



BC Centre for Disease Control



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# **HIV / AIDS UPDATE**

## **Annual 2002**

British Columbia Centre for Disease Control Society  
STD/AIDS Control

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## **AIDS IN BRITISH COLUMBIA**

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

To avoid duplicate data entry and to improve timelines, we 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 12<sup>th</sup> Avenue  
Vancouver BC V5Z 4R4

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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 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 2002

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	224	6.81	962
1991	266	7.89	1,228
1992	317	9.13	1,545
1993	350	9.80	1,895
1994	343	9.32	2,238
1995	317	8.38	2,555
1996	235	6.05	2,790
1997	154	3.89	2,944
1998	159	3.97	3,103
1999	136	3.36	3,239
2000	125	3.07	3,364
2001	55	1.34	3,419
2002	37	0.90	3,456
TOTAL:	3,456		

2002 figures are year-to-date

Graph 1.1  
AIDS Case Reports by YEAR OF DIAGNOSIS, 1990 to 2002

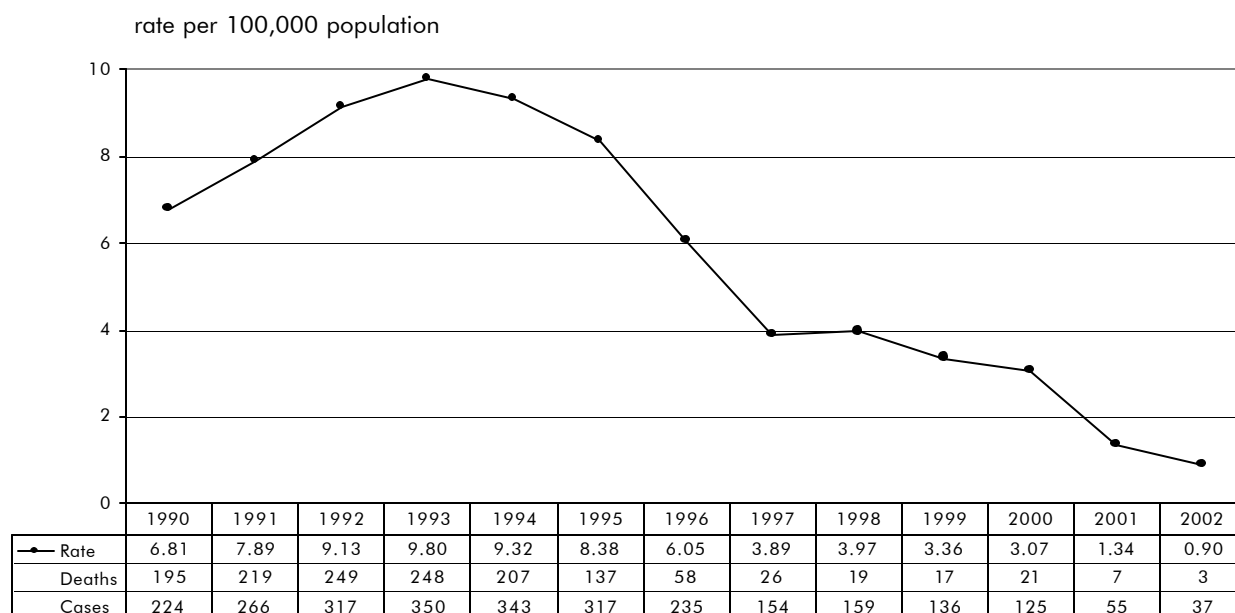


Table 1.2  
AIDS Case Reports by AGE and YEAR OF DIAGNOSIS - MALES, 1996 to 2002

Age	AIDS	1996	1997	1998	1999	2000	2001	2002	TOTAL
<15	cases	1	1	1	1	1	1		12
	rate	0.26	0.26	0.26	0.26	0.26	0.27		
15 to 19	cases	-	-	-	-	-	-	-	9
	rate								
20 to 29	cases	19	15	14	5	5	1	2	407
	rate	6.71	5.28	4.95	1.79	1.83	0.37	0.73	
30 to 39	cases	102	53	51	48	49	19	9	1,426
	rate	29.88	15.45	14.96	14.18	14.76	5.78	2.79	
40 to 49	cases	61	40	51	36	30	12	13	984
	rate	19.98	12.75	15.88	10.97	8.98	3.54	3.78	
50+	cases	26	14	19	20	25	16	11	380
	rate	5.34	2.76	3.62	3.69	4.45	2.77	1.83	
unknown	cases	-	-	-	-	-	-	-	-
total:	cases	209	123	136	110	110	49	35	3,218
	rate	10.81	6.24	6.82	5.47	5.45	2.41	1.71	

