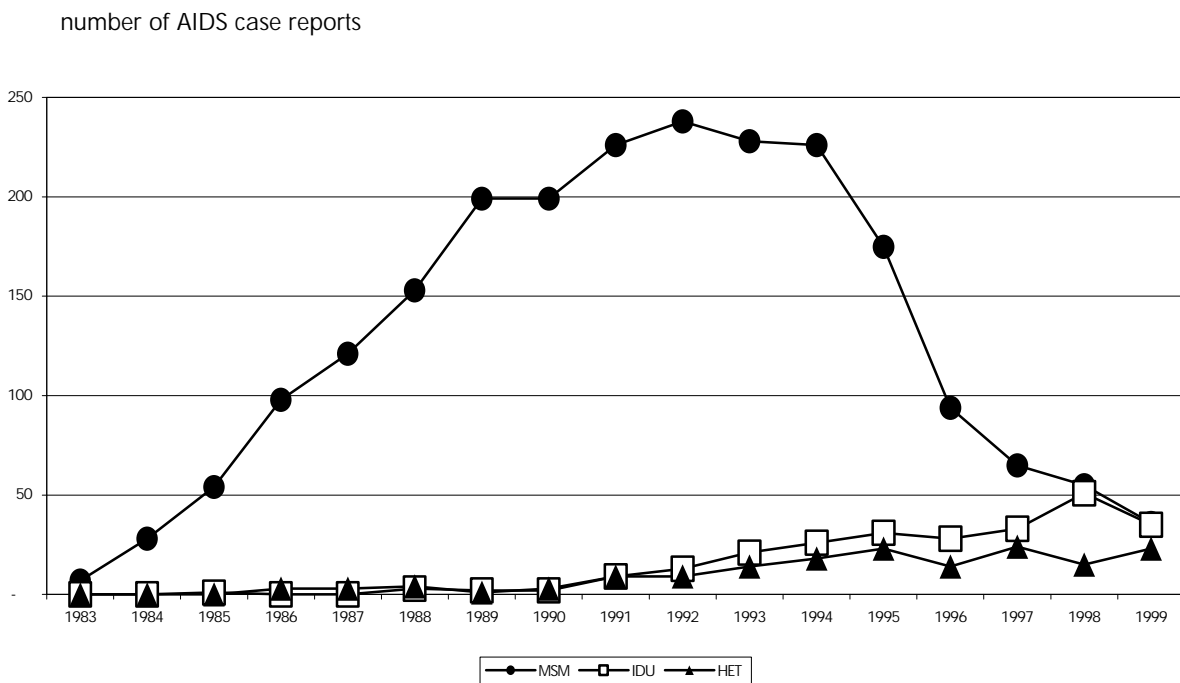


Table 1.5

AIDS Case Reports by RISK CATEGORY, GENDER, and YEAR OF DIAGNOSIS, 1994 to 1999

Risk Category	AIDS	1994	1995	1996	1997	1998	1999	TOTAL
MSM or WSW	males	226	175	94	65	55	36	2,202
	females							
	total	226	175	94	65	55	36	2,202
MSM/IDU or WSW/IDU	males	14	12	14	5	1	7	138
	females							
	total	14	12	14	5	1	7	138
IDU	males	18	21	22	21	36	27	179
	females	8	10	6	12	15	8	76
	total	26	31	28	33	51	35	255
heterosexual contact	males	11	13	9	15	13	14	99
	females	7	10	5	9	2	9	64
	total	18	23	14	24	15	23	163
hemophiliac	males		2	3	1			25
	females							2
	total		2	3	1			27
blood/BP recipient	males	1						11
	females					1		9
	total	1				1		20
perinatal	males	1	2	1	1	1		8
	females	1			1			5
	total	2	2	1	2	1		13
unknown	males	5	7		4	8		55
	females				3	1	1	5
	total	5	7		7	9	1	60
total:	males	276	232	143	112	114	84	2,717
	females	16	20	11	25	19	18	161
	total	292	252	154	138	133	103	2,880

TOTAL column to the far right is cumulative from 1983 to year end 1999.

2 Transgender AIDS case reports: 1997 and 1999.

MSM - men who have sex with men

WSW - women who have sex with women

IDU - injection drug user

blood/BP recipient - blood or blood product recipient

Table 1.6

AIDS Case Reports by ETHNICITY, GENDER and YEAR OF DIAGNOSIS, 1994 to 1999

Ethnicity	AIDS	1994	1995	1996	1997	1998	1999	TOTAL
Caucasian	males	228	187	115	89	78	62	2,166
	females	10	12	9	12	8	8	91
	total	238	199	124	101	86	70	2,257
First Nations	males	17	19	15	12	16	12	131
	females	2	2	2	9	10	6	37
	total	19	21	17	21	26	18	168
Asian	males	5	7	3	3	3	2	41
	females	1						3
	total	6	7	3	3	3	2	44
South Asian	males	4	3	1	1	3	3	24
	females	1	1				1	3
	total	5	4	1	1	3	4	27
Inuit	males	1						2
	females		1					1
	total	1	1					3
Metis	males		1		3	1		7
	females							
	total		1		3	1		7
Black	males	3	6	6	3	4	4	43
	females	1	2		3		3	13
	total	4	8	6	6	4	7	56
Hispanic	males	5	1	2		3	1	30
	females		1		1			3
	total	5	2	2	1	3	1	33
Arab/West Asian	males	1	1	1		1		4
	females							
	total	1	1	1		1		4
other	males	5	2			3		17
	females							1
	total	5	2			3		18
unknown	males	7	5		1	2		252
	females	1	1			1		9
	total	8	6		1	3		261
total:	males	276	232	143	112	114	84	2,717
	females	16	20	11	25	19	18	161
	total	292	252	154	138	133	103	2,880

TOTAL column to the far right is cumulative from 1983 to year end 1999.
 2 Transgender AIDS case reports: 1997 and 1999.

Table 1.7

AIDS Case Reports by HEALTH REGION* and YEAR OF DIAGNOSIS, 1994 to 1999

Health Region	AIDS	1994	1995	1996	1997	1998	1999	TOTAL
Burnaby	cases	4	6	2	5	2	4	65
	rate	2.24	3.28	1.07	2.65	1.06	2.09	
Capital	cases	24	26	23	6	7	10	231
	rate	7.40	7.90	6.93	1.79	2.09	2.98	
Cariboo	cases			1			1	7
	rate			1.36			1.31	
Central Fraser Valley	cases	1	5					24
	rate	0.49	2.38					
Central Vancouver Island	cases	2	4	2	6	5		46
	rate	0.90	1.75	0.86	2.51	2.06		
Coast Garibaldi	cases	3	2		1	1	1	18
	rate	4.39	2.83		1.31	1.28	1.25	
East Kootenay	cases		3	1				7
	rate		3.88	1.26				
Fraser Valley	cases	3	2	1	5	3		31
	rate	1.38	0.89	0.43	2.12	1.26		
Kootenay Boundary	cases			3	2			14
	rate			3.68	2.43			
North Okanagan	cases	1				3		9
	rate	0.92				2.54		
North Shore	cases	8	14	3	6	4	5	99
	rate	4.65	8.06	1.70	3.36	2.22	2.76	
North West	cases	2	1	2	1	1	1	11
	rate	2.29	1.13	2.22	1.09	1.09	1.10	

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1983 to year end 1999.

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 regions: Mission to Fraser Valley; Maple Ridge and Pitt Meadows to Simon Fraser; and Langley to South Fraser.

* HEALTH REGION - An AIDS case report, by year of diagnosis, is designated to the appropriate HEALTH REGION according to the patient's place of residence at the time of his/her diagnosis of AIDS (i.e. first disease indicative of AIDS).

Table 1.7 (continued)

AIDS Case Reports by HEALTH REGION* and YEAR OF DIAGNOSIS, 1994 to 1999

Health Region	AIDS	1994	1995	1996	1997	1998	1999	TOTAL
Northern Interior	cases		1	2	5	3	2	19
	rate		0.79	1.55	3.78	2.25	1.50	
Okanagan Similkameen	cases	4			3	1	4	32
	rate	1.90			1.33	0.43	1.73	
Peace Liard	cases	1						6
	rate	1.63						
Richmond	cases	4	5	1		2	2	37
	rate	2.78	3.35	0.65		1.23	1.21	
Simon Fraser	cases	4	5	3	6	1	5	59
	rate	1.42	1.72	0.99	1.94	0.32	1.55	
South Fraser	cases	11	12	1	9	4	8	94
	rate	2.17	2.28	0.18	1.62	0.71	1.39	
Thompson	cases		1	1	2	4	1	16
	rate		0.79	0.77	1.50	2.95	0.73	
Upper Island	cases	1		1	1	2		15
	rate	0.89		0.84	0.82	1.63		
Vancouver	cases	217	163	105	78	83	56	2,010
	rate	41.83	30.70	19.22	14.03	14.72	9.81	
unknown	cases	2	2	2	2	7	3	30
	rate							
total:	cases	292	252	154	138	133	103	2,880
	rate	7.93	6.66	3.97	3.49	3.32	2.55	

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1983 to year end 1999.

* HEALTH REGION - An AIDS case report, by year of diagnosis, is designated to the appropriate HEALTH REGION according to the patient's place of residence at the time of his/her diagnosis of AIDS (i.e. first disease indicative of AIDS).

Table 1.8

AIDS Case Reports by FIRST DISEASE INDICATIVE OF AIDS and YEAR OF DIAGNOSIS, 1983 to 1999

Year of Diagnosis	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	12	265
1992	48	103	103	7	11	15	287
1993	36	75	139	14	15	16	295
1994	41	70	131	11	15	24	292
1995	34	56	122	8	11	21	252
1996	21	40	73	8	7	5	154
1997	14	32	66	9	8	9	138
1998	12	41	62	4	11	3	133
1999	11	39	38	5	7	3	103
total:	471	930	1,113	125	103	138	2,880

Cases	KS	PCP	OI	OM	HIV WS	HIV ENC	TOTAL
alive	136	285	393	34	39	34	921
dead	335	645	720	91	64	104	1,959
total:	471	930	1,113	125	103	138	2,880

1999 figures are year end 1999.

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

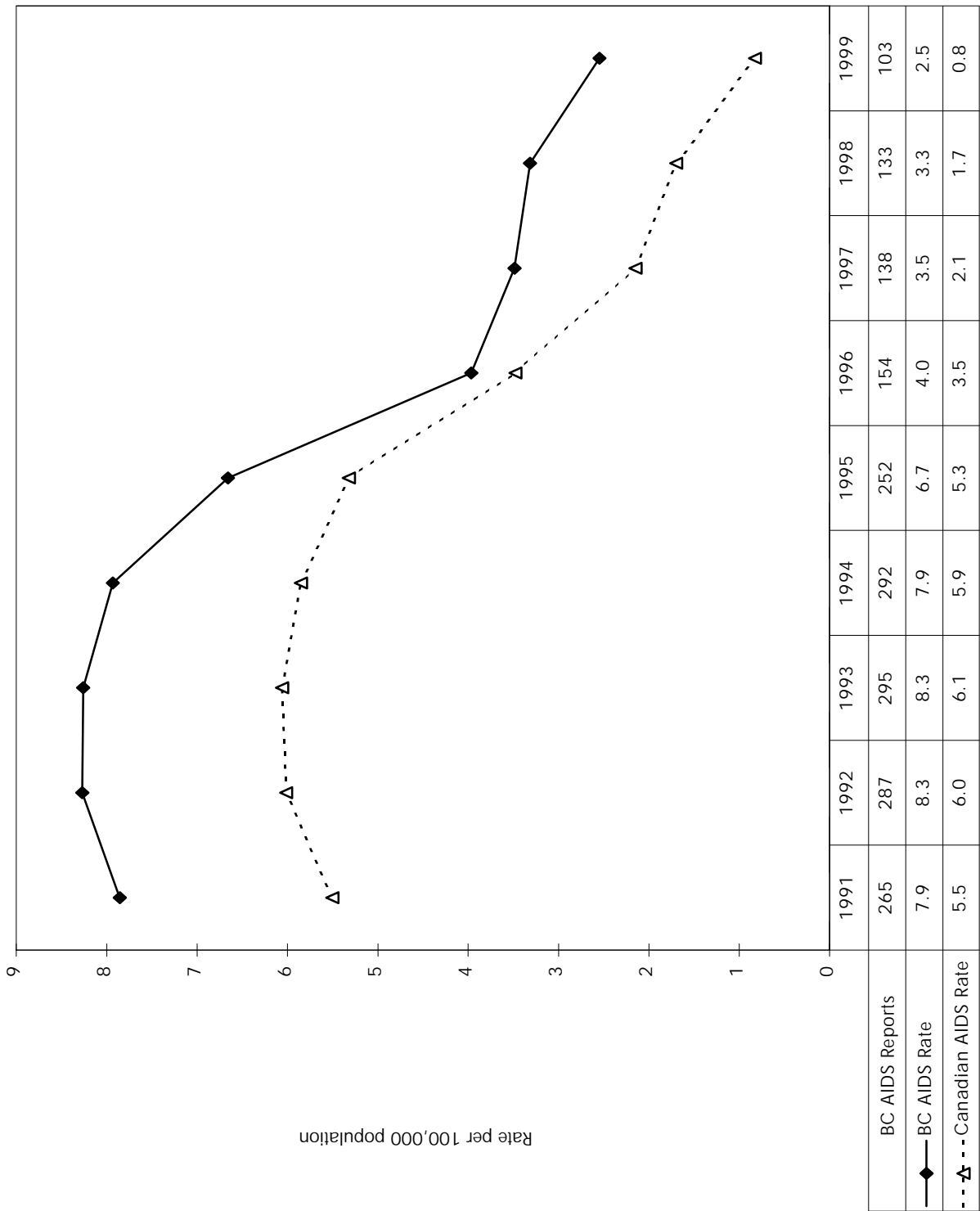
OI - other opportunistic infections

OM - other malignancies

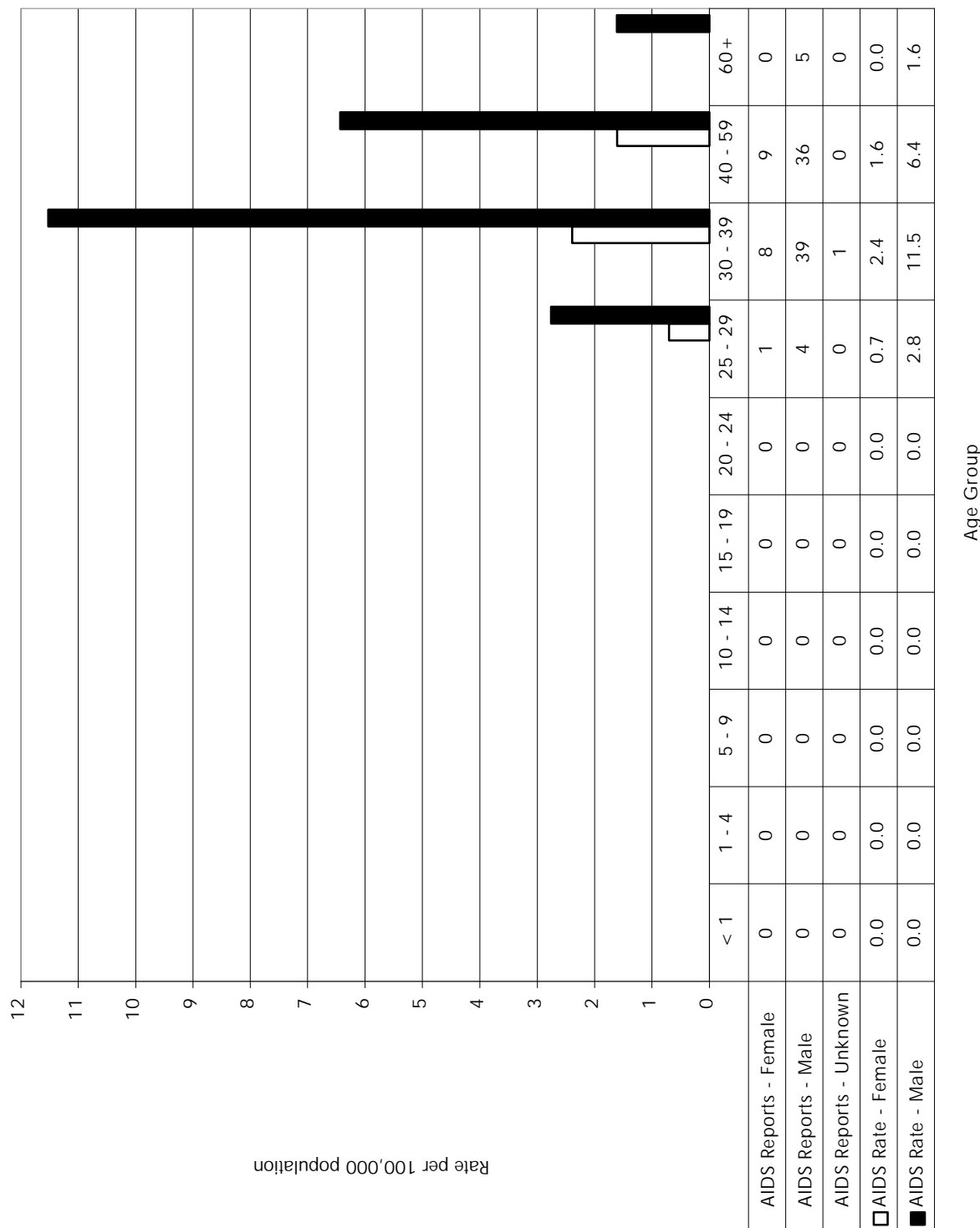
HIV WS - Wasting syndrome due to HIV

HIV ENC - Encephalopathy, HIV-related

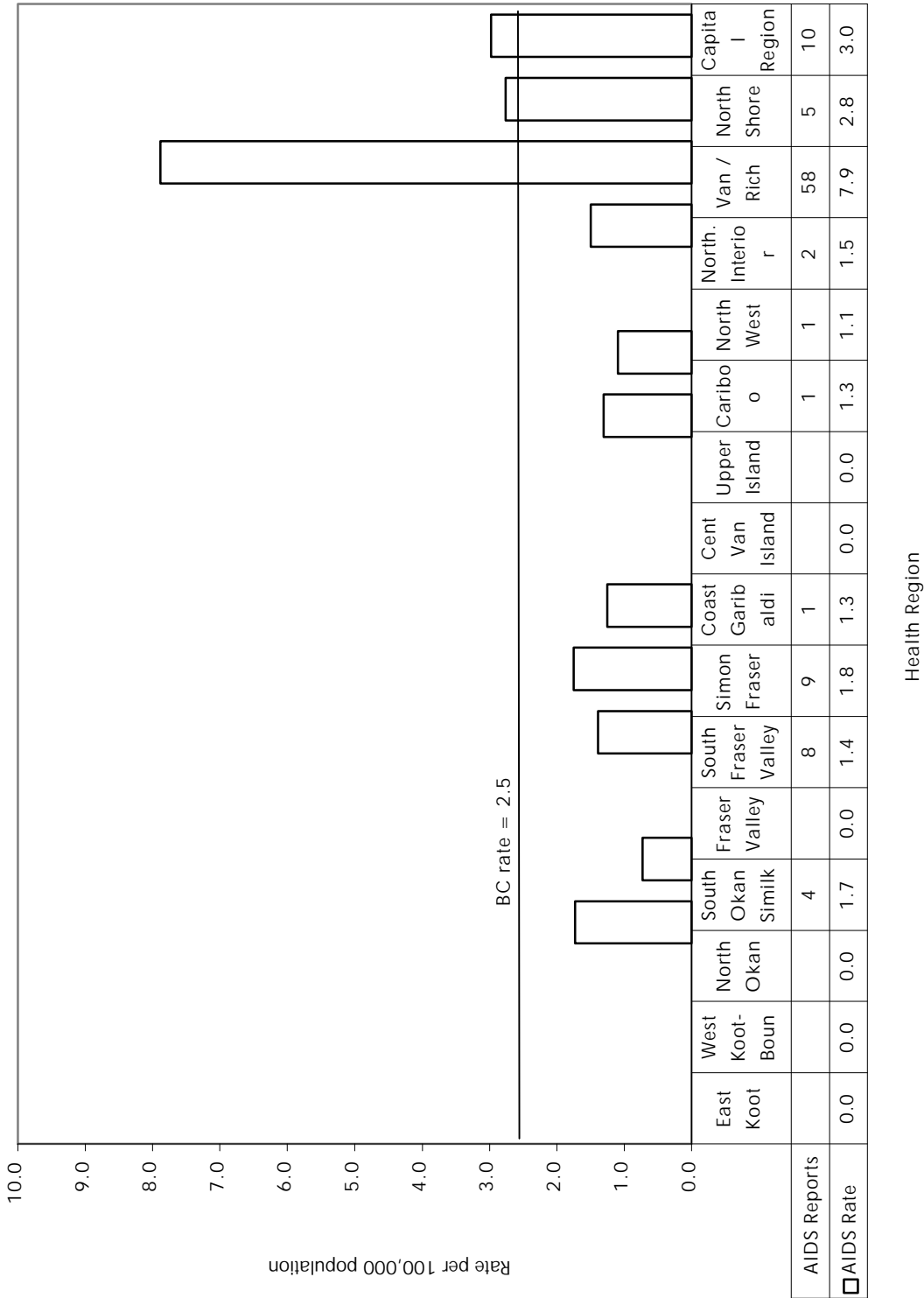
Graph 1.5
AIDS Case Reports by YEAR OF DIAGNOSIS for BC and Canada 1991-1999