Table 1.3  
AIDS Case Reports by AGE and YEAR OF DIAGNOSIS - FEMALES, 1996 to 2002

Age	AIDS	1996	1997	1998	1999	2000	2001	2002	TOTAL
<15	cases	-	2	-	-	-	-	-	6
	rate		0.54						
15 to 19	cases	1	-	-	1	-	-	-	2
	rate	0.81			0.77				
20 to 29	cases	5	3	3	1	2	3	-	46
	rate	1.83	1.09	1.09	0.37	0.74	1.11		
30 to 39	cases	10	19	12	12	2	1	1	100
	rate	2.98	5.64	3.57	3.59	0.61	0.31	0.37	
40 to 49	cases	5	4	6	7	6	-	-	48
	rate	1.65	1.28	1.87	2.13	1.79			
50+	cases	3	2	1	2	-	-	-	15
	rate	0.55	0.35	0.17	0.33				
unknown	cases								-
total:	cases	24	30	22	23	10	4	1	217
	rate	1.23	1.51	1.09	1.13	0.49	0.19	0.05	

2001 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 2002

Table 1.4  
AIDS Case Reports by AGE and YEAR OF DIAGNOSIS - TOTAL, 1996 to 2002

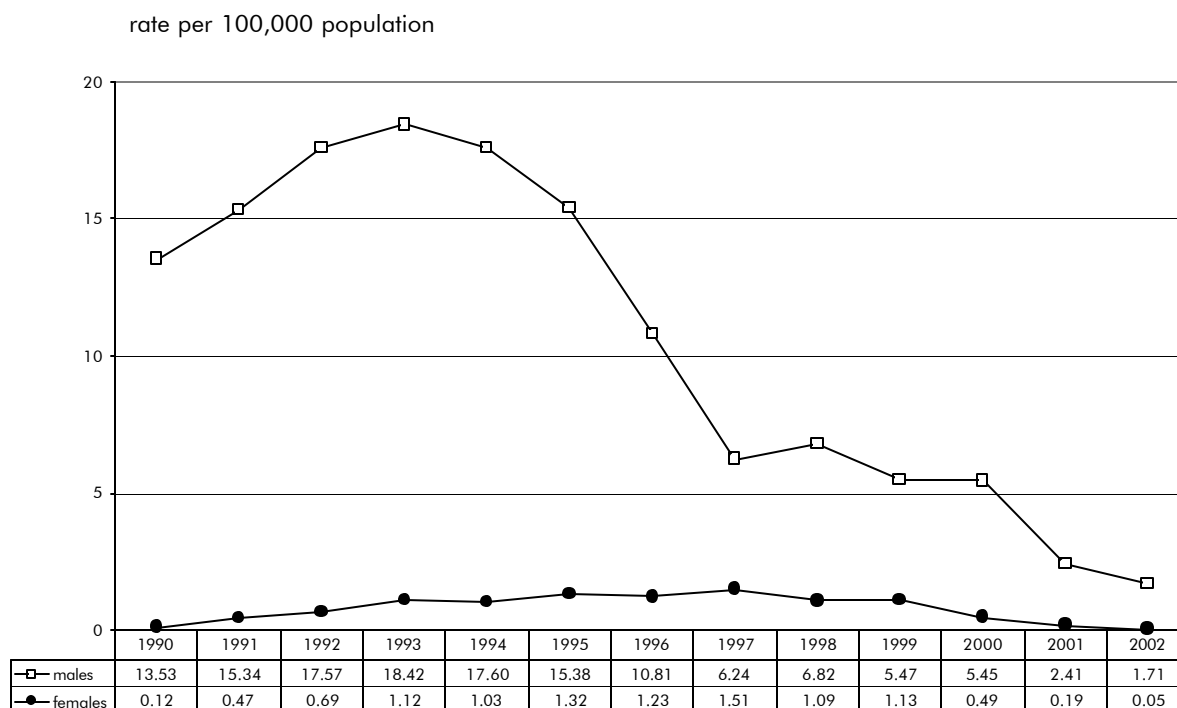
Age	AIDS	1996	1997	1998	1999	2000	2001	2002	TOTAL
<15	cases	1	3	1	1	1	1		18
	rate	0.13	0.40	0.13	0.13	0.14	0.14		
15 to 19	cases	1	-	-	1	-	-	-	11
	rate	0.39			0.37				
20 to 29	cases	24	18	17	6	7	4	2	453
	rate	4.31	3.22	3.05	1.09	1.29	0.74	0.36	
30 to 39	cases	112	72	63	60	51	20	10	1,526
	rate	16.55	10.59	9.31	8.92	7.72	3.05	1.55	
40 to 49	cases	66	44	57	43	36	12	13	1,032
	rate	10.83	7.02	8.88	6.55	5.37	1.76	1.88	
50+	cases	29	16	20	22	25	16	11	395
	rate	2.80	1.49	1.80	1.92	2.11	1.31	0.87	
unknown	cases	2	1	1	3	5	2	1	21
	rate								
total:	cases	235	154	159	136	125	55	37	3,456
	rate	6.05	3.89	3.97	3.36	3.07	1.34	0.90	

RATE is per 100,000 population.

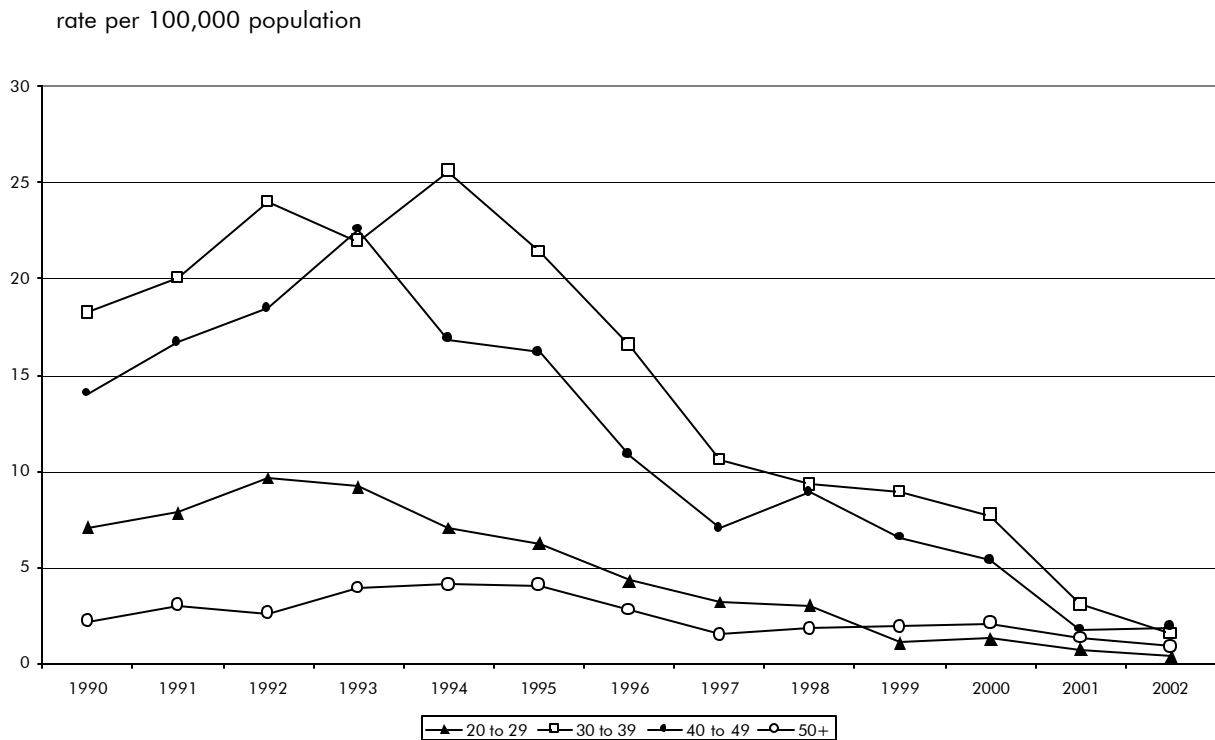
TOTAL column to the far right is cumulative from 1983 to year-to-date 2002.

2 Transgender AIDS case reports: 1997 and 1999.

Graph 1.2  
AIDS Case Reports by GENDER and YEAR OF DIAGNOSIS, 1990 to 2002



Graph 1.3  
AIDS Case Reports by AGE and YEAR OF DIAGNOSIS, 1990 to 2002



Graph 1.4  
AIDS Case Reports by RISK CATEGORY AND YEAR OF DIAGNOSIS, 1990 to 2002