Graph 1.6
AIDS Case Reports by AGE and GENDER for BC 1999



Graph 1.7
AIDS Case Reports by HEALTH REGION for BC 1999



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 and reporting. Rather than opting to modify a system of non-nominal HIV testing which has been accepted by physicians and community groups in British Columbia, the division of STD/AIDS Control sought to improve HIV surveillance by enhancing and 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 Provincial Laboratory to a surveillance database.
- A computerized algorithm to identify duplicate HIV testing reports.
- A nurse/epidemiologist to perform follow-up on all positive HIV test reports with the submitting 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 *Reports* (pre-1997), 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 and 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.

Acknowledgements:

HIVSS team:	David M. Patrick, MD, FRCPC, MHSc	Daphne Spencer, RN
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	Mel Kraiden, MD, FRCP(C)	Lisa Elliott, RN
	Robbie MacDougall	

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Staff from the University of British Columbia (UBC) Virology and Reference Laboratory for providing their HIV data.

Table 2.1
Persons Testing Newly Positive for HIV by YEAR, 1985 to 1999

Year	Persons	Rate	Tests
1985	220		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	12.02	137,701
1999	427	10.55	135,284
TOTAL:	9,848		1,156,969

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, 1986 to 1999

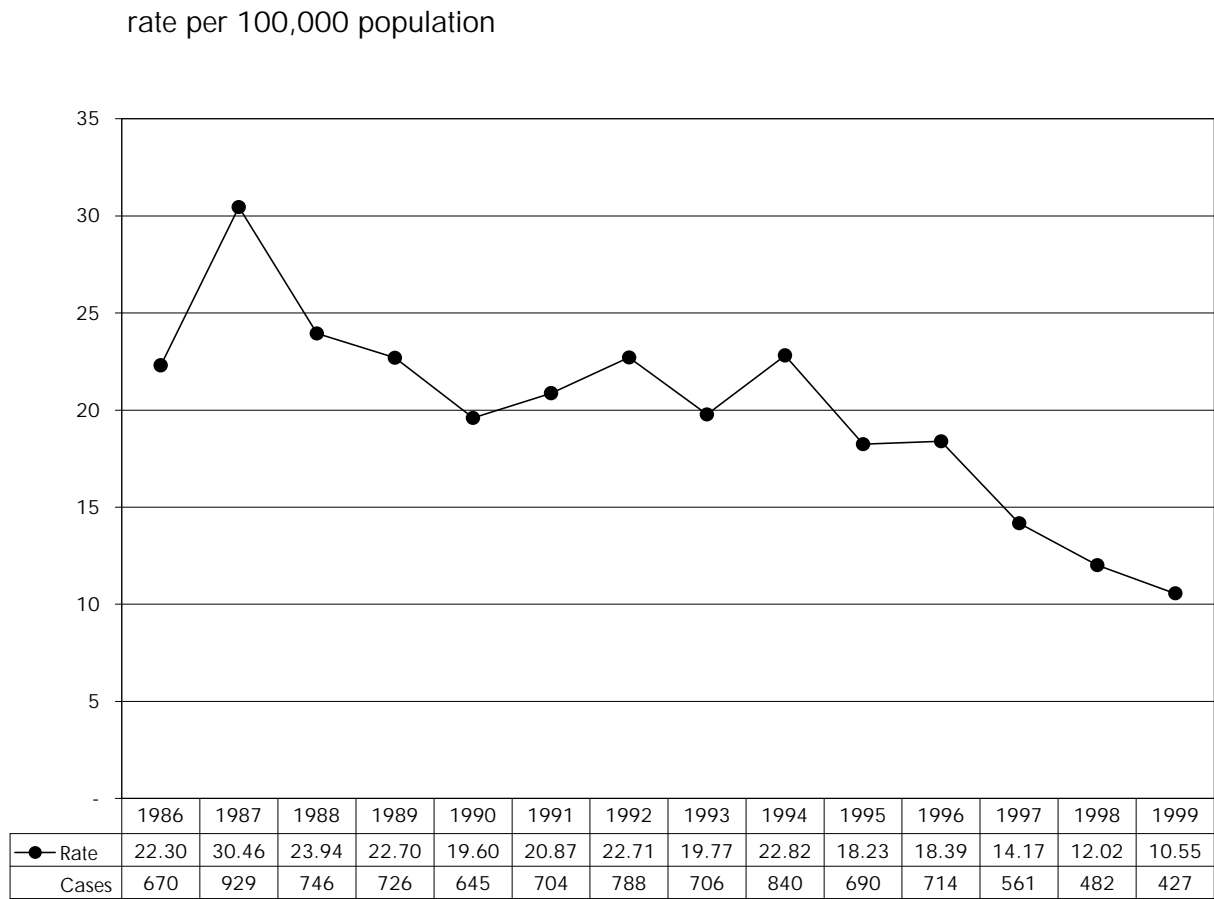


Table 2.2

Persons Testing Newly Positive for HIV by AGE and YEAR - MALES, 1994 to 1999

Age	HIV	1994	1995	1996	1997	1998	1999	TOTAL
< 18 mos	persons	3	2	1	2	1		15
	rate	4.10	2.73	1.35	2.70	1.37		
19 mos to 14 yrs	persons	2	3	1	1	2	1	26
	rate	0.66	0.98	0.32	0.32	0.63	0.32	
< 15 yrs	tests	406	1,021	394	682	544	489	5,462
15 to 19	persons	3	1	6	2	3	3	70
	rate	2.48	0.80	4.58	1.49	2.20	2.18	
	tests	1,597	1,952	2,155	2,803	2,750	2,816	20,083
20 to 29	persons	137	125	98	88	57	52	2,149
	rate	49.94	45.05	34.63	30.96	20.17	18.61	
	tests	12,260	13,831	16,163	16,215	16,213	15,782	146,869
30 to 39	persons	302	227	255	199	163	139	3,453
	rate	92.08	67.41	74.70	58.00	47.82	41.05	
	tests	12,486	13,738	15,447	15,431	15,146	14,866	143,824
40 to 49	persons	133	126	128	107	103	75	1,691
	rate	47.89	43.15	41.92	34.10	32.08	22.86	
	tests	7,143	8,056	9,141	9,549	9,772	9,814	83,318
50+	persons	41	40	54	47	46	44	636
	rate	8.93	8.45	11.08	9.28	8.78	8.12	
	tests	4,650	5,736	5,623	6,156	6,180	6,569	54,695
unknown	persons	16	6		2	2	1	256
	tests	1,061	929	1,055	949	785	365	13,783
total:	persons	637	530	543	448	377	315	8,296
	rate	34.72	28.11	28.08	22.73	18.90	15.66	
	tests	39,603	45,263	49,978	51,785	51,390	50,701	468,034

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 end 1999.

Table 2.3

Persons Testing Newly Positive for HIV by AGE and YEAR - FEMALES, 1994 to 1999

Age	HIV	1994	1995	1996	1997	1998	1999	TOTAL
< 18 mos	persons	2				1		7
	rate	2.88				1.46		
19 mos to 14 yrs	persons	1	1	1				5
	rate	0.35	0.34	0.34				
< 15 yrs	tests	486	945	581	956	846	835	6,553
	persons	4	3	5	1	1	3	43
15 to 19	rate	3.54	2.56	4.07	0.79	0.78	2.32	
	tests	4,611	6,022	7,031	8,271	8,138	7,802	54,493
20 to 29	persons	38	64	53	29	37	35	405
	rate	14.41	24.06	19.38	10.52	13.45	12.83	
	tests	21,171	28,988	32,991	33,240	33,187	32,694	249,396
	persons	59	69	74	54	35	37	473
30 to 39	rate	18.19	20.83	22.07	16.03	10.42	11.07	
	tests	17,716	24,193	26,977	26,462	26,425	26,951	204,492
40 to 49	persons	23	15	31	13	19	26	171
	rate	8.39	5.17	10.20	4.15	5.92	7.91	
	tests	6,134	7,952	8,595	9,022	8,779	8,797	70,686
	persons	4	2	3	5	3	10	45
50+	rate	0.78	0.38	0.55	0.88	0.51	1.66	
	tests	3,060	4,500	3,821	4,525	4,191	4,234	35,721
unknown	persons	9	2		1			35
	tests	1,483	1,458	1,672	1,404	1,230	525	16,197
total:	persons	140	156	167	103	96	111	1,184
	rate	7.58	8.22	8.57	5.18	4.76	5.46	
	tests	54,661	74,058	81,668	83,880	82,796	81,838	637,538

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 year end 1999.

Table 2.4
Persons Testing Newly Positive for HIV by AGE and YEAR - GENDER UNKNOWN, 1994 to 1999

Age	HIV	1994	1995	1996	1997	1998	1999	TOTAL
< 18 mos	persons							
19 mos to 14 yrs	persons	1			1			2
< 15 yrs	tests	85	185	41	43	32	24	520
15 to 19	persons	2						7
	tests	638	682	394	233	225	197	3,024
20 to 29	persons	18			1	1		69
	tests	3,897	4,135	2,089	1,166	927	681	16,765
30 to 39	persons	25		2	6	2		109
	tests	2,950	3,289	1,763	1,007	747	491	13,506
40 to 49	persons	10		1	1	2		60
	tests	1,127	1,289	700	462	313	225	5,680
50+	persons	4		1		1		21
	tests	701	1,033	494	319	215	167	3,938
unknown	persons	3	4		1	3	1	100
	tests	456	404	1,123	1,383	1,056	960	7,964
total:	persons	63	4	4	10	9	1	368
	tests	9,854	11,017	6,604	4,613	3,515	2,745	51,397

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 end 1999.