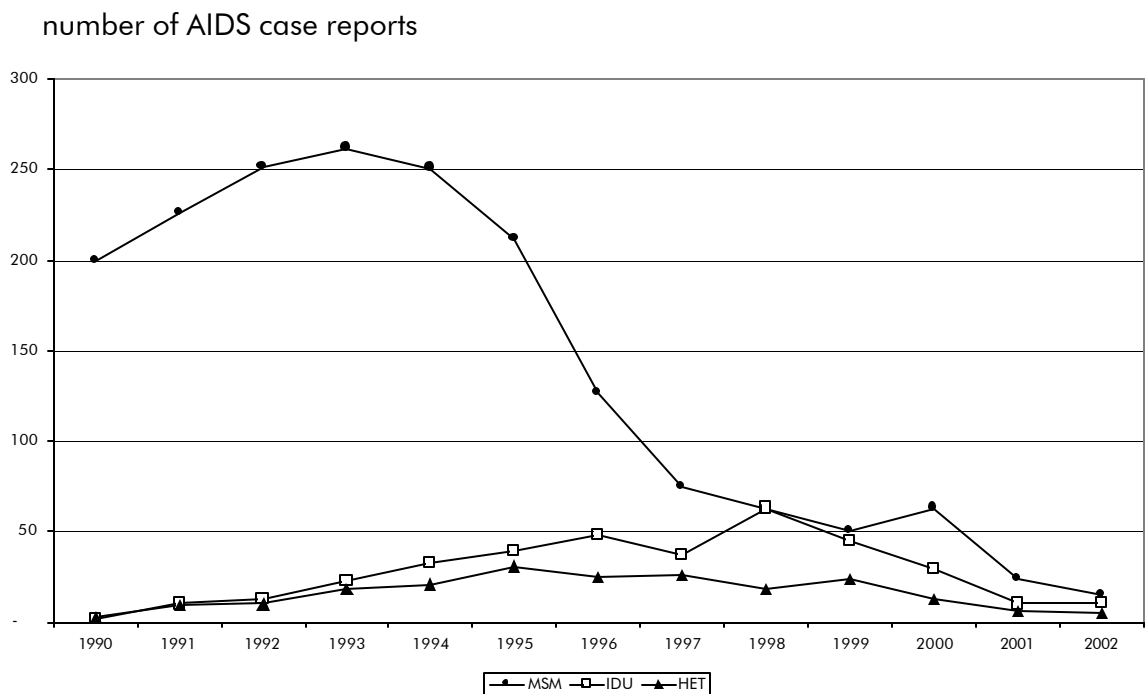


Table 1.5  
AIDS Case Reports by RISK CATEGORY, GENDER, and YEAR OF DIAGNOSIS,  
1996 to 2002

Risk Category	AIDS	1996	1997	1998	1999	2000	2001	2002	TOTAL
MSM or WSW	males	127	75	62	50	63	24	15	2,477
	females	-	-	-	-	-	-	-	
	total	127	75	62	50	63	24	15	2,477
MSM/IDU or WSW/IDU	males	17	5	1	9	4	3	-	163
	females	-	-	-	-	-	-	-	
	total	17	67	1	9	4	3		225
IDU	males	37	21	46	33	22	9	11	266
	females	11	16	17	12	7	1	-	103
	total	48	37	63	45	29	10	11	369
heterosexual contact	males	14	16	15	14	9	3	5	133
	females	11	10	3	10	4	3	-	87
	total	25	26	18	24	13	6	5	220
hemophiliac	males	2	1	-	-	-	-	-	24
	females	-	-	-	-	-	-	-	2
	total	2	1						26
blood/BP recipient	males	-	-	-	-	1	-	-	11
	females	-	-	1	-	-	-	-	9
	total			1		1			20
perinatal	males	1	1	1	-	-	-	-	8
	females	-	1	-	-	-	-	-	5
	total	1	2	1					13
unknown*	males	5	4	10	3	10	9	2	101
	females	1	3	1	1	-	-	-	6
	total	12	7	12	5	11	10	4	140
total:	males	209	123	136	110	110	49	35	3,218
	females	24	30	22	23	11	4	1	218
	total	235	154	159	136	125	55	37	3,456

TOTAL column to the far right is cumulative from 1983 to year-to-date 2002.  
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  
unknown\*- total contains unknown gender



Table 1.6  
AIDS Case Reports by ETHNICITY, GENDER and YEAR OF DIAGNOSIS, 1996 to 2002