Graph 2.2
Persons Testing Newly Positive for HIV by GENDER and YEAR, 1994 to 1999

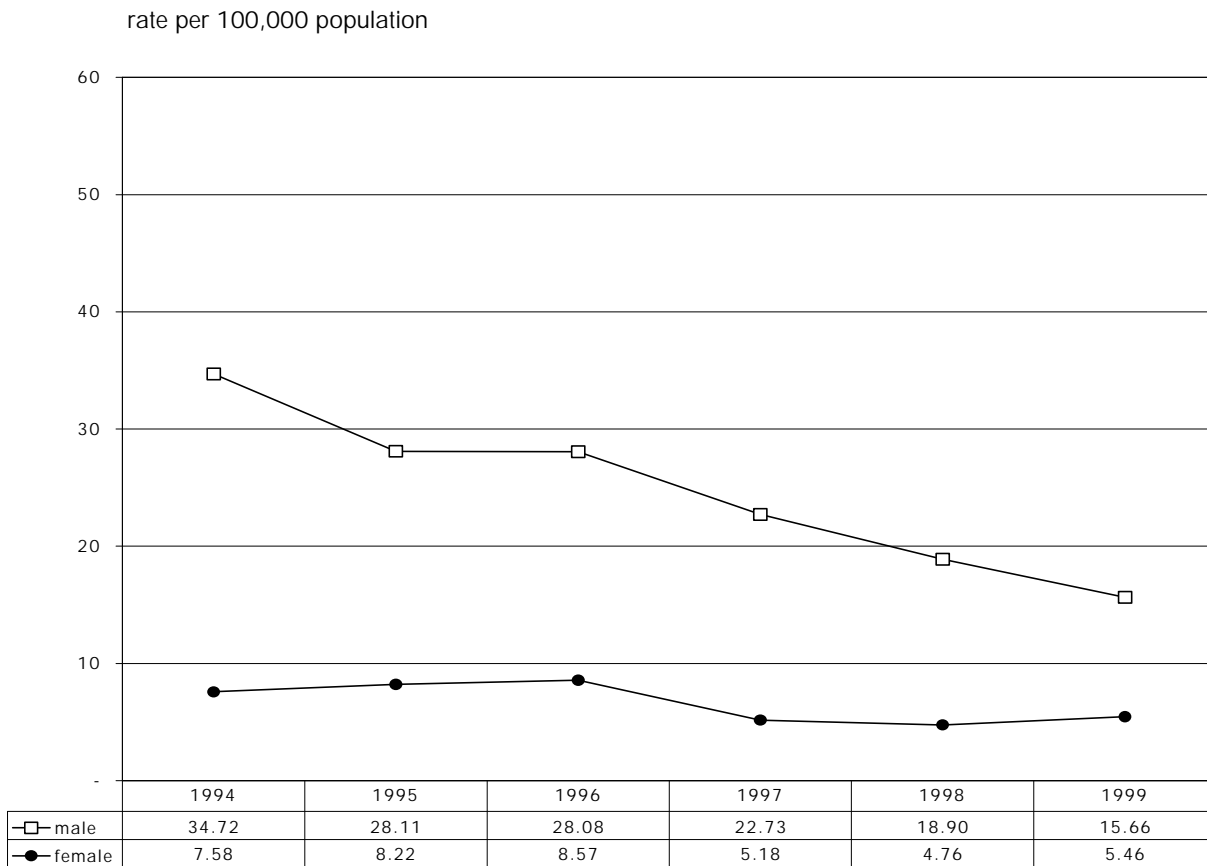


Table 2.5

Persons Testing Newly Positive for HIV by AGE and YEAR - TOTAL, 1994 to 1999

Age	HIV	1994	1995	1996	1997	1998	1999	TOTAL
<15 yrs	persons	9	6	3	4	4	1	55
	rate	1.23	0.81	0.40	0.53	0.53	0.13	
	tests	977	2,151	1,016	1,681	1,422	1,348	12,535
15 to 19	persons	9	4	11	3	4	6	120
	rate	3.85	1.65	4.33	1.15	1.51	2.25	
	tests	6,846	8,656	9,580	11,307	11,113	10,815	77,600
20 to 29	persons	193	189	151	118	95	87	2,623
	rate	35.87	34.77	27.13	21.08	17.04	15.76	
	tests	37,328	46,954	51,243	50,621	50,327	49,157	413,030
30 to 39	persons	386	296	331	259	200	176	4,035
	rate	59.17	44.31	48.91	38.08	29.55	26.16	
	tests	33,152	41,220	44,187	42,900	42,318	42,308	361,822
40 to 49	persons	166	141	160	121	124	101	1,922
	rate	30.07	24.23	26.27	19.31	19.31	15.38	
	tests	14,404	17,297	18,436	19,033	18,864	18,836	159,684
50+	persons	49	42	58	52	50	54	702
	rate	5.03	4.18	5.61	4.84	4.50	4.71	
	tests	8,411	11,269	9,938	11,000	10,586	10,970	94,354
unknown	persons	28	12		4	5	2	391
	tests	3,000	2,791	3,850	3,736	3,071	1,850	37,944
total:	persons	840	690	714	561	482	427	9,848
	rate	22.82	18.23	18.39	14.17	12.02	10.55	
	tests	104,118	130,338	138,250	140,278	137,701	135,284	1,156,969

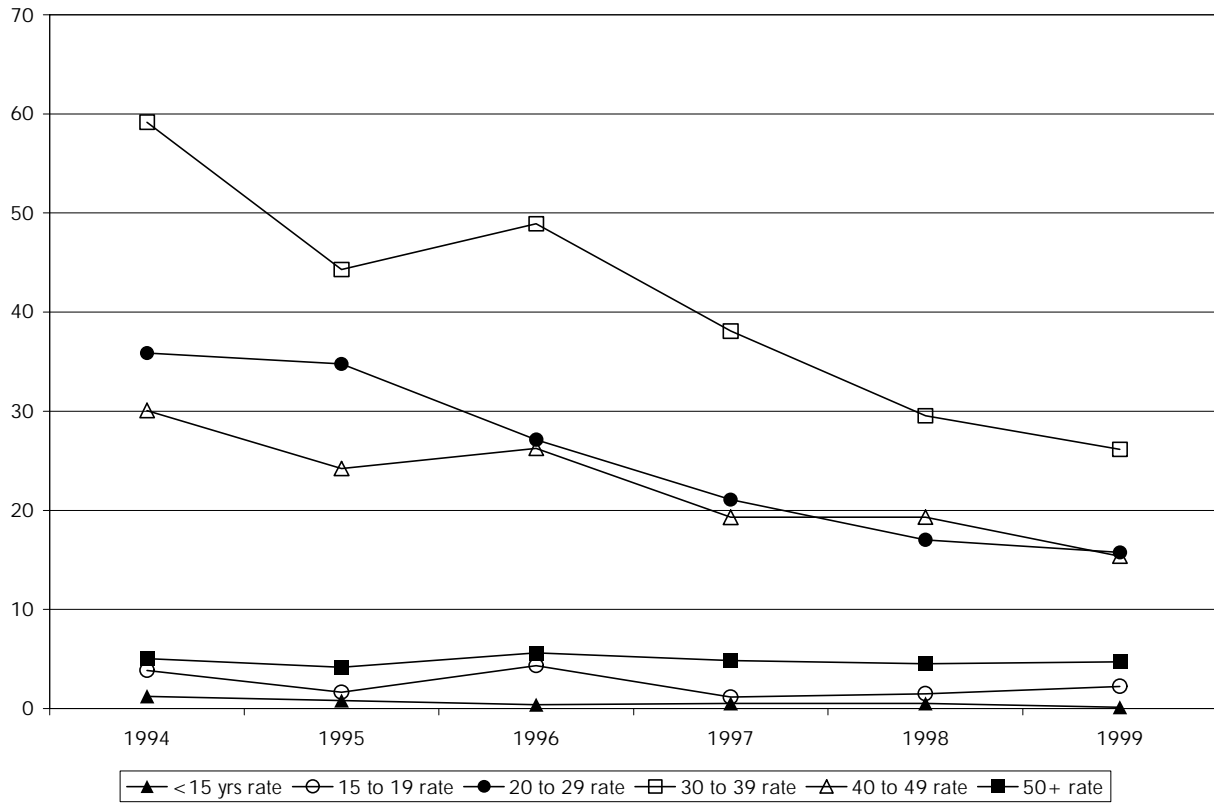
TESTS is the number of HIV tests performed, positive and negative, at the Provincial Laboratory.

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1985 to year end 1999.

Graph 2.3
Persons Testing Newly Positive for HIV by AGE and YEAR, 1994 to 1999

rate per 100,000 population



Graph 2.4

Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR, 1987 to 1999

number of persons testing newly positive for HIV

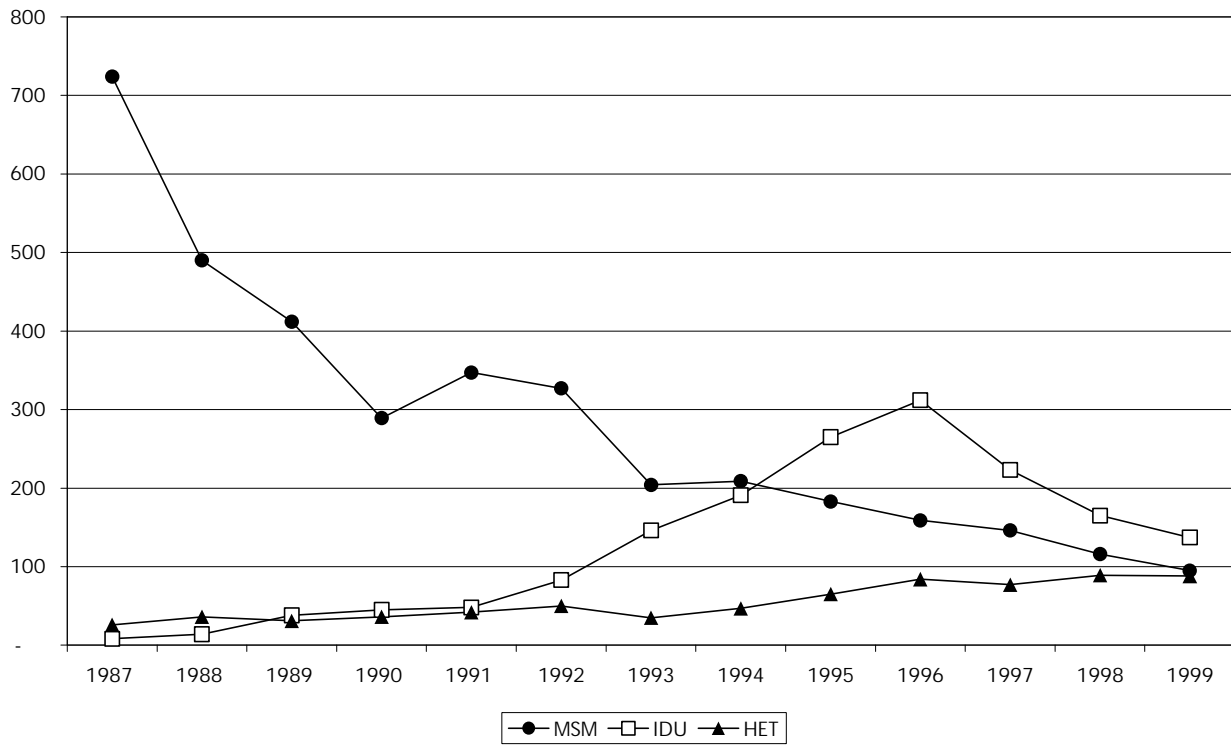


Table 2.6

Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR - MALES, 1994 to 1999

Risk Category	HIV	1994	1995	1996	1997	1998	1999	TOTAL
MSM	persons	209	183	159	146	116	95	4,456
	tests	3,820	4,074	4,068	3,871	3,536	3,192	50,432
MSM/IDU	persons	12	24	26	14	6	10	181
	tests	154	174	145	74	42	14	1,403
IDU	persons	149	196	240	168	125	93	1,262
	tests	3,238	3,706	3,896	2,335	2,303	1,732	30,146
heterosexual contact	persons	30	44	45	51	50	57	455
	tests	7,017	10,419	13,878	14,017	13,463	12,975	104,546
sex trade worker	persons	1	2	3	4		3	23
	tests	102	149	124	85	64	56	1,356
sex trade worker/IDU	persons	3	5	7	1	6	1	37
	tests	38	31	27	8	7	7	324
hemophiliac	persons							63
	tests	46	62	40	66	67	64	788
blood/BP recipient (1)	persons	3	5	3	1	2	2	53
	tests	1,286	2,462	728	1,125	451	231	11,541
unspecified PE (2)	persons		2					24
	tests	294	394	241	26	71	110	4,196
visa/employ /insurance	persons							10
	tests	154	328	283	347	283	252	2,688
occupational EXP (3)	persons		1			1		2
	tests	244	232	566	1,245	537	384	4,475
unknown	persons	224	61	56	60	60	39	1,667
	tests	22,939	22,797	25,617	28,332	30,387	31,499	251,262
other (4)	persons	3	2	2		8	14	40
	tests	268	421	350	219	161	167	4,738
perinatal < 18 mos (5)	persons	3	2	1	2	1		15
	tests							
delayed testing (6)	persons		3	1	1	2	1	8
	tests	3	14	15	35	18	18	139
total:	persons	637	530	543	448	377	315	8,296
	tests	39,603	45,263	49,978	51,785	51,390	50,701	468,034

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 end 1999.

MSM - men who have sex with men

IDU - injection drug user

visa/employ/insurance - visa/employment/insurance

unspecified PE - unspecified parenteral exposure

blood/BP Recipient - blood or blood product recipient

occupational EXP - occupational exposure

(1), (2), (3), (4), (5), and (6) - refer to FOOTNOTES on page 42

Table 2.7

Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR - FEMALES, 1994 to 1999

Risk Category	HIV	1994	1995	1996	1997	1998	1999	TOTAL
WSW	persons	1			2		1	15
	tests	361	472	515	408	370	327	3,751
WSW/IDU	persons	1	4	1	1	1		9
	tests	37	85	64	34	20	8	382
IDU	persons	35	69	70	49	37	43	383
	tests	1,296	1,502	1,600	1,004	841	708	13,120
heterosexual contact	persons	16	21	39	25	37	31	257
	tests	9,145	29,192	39,054	39,493	38,818	37,666	234,412
sex trade worker	persons	1		1		1	2	11
	tests	159	181	187	96	142	135	2,072
sex trade worker/IDU	persons	21	38	41	14	12	12	173
	tests	310	305	274	125	59	51	2,616
hemophiliac	persons							1
	tests	3	12	8	17	8	3	97
blood/BP recipient (1)	persons	2	2			1	1	36
	tests	2,077	4,314	1,233	1,753	635	321	19,018
unspecified PE (2)	persons		3					13
	tests	688	926	406	17	127	248	5,686
visa/employ/insurance	persons							-
	tests	109	230	214	228	228	198	2,066
occupational EXP (3)	persons							-
	tests	791	677	1,529	2,904	1,290	980	11,690
unknown	persons	60	18	13	12	6	14	265
	tests	39,325	35,695	36,219	37,485	40,018	40,928	337,960
other (4)	persons	1		1			7	12
	tests	357	448	344	287	217	247	4,526
perinatal < 18 mos (5)	persons	2				1		7
delayed testing (6)	persons		1	1				2
	tests	3	19	21	29	23	18	142
total:	persons	140	156	167	103	96	111	1,184
	tests	54,661	74,058	81,668	83,880	82,796	81,838	637,538

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 end 1999.

WSW - women who have sex with women

IDU - injection drug user

visa/employ/insurance - visa/employment/insurance

unspecified PE - unspecified parenteral exposure

blood/BP Recipient - blood or blood product recipient

occupational EXP - occupational exposure

(1), (2), (3), (4), (5), and (6) - refer to FOOTNOTES on page 42

Table 2.8
**Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR-GENDER
 UNKNOWN, 1994 to 1999**

Risk Category	HIV	1994	1995	1996	1997	1998	1999	TOTAL
MSM or WSW	persons	14			1	1		99
	tests	112	111	100	80	66	44	1,112
MSM/IDU or WSW/IDU	persons		2					4
	tests	5	13	9	1	2	2	51
IDU	persons	7		2	6	3	1	32
	tests	178	181	167	82	58	34	1,263
heterosexual contact	persons	1			1	2		18
	tests	606	2,333	2,042	1,518	1,316	964	11,007
sex trade worker	persons	1						1
	tests	12	16	4	5	5	-	108
sex trade worker/IDU	persons	1						3
	tests	9	6	6	2		1	68
hemophiliac	persons							3
	tests	3	4		1	3	-	22
blood/BP recipient (1)	persons							2
	tests	209	625	88	120	36	17	1,648
unspecified PE (2)	persons							2
	tests	72	83	39	3	9	10	422
visa/employ /insurance	persons							-
	tests	15	26	19	16	16	10	142
occupational EXP (3)	persons							-
	tests	44	32	133	177	63	50	675
unknown	persons	39	2	2	2	3		203
	tests	8,558	7,553	3,946	2,577	1,916	1,584	34,490
other (4)	persons							1
	tests	30	30	44	27	25	28	367
perinatal < 18 mos (5)	persons							-
delayed testing (6)	persons							-
	tests	1	4	7	4		1	22
total:	persons	63	4	4	10	9	1	368
	tests	9,854	11,017	6,604	4,613	3,515	2,745	51,397

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 end 1999.

WSW - women who have sex with women

MSM - men who have sex with men

IDU - injection drug user

visa/employ/insurance - visa/employment/insurance

unspecified PE - unspecified parenteral exposure

blood/BP Recipient - blood or blood product recipient

occupational EXP - occupational exposure

(1), (2), (3), (4), (5), and (6) - refer to FOOTNOTES on page 42

Table 2.9

Persons Testing Newly Positive for HIV by RISK CATEGORY AND YEAR - TOTAL, 1994 to 1999

Risk Category	HIV	1994	1995	1996	1997	1998	1999	TOTAL
MSM or WSW	persons	224	183	159	149	117	96	4,570
	tests	4,293	4,657	4,683	4,359	3,972	3,563	55,295
MSM/IDU or WSW/IDU	persons	13	30	27	15	7	10	194
	tests	196	272	218	109	64	24	1,836
IDU	persons	191	265	312	223	165	137	1,677
	tests	4,712	5,389	5,663	3,421	3,202	2,474	44,529
heterosexual contact	persons	47	65	84	77	89	88	730
	tests	16,768	41,944	54,974	55,028	53,597	51,605	349,965
sex trade worker	persons	3	2	4	4	1	5	35
	tests	273	346	315	186	211	191	3,536
sex trade worker/IDU	persons	25	43	48	15	18	13	213
	tests	357	342	307	135	66	59	3,008
hemophiliac	persons							67
	tests	52	78	48	84	78	67	907
blood/BP recipient (1)	persons	5	7	3	1	3	3	91
	tests	3,572	7,401	2,049	2,998	1,122	569	32,207
unspecified PE (2)	persons		5					39
	tests	1,054	1,403	686	46	207	368	10,304
visa/employ /insurance	persons							10
	tests	278	584	516	591	527	460	4,896
occupational EXP (3)	persons		1			1		2
	tests	1,079	941	2,228	4,326	1,890	1,414	16,840
unknown	persons	323	81	71	74	69	54	2,136
	tests	70,822	66,045	65,782	68,394	72,321	74,011	623,712
other (4)	persons	4	2	3		8	21	53
	tests	655	899	738	533	403	442	9,631
perinatal < 18 mos (5)	persons	5	2	1	2	2		22
	tests							
delayed testing (6)	persons		4	2	1	2	1	10
	tests	7	37	43	68	41	37	303
total:	persons	840	690	714	561	482	427	9,848
	tests	104,118	130,338	138,250	140,278	137,701	135,284	1,156,969

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 end 1999.