Ethnicity	AIDS	1996	1997	1998	1999	2000	2001	2002	TOTAL
Caucasian	males	165	95	90	81	91	41	21	2,532
	females	18	13	10	9	5	3	-	121
	total	183	108	100	90	96	44	21	2,653
First Nations	males	16	13	19	14	8	3	3	157
	females	6	12	10	9	4	-	-	53
	total	22	25	29	23	12	3	3	210
Asian	males	3	4	3	3	2	-	1	50
	females	-	-	-	1	-	-	-	5
	total	3	4	3	4	2	-	1	55
South Asian	males	1	1	3	3	1	1	1	29
	females	-	-	-	-	-	-	-	2
	total	1	1	3	3	1	1	1	31
Inuit	males	-	1	1	-	-	1	1	6
	females	-	-	-	-	-	-	-	1
	total	-	1	1	-	-	1	1	7
Metis	males	-	4	1	-	1	-	-	9
	females	-	-	-	-	-	-	-	-
	total	-	4	1	-	1	-	-	9
Black	males	7	3	4	4	2	-	3	49
	females	-	3	-	3	2	-	-	15
	total	7	6	4	7	4	-	3	64
Hispanic	males	2	-	3	2	2	1	2	41
	females	-	1	-	-	-	1	-	4
	total	2	1	3	2	2	2	2	45
Arab/West Asian	males	2	-	3	-	1	-	-	10
	females	-	-	-	-	-	-	-	-
	total	2	-	3	-	1	-	-	10
other	males	2	1	4	-	-	-	-	24
	females	-	-	-	1	-	-	-	2
	total	2	1	4	1	-	-	-	26
unknown*	males	11	1	5	3	2	2	3	309
	females	-	1	2	-	-	-	1	15
	total	13	3	8	6	8	4	5	346
total:	males	209	123	136	110	110	49	35	3,216
	females	24	30	22	23	11	4	1	218
	total	235	154	159	136	127	55	37	3,456

TOTAL column to the far right is cumulative from 1983 to year-to-date 2002.

2 Transgender AIDS case reports: 1997 and 1999.

unknown\*- total contains unknown gender

Table 1.7  
AIDS Case Reports by HEALTH AUTHORITY\* and YEAR OF DIAGNOSIS, 1996 to 2002

Health Authority	H S D A	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
Fraser	Fraser East	cases	1	5	4		1		3	47
		rate	0.43	2.11	1.67		0.41		1.18	
	Fraser North	cases	13	11	7	12	7	8	7	191
		rate	2.66	2.19	1.37	2.30	1.31	1.50	1.27	
	Fraser South	cases	9	10	5	10	8	3	5	141
		rate	1.66	1.78	0.87	1.72	1.35	0.51	0.81	
Interior	East Kootenay	cases	1					1		11
		rate	1.26					1.26		
	Kootenay Boundary	cases	4	3	1					20
		rate	4.90	3.68	1.23					
	Okanagan	cases	3	4	4	8	4	3	1	70
		rate	1.02	1.33	1.31	2.61	1.30	0.97	0.32	
	Thompson Cariboo Shuswap	cases	3	2	5	1	3	1		34
		rate	1.40	0.92	2.31	0.46	1.38	0.46		
Northern	Northeast	cases								8
		rate								
	Northern Interior	cases	6	6	4	2	1	3		32
		rate	3.86	3.83	2.57	1.30	0.65	1.96		
	Northwest	cases	1	1	1	2	1			13
		rate	1.11	1.11	1.13	2.28	1.19			15.34

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1983 to year-to-date 2002.

\* HEALTH AUTHORITY - An AIDS case report, by year of diagnosis, is designated to the appropriate HEALTH AUTHORITY 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 AUTHORITY\* and YEAR OF DIAGNOSIS, 1996 to 2002

Health Authority	H S D A	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
Vancouver Coastal	North Shore/Coast Garibaldi	cases	6	6	7	7	9	4		144
		rate	2.35	2.30	2.66	2.65	3.40	1.51		
	Richmond	cases	5		1	3	2	2	1	48
		rate	3.23		0.61	1.80	1.18	1.18	0.57	
	Vancouver	cases	149	92	97	76	71	23	18	2,293
		rate	27.28	16.53	17.21	13.31	12.28	3.98	3.04	
Vancouver Island	Central Vancouver Island	cases	3	5	6	1	4	3	1	64
		rate	1.29	2.11	2.52	0.42	1.68	1.26	0.41	
	North Vancouver Island	cases		1	2	1	1			17
		rate		0.85	1.70	0.86	0.87			
	South Vancouver Island	cases	28	8	11	13	9	3	1	266
		rate	8.44	2.39	3.27	3.85	2.66	0.89	0.29	
unknown	unknown	cases	3		4		4	1		57
		rate								
		cases	235	154	159	136	125	55	37	3,456
total:	total:	rate	6.05	3.89	3.98	3.38	3.08	1.34	0.89	

RATE is per 100,000 population.

TOTAL column to far right is cumulative from 1983 to year-to-date 2002.