WSW - women who have sex with women

MSM - men who have sex with men

IDU - injection drug user

visa/employ/insurance - visa/employment/insurance

unspecified PE - unspecified parenteral exposure

blood/BP Recipient - blood or blood product recipient

occupational EXP - occupational exposure

(1), (2), (3), (4), (5), and (6) - refer to FOOTNOTES on page 42

Table 2.10

Persons Testing Newly Positive for HIV by ETHNICITY and YEAR - MALES, 1995 to 1999

Ethnicity	HIV	1995	1996	1997	1998	1999	TOTAL
Caucasian	persons	312	334	286	228	205	1,365
	tests	11,221	19,480	22,083	22,755	21,729	97,268
First Nations	persons	52	66	54	35	33	240
	tests	1,016	1,505	1,791	1,948	1,880	8,140
Asian	persons	12	18	16	12	12	70
	tests	477	909	1,364	1,858	2,353	6,961
South Asian	persons	11	11	4	14	8	48
	tests	213	244	323	203	193	1,176
Inuit	persons			1		1	2
	tests	7	3	7	14	8	39
Metis	persons	4	1		4	3	12
	tests	45	75	90	147	159	516
Black	persons	9	10	9	15	11	54
	tests	163	304	345	335	323	1,470
Hispanic	persons	18	14	12	13	11	68
	tests	157	259	359	362	385	1,522
unknown	persons	112	89	66	56	31	354
	tests	31,964	27,199	25,423	23,768	23,671	132,025
total:	persons	530	543	448	377	315	2,213
	tests	45,263	49,978	51,785	51,390	50,701	249,117

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

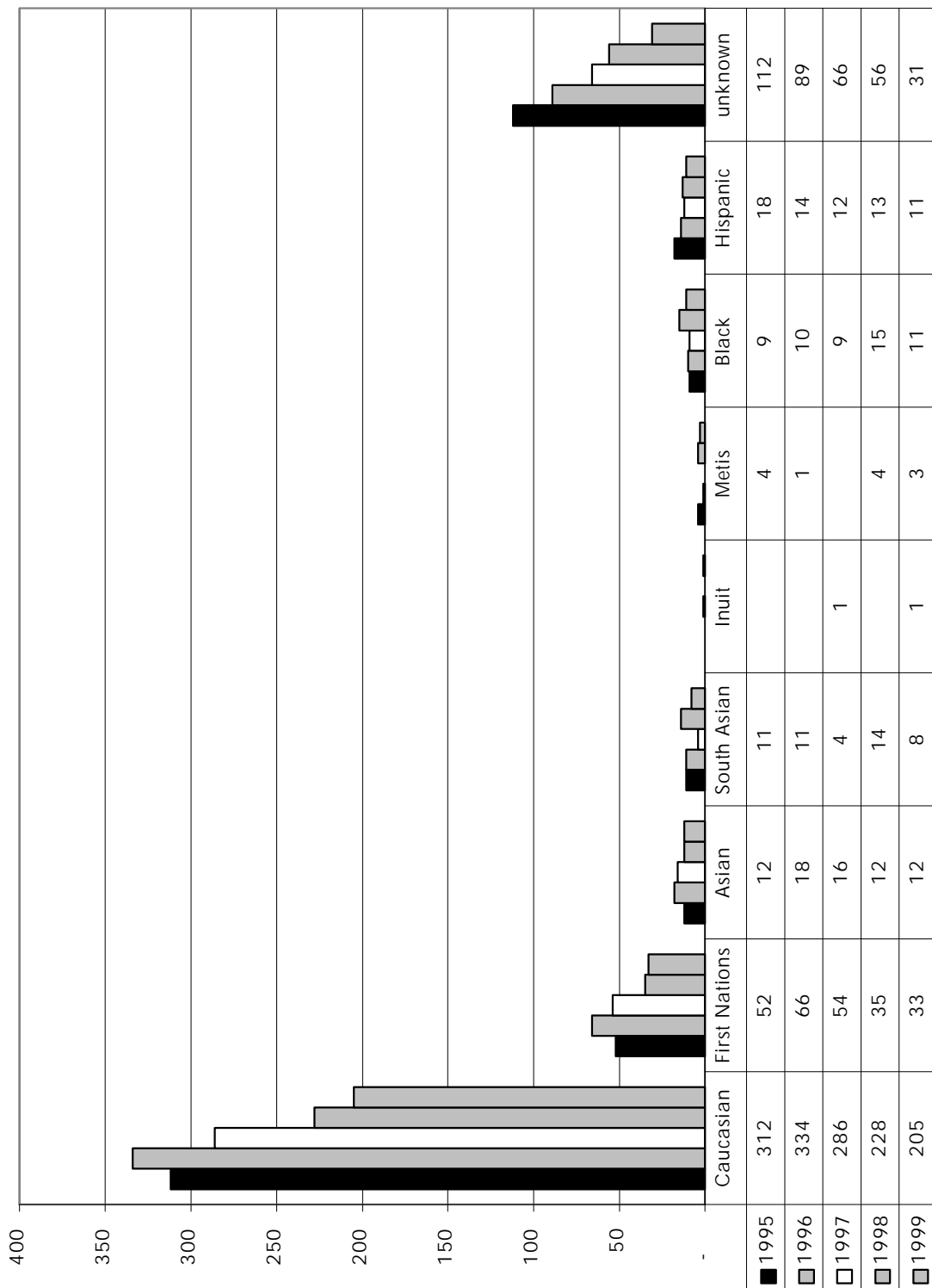
Table 2.11

Persons Testing Newly Positive for HIV by ETHNICITY and YEAR - FEMALES, 1995 to 1999

Ethnicity	HIV	1995	1996	1997	1998	1999	TOTAL
Caucasian	persons	75	78	50	42	48	293
	tests	13,891	25,274	28,686	29,167	28,387	125,405
First Nations	persons	33	54	28	30	40	185
	tests	1,595	2,765	3,043	3,253	3,338	13,994
Asian	persons	1	1	1	1	1	5
	tests	1,029	2,095	3,400	4,706	5,686	16,916
South Asian	persons	5		3	5	2	15
	tests	338	398	467	335	351	1,889
Inuit	persons						-
	tests	11	13	11	18	12	65
Metis	persons	1	1	3		2	7
	tests	60	107	105	162	184	618
Black	persons	5	7	3	6	8	29
	tests	106	205	243	277	258	1,089
Hispanic	persons	1	3	1	1	1	7
	tests	95	173	218	205	239	930
unknown	persons	35	23	14	11	9	92
	tests	56,933	50,638	47,707	44,673	43,383	243,334
total:	persons	156	167	103	96	111	633
	tests	74,058	81,668	83,880	82,796	81,838	404,240

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

Graph 2.5
Persons Testing Newly Positive for HIV by ETHNICITY and YEAR - MALES, 1995 to 1999



Graph 2.6
Persons Testing Newly Positive for HIV by ETHNICITY and YEAR - FEMALES, 1995 to 1999

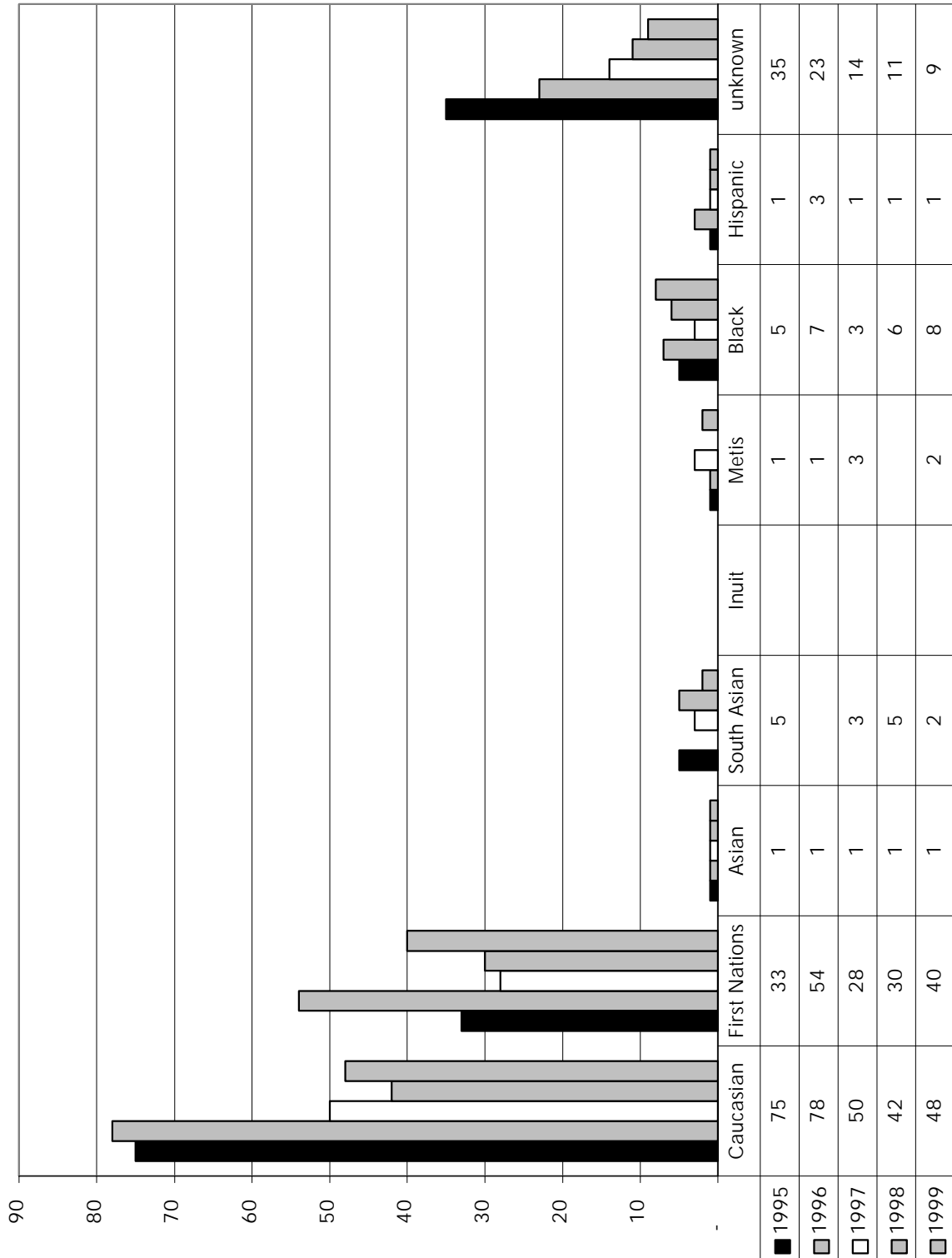


Table 2.12
**Persons Testing Newly Positive for HIV by ETHNICITY and YEAR - GENDER UNKNOWN,
 1995 to 1999**

Ethnicity	HIV	1995	1996	1997	1998	1999	TOTAL
Caucasian	persons	1	1	4	3		9
	tests	1,216	1,145	956	949	662	4,928
First Nations	persons	1	1	1	2	1	6
	tests	67	91	78	67	76	379
Asian	persons						-
	tests	81	60	63	92	56	352
South Asian	persons			1			1
	tests	86	18	21	16	8	149
Inuit	persons						-
	tests					-	-
Metis	persons						-
	tests	1		3	7	4	15
Black	persons				1		1
	tests	13	14	16	16	11	70
Hispanic	persons			1			1
	tests	4	5	8	9	3	29
unknown	persons	2	2	3	3		10
	tests	9,549	5,271	3,468	2,359	1,925	22,572
total:	persons	4	4	10	9	1	28
	tests	11,017	6,604	4,613	3,515	2,745	28,494

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 ETHNICITY and YEAR - TOTAL, 1995 to 1999

Ethnicity	HIV	1995	1996	1997	1998	1999	TOTAL
Caucasian	persons	388	413	340	273	253	1,667
	tests	26,328	45,899	51,725	52,871	50,778	227,601
First Nations	persons	86	121	83	67	74	431
	tests	2,678	4,361	4,912	5,268	5,294	22,513
Asian	persons	13	19	17	13	13	75
	tests	1,587	3,064	4,827	6,656	8,095	24,229
South Asian	persons	16	11	8	19	10	64
	tests	637	660	811	554	552	3,214
Inuit	persons			1		1	2
	tests	18	16	18	32	20	104
Metis	persons	5	2	3	4	5	19
	tests	106	182	198	316	347	1,149
Black	persons	14	17	12	22	19	84
	tests	282	523	604	628	592	2,629
Hispanic	persons	19	17	14	14	12	76
	tests	256	437	585	576	627	2,481
unknown	persons	149	114	83	70	40	456
	tests	98,446	83,108	76,598	70,800	68,979	397,931
total:	persons	690	714	561	482	427	2,874
	tests	130,338	138,250	140,278	137,701	135,284	681,851

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

Table 2.14
Persons Testing Newly Positive for HIV by HEALTH REGION* and YEAR, 1994 to 1999

Health Region	HIV	1994	1995	1996	1997	1998	1999	TOTAL
Burnaby	persons	16	13	19	17	9	8	159
	rate	8.96	7.11	10.16	9.00	4.75	4.17	
	tests	4,540	5,585	5,733	5,808	5,680	6,285	45,718
Capital	persons	44	34	36	24	28	16	382
	rate	13.56	10.34	10.85	7.17	8.35	4.77	
	tests	9,066	11,633	11,934	12,148	14,004	11,363	95,290
Cariboo	persons	2	2	3	2	1		18
	rate	2.90	2.82	4.09	2.64	1.30		
	tests	1,088	1,627	1,738	1,979	1,901	1,861	12,729
Central Fraser Valley	persons	26						81
	rate	12.73						
	tests	3,625						12,122
Central Vancouver Island	persons	22	13	14	19	10	12	147
	rate	9.93	5.68	6.00	7.94	4.13	4.92	
	tests	4,947	6,634	6,948	7,347	7,094	6,925	51,782
Coast Garibaldi	persons	10	1	7	5	3	3	45
	rate	14.62	1.41	9.55	6.55	3.83	3.76	
	tests	1,647	2,009	2,462	2,416	2,384	2,293	16,678
East Kootenay	persons	2	4	2	2	1	3	17
	rate	2.65	5.17	2.53	2.49	1.23	3.70	
	tests	743	1,204	1,360	1,551	1,393	1,400	9,410
Fraser Valley	persons	16	21	17	14	17	8	130
	rate	7.37	9.35	7.35	5.93	7.11	3.31	
	tests	3,836	6,029	6,322	7,634	7,574	7,404	48,766
Kootenay Boundary	persons	4	2	10	2	1	1	33
	rate	5.06	2.49	12.25	2.43	1.21	1.22	
	tests	1,386	1,855	1,861	2,011	1,860	1,755	13,750
North Okanagan	persons	4	2	4	4	4	1	32
	rate	3.69	1.80	3.51	3.43	3.39	0.84	
	tests	1,569	2,392	2,639	2,848	2,772	2,658	18,640
North Shore	persons	19	13	13	8	11	8	143
	rate	11.05	7.48	7.35	4.48	6.11	4.42	
	tests	4,379	5,013	4,847	5,157	5,216	4,875	42,233
North West	persons	6	3	2	1	2	2	28
	rate	6.88	3.39	2.22	1.09	2.18	2.19	
	tests	1,847	2,250	2,561	2,938	2,647	2,505	18,667

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 end 1999.

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 jurisdictions: Mission to Fraser Valley; Maple Ridge and Pitt Meadows to Simon Fraser; and Langley to South Fraser.

*HEALTH REGION - An HIV positive test report is designated to the appropriate HEALTH REGION according to the location of the physician/clinic site where the person tested.

Table 2.14 (continued)

Persons Testing Newly Positive for HIV by HEALTH REGION* and YEAR, 1994 to 1999

Health Region	HIV	1994	1995	1996	1997	1998	1999	TOTAL
Northern Interior	persons	8	5	2	4	2	4	52
	rate	6.47	3.95	1.55	3.03	1.50	3.00	
	tests	3,426	3,989	4,034	4,099	3,981	3,700	33,027
Okanagan Similkameen	persons	15	14	12	6	11	6	109
	rate	7.12	6.48	5.44	2.65	4.78	2.60	
	tests	4,043	5,436	5,830	5,647	5,616	5,619	42,223
Peace Liard	persons	3		2	1			9
	rate	4.89		3.09	1.53			
	tests	1,042	1,630	1,723	1,757	1,732	1,606	11,374
Richmond	persons	15	8	8	5	7		77
	rate	10.42	5.36	5.16	3.15	4.31		
	tests	2,411	3,363	3,631	3,613	3,428	3,613	26,162
Simon Fraser	persons	34	56	40	36	22	20	292
	rate	12.08	19.21	13.22	11.63	6.97	6.21	
	tests	5,839	8,918	9,742	9,967	10,154	10,053	69,715
South Fraser	persons	29	29	41	51	31	22	284
	rate	5.73	5.50	7.55	9.18	5.49	3.82	
	tests	6,993	11,682	12,546	15,505	15,565	15,185	93,820
Thompson	persons	3	4	5	4	10	2	56
	rate	2.44	3.16	3.83	3.00	7.38	1.46	
	tests	2,692	3,467	4,017	4,145	4,095	4,138	28,869
Upper Island	persons	7	5	8	2	4	2	42
	rate	6.24	4.32	6.75	1.65	3.26	1.63	
	tests	2,736	3,709	3,950	3,983	3,910	3,486	28,461
Vancouver	persons	552	461	469	352	307	308	5,124
	rate	106.40	86.84	85.86	63.30	54.45	53.96	
	tests	34,812	39,373	41,087	37,542	36,356	34,430	347,677
unknown	persons	3			2	1	1	23
	tests	1,451	2,540	3,285	2,183	339	4,130	18,517
total:	persons	840	690	714	561	482	427	7,283
	rate	22.82	18.23	18.39	14.17	12.02	10.55	
	tests	104,118	130,338	138,250	140,278	137,701	135,284	1,085,630

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 end 1999.

*HEALTH REGION - An HIV positive test report is designated to the appropriate HEALTH REGION according to the location of the physician/clinic site where the person tested.

Table 2.15

Persons Testing Newly Positive for HIV by SPECIMEN SOURCE and YEAR, 1994 to 1999

Specimen Source	HIV	1994	1995	1996	1997	1998	1999	TOTAL
private physician	persons	541	437	393	335	284	233	4,471
	tests	81,036	103,590	109,830	109,244	104,029	102,851	841,663
hospital	persons	154	129	110	73	58	52	1,332
	tests	13,128	16,520	17,612	19,147	21,069	21,407	146,256
STD/ATEC Clinic (7)	persons	21	26	22	21	15	21	306
	tests	3,144	3,192	3,066	3,164	3,024	2,950	30,052
STD/AIDS Outreach (8)	persons	105	90	82	57	49	47	726
	tests	2,924	2,771	3,023	3,101	3,358	3,135	27,747
health unit	persons	17	8	13	13	14	4	149
	tests	3,877	4,255	4,712	5,557	6,110	4,919	39,495
Red Cross referral	persons							7
	tests	8	1	1				88
unknown	persons	2					2	6
	tests	1	9	6	65	111	22	329
VIDUS study (9)	persons			69	32	16	18	135
downtown clinics (10)	persons			25	30	21	36	112
corrections (11)	persons					25	14	39
total:	persons	840	690	714	561	482	427	7,283
	tests	104,118	130,338	138,250	140,278	137,701	135,284	1,085,630

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	1994	1995	1996	1997	1998	1999	TOTAL
UBC Virology Laboratory (12)	tests	2,789	2,916	3,956	3,846	3,413	3,396	30,094
BC Biomedical Ltd. (13)	tests	1,441	1,654	1,694	1,371	1,152	1,241	15,224
total:	tests	4,230	4,570	5,650	5,217	4,565	4,637	45,318

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 end 1999.

VIDUS Study - Vancouver Injection Drug User Study
UBC Virology Laboratory - University of British Columbia Virology Laboratory

(7), (8), (9), (10), (11), (12), and (13) - refer to FOOTNOTES on page 42

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 2.16 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 2.16

Maternal Antibody Positive for HIV vs True HIV Infection - <18 MONTHS OF AGE, 1990 to 1999

HIV	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL
maternal AB	7	9	10	15	17	24	19	17	16	21	161
true infection	2	1	2	4	5	2	1	2	2	-	22

maternal AB - maternal antibody

TOTAL column to far right is cumulative from 1989 to year end 1999.

Since pregnancy is not an HIV risk category, a separate table (Table 2.17) 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, e.g. injection drug user.

Please note that the pregnant women who have tested positive for HIV are included in Table 2.7 - Persons Testing Newly Positive for HIV by Risk Category in accordance to their risk (e.g. heterosexual contact).