\* HEALTH AUTHORITY - An AIDS case report, by year of diagnosis, is designated to the appropriate HEALTH AUTHORITY 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 2002

Year of Diagnosis	KS	PCP	OI	OM	HIV WS	HIV ENC	None	TOTAL
1983	1	2	4	-	-	-	2	9
1984	14	8	7	-	-	-	-	29
1985	13	27	15	6	-	-	-	61
1986	27	41	32	5	-	-	1	106
1987	24	69	30	9	1	2	-	135
1988	31	85	36	10	5	8	-	175
1989	49	103	54	7	6	4	-	223
1990	38	86	66	15	6	13	-	224
1991	45	112	82	7	11	9	-	266
1992	50	115	115	11	13	13	-	317
1993	42	104	146	17	26	15	-	350
1994	48	106	133	16	21	19	-	343
1995	41	92	131	7	22	24	-	317
1996	28	66	104	11	17	9	-	235
1997	14	38	70	13	10	9	-	154
1998	13	49	66	4	24	3	-	159
1999	13	51	50	6	10	6	-	136
2000	16	52	35	9	9	3	1	125
2001	6	19	15	4	9	2	-	55
2002	5	21	8	2	-	1	-	37
total:	518	1,246	1,199	159	190	140	4	3,456

2002 figures are year-to-date 2002.