Table 2.17

Women Testing Newly Positive for HIV - PRENATAL SCREENING, 1994(4) to 1999

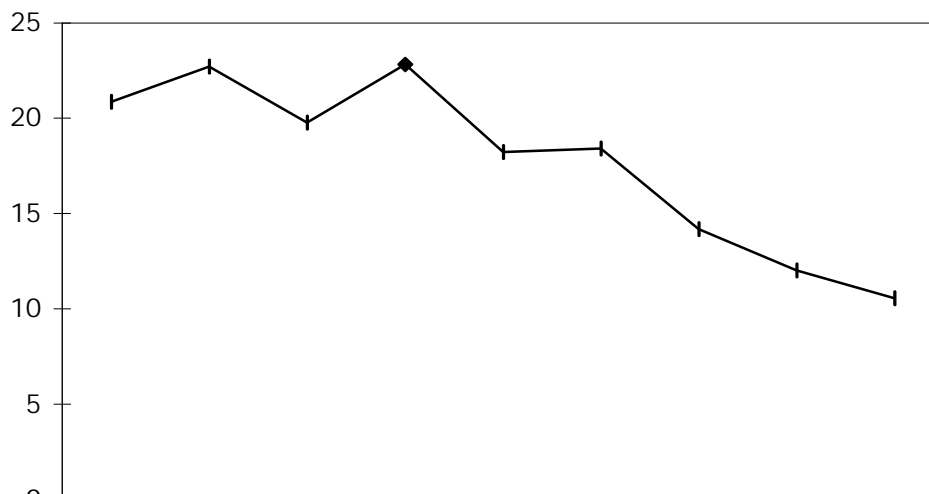
Gender	HIV	1994(4)	1995	1996	1997	1998	1999	TOTAL
male	persons					1		1
	tests		105	381	489	443	609	2,027
female	persons		14	11	5	7		37
	tests	102	15,690	21,642	23,662	23,509	23,567	108,172
unknown	persons							-
	tests		1,527	1,093	686	581	440	4,327
total:	persons	-	14	11	5	8	-	38
	tests	102	17,322	23,116	24,837	24,533	24,616	114,526

1994(4) - 4th quarter of 1994

Graph 2.7

Persons Testing Newly Positive for HIV by YEAR for BC and Canada, 1991-1999

rate per 100,000 population

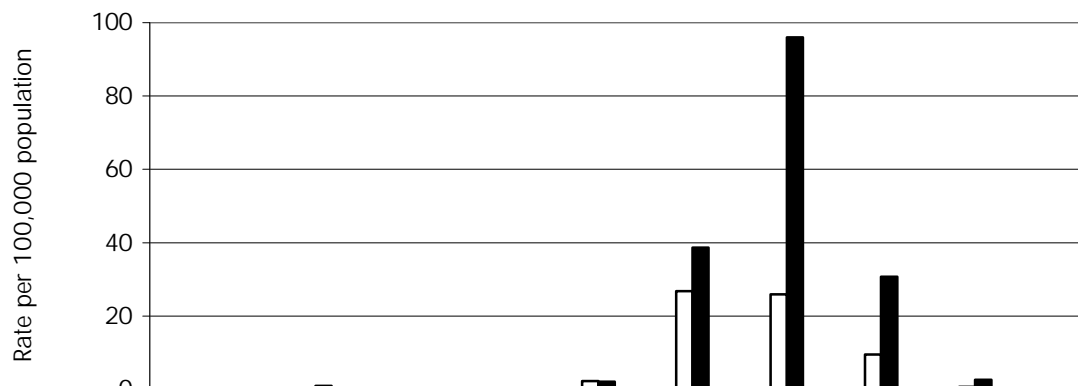


	1991	1992	1993	1994	1995	1996	1997	1998	1999
HIV Reports	704	788	706	840	690	715	561	482	427
—+— BC HIV Rate	20.9	22.7	19.8	22.8	18.2	18.4	14.2	12.0	10.6
- - ▲ - - Canadian HIV Rate									

The Canadian HIV rate is not available.

Graph 2.8

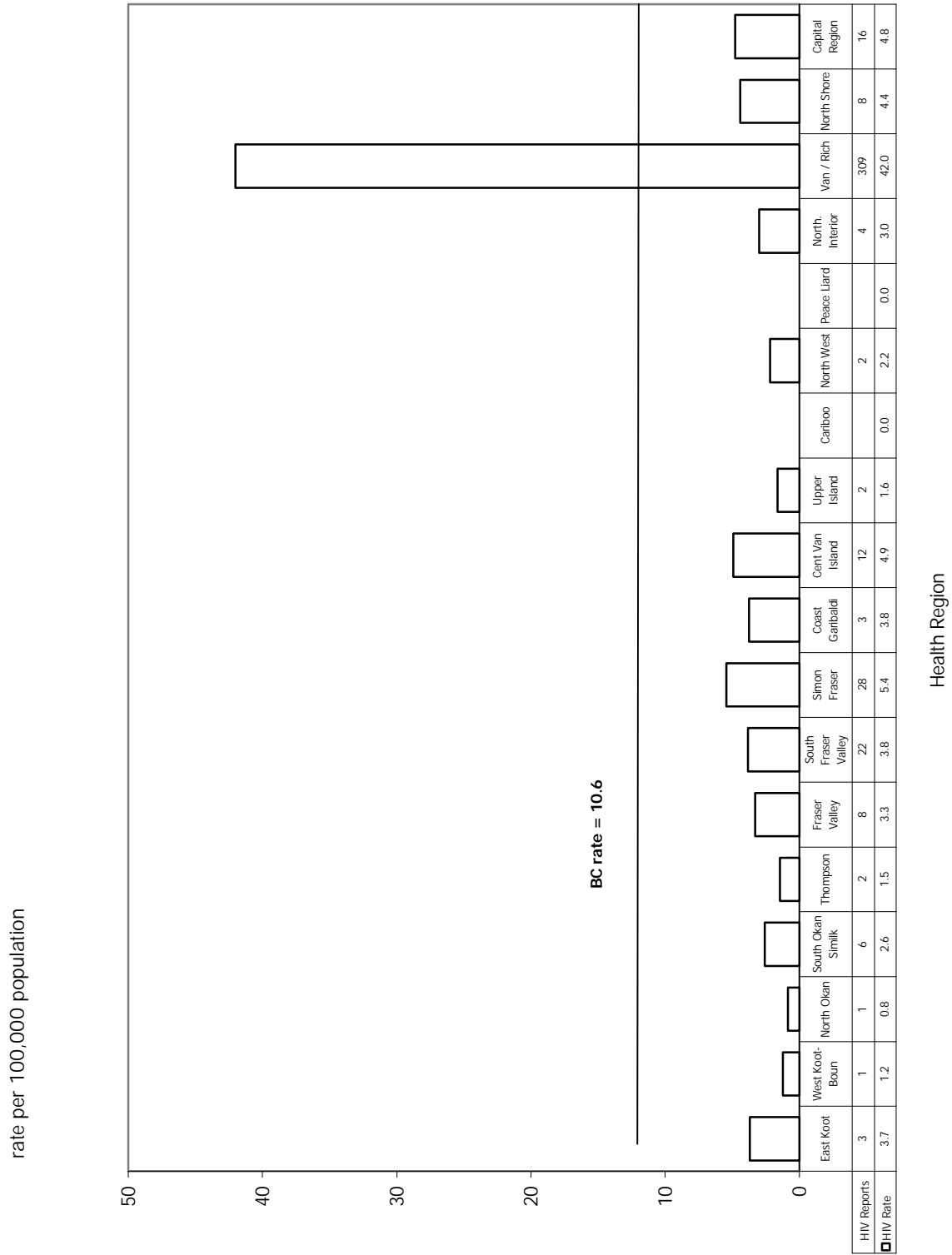
Persons Testing Newly Positive for HIV by AGE and GENDER, 1999



	< 1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 39	40 - 59	60+
HIV Reports - Female	0	0	0	0	3	35	37	32	4	0
HIV Reports - Male	0	1	0	0	3	52	139	104	15	1
HIV Reports - Unknown	0	0	0	0	0	0	0	0	0	1
□ HIV Rate - Female	0.0	0.0	0.0	0.0	2.3	26.9	26.0	9.6	0.7	0.0
■ HIV Rate - Male	0.0	1.0	0.0	0.0	2.2	38.7	95.9	30.7	2.7	0.3

Age Group

Graph 2.9
Persons Testing Newly Positive for HIV by HEALTH REGION, 1999



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	Initially 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; persons 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 detection of HIV on two or more consecutive assays by PCR, p24 antigen testing and/or HIV culture.
(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. This risk category was included in 1996.

No.	Specimen Source	Footnote
(7)	STD/A TEC Clinic	Both the STD and ATEC Clinic are located at 655 West 12 th Avenue in Vancouver.
(8)	STD/AIDS Out-reach	HIV testing is done at various sites in the Lower Mainland (e.g. jails, outreach clinics, detoxification centres) by outreach nurses from the AIDS Prevention Street Nurse Program.
(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 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.
(10)	downtown clinics	The downtown clinics provide medical, dental, pharmaceutical, nutritional, and other health care services to residents of Vancouver's Downtown Eastside.
(11)	corrections	Many inmates choose to get an HIV test done at the time of intake or when they perceive that they have been at risk of acquiring HIV.
(12)	UBC Virology Laboratory	UBC performs routine HIV antibody ELISA tests. Positive ELISA screens are always confirmed with Western Blots at the Provincial Laboratory.



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BC Centre for Disease Control

To Recipients of the HIV/AIDS Update Semi-Annual reports:

Please find enclosed the HIV/AIDS Update Year-end report for 1999. This will be the **last report** in this series which has previously been distributed on a semi-annual basis. Henceforth, a selection of the key HIV/AIDS tables and graphs will be posted on the British Columbia Centre for Disease Control (BCCDC) website (www.bccdc.org) semi-annually.

The STD/AIDS Control Program will continue to publish and distribute an Annual Report which will now include a new section on HIV/AIDS beginning with the 2000 Annual Report. Summary data on HIV/AIDS in British Columbia will also be included in a new combined BCCDC Annual Report beginning with the 1999 BCCDC Annual Report which will be sent out shortly.

All of you who are on our mailing list for these HIV/AIDS Updates will also receive our Annual Reports.

I would like to take this opportunity to thank those who have worked on the HIV/AIDS Updates over the last decade:

Jacqueline Barnett	David M. Patrick
Lisa Elliot	Dorothy Rachar
Hugh Jones	Tony Rees
Linda Knowles	Daphne Spencer
Robbie G. MacDougall	Elsie Wong
Juanita Maginley	Laura Moore-Dempsey

Yours sincerely,

Original Signature

Michael L. Rekart, MD, FRCPC, DTM&H
Director
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