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

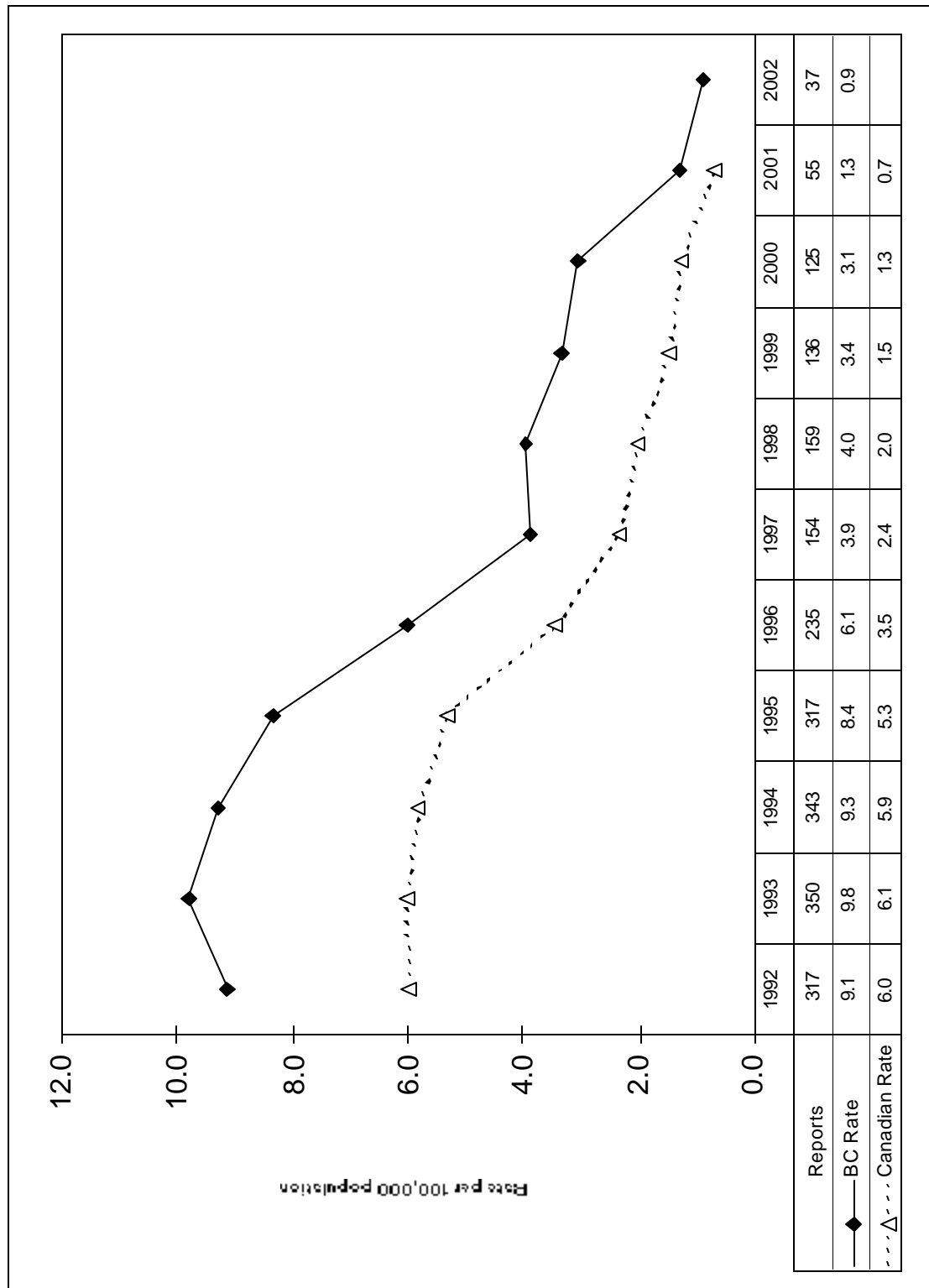
OI - other opportunistic infections

OM - other malignancies

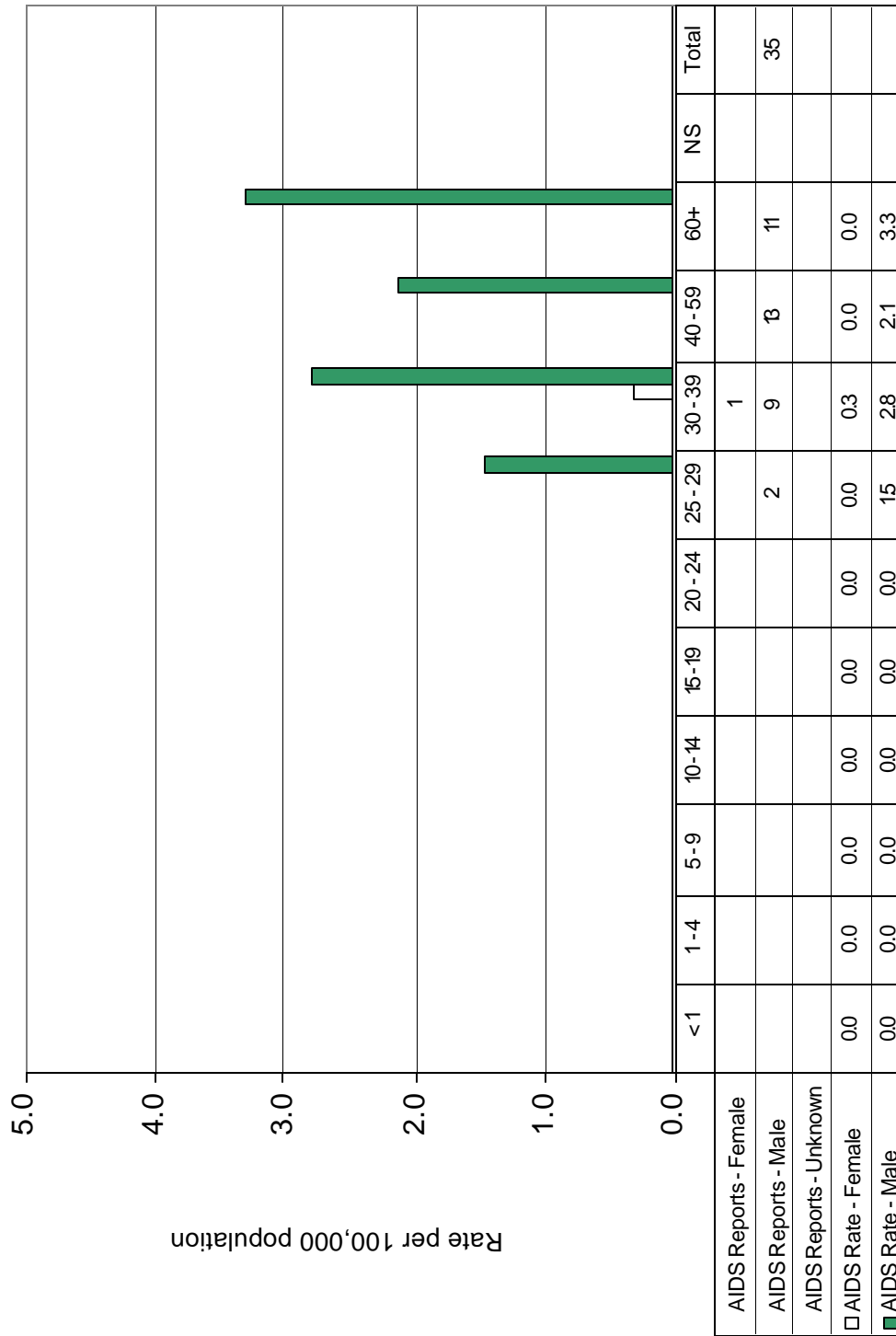
HIV WS - Wasting syndrome due to HIV

HIV ENC - Encephalopathy, HIV-related

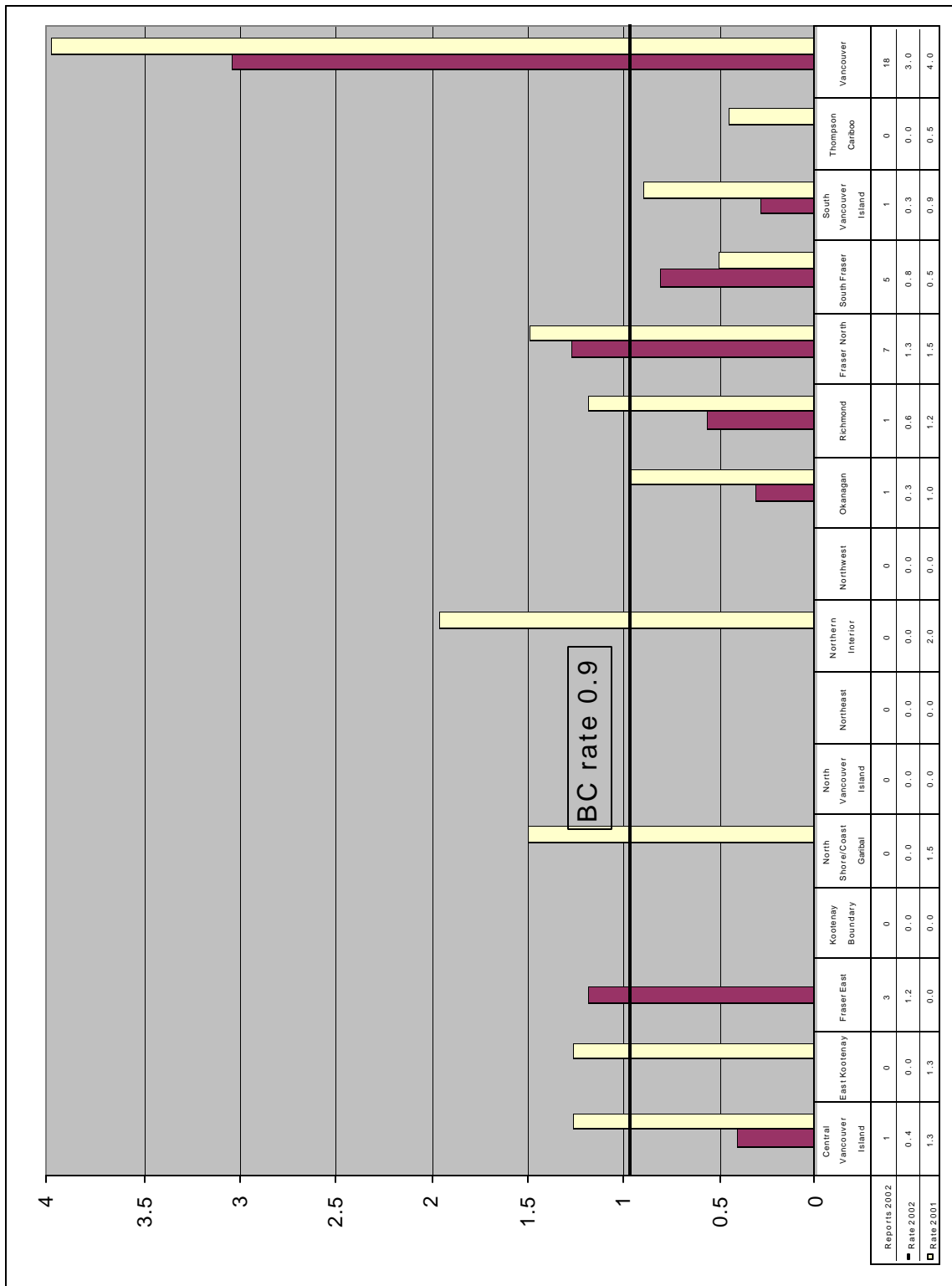
Graph 1.5  
AIDS Case Reports by YEAR OF DIAGNOSIS for BC and Canada 1991-2002



Graph 1.6  
AIDS Case Reports by AGE and GENDER for BC 2002



Graph 1.7  
AIDS Case Reports by HEALTH REGION for BC 2002



## 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.

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	Robbie MacDougall	Corrine Williams, RN

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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 2002

Year	Persons	Rate	Tests
1985	220	7.4	1,362
1986	670	22.3	5,328
1987	929	30.5	35,783
1988	746	23.9	28,866
1989	726	22.7	30,302
1990	645	19.6	38,024
1991	704	20.9	54,310
1992	788	22.7	84,419
1993	706	19.8	92,606
1994	840	22.8	104,118
1995	692	18.3	130,338
1996	716	18.4	138,250
1997	533	13.5	140,278
1998	484	12.1	137,701
1999	427	10.6	135,284
2000	413	10.2	135,488
2001	440	10.7	135,806
2002	441	10.7	146,489
TOTAL:	11,120	-	1,574,752

2002 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, 1990 to 2002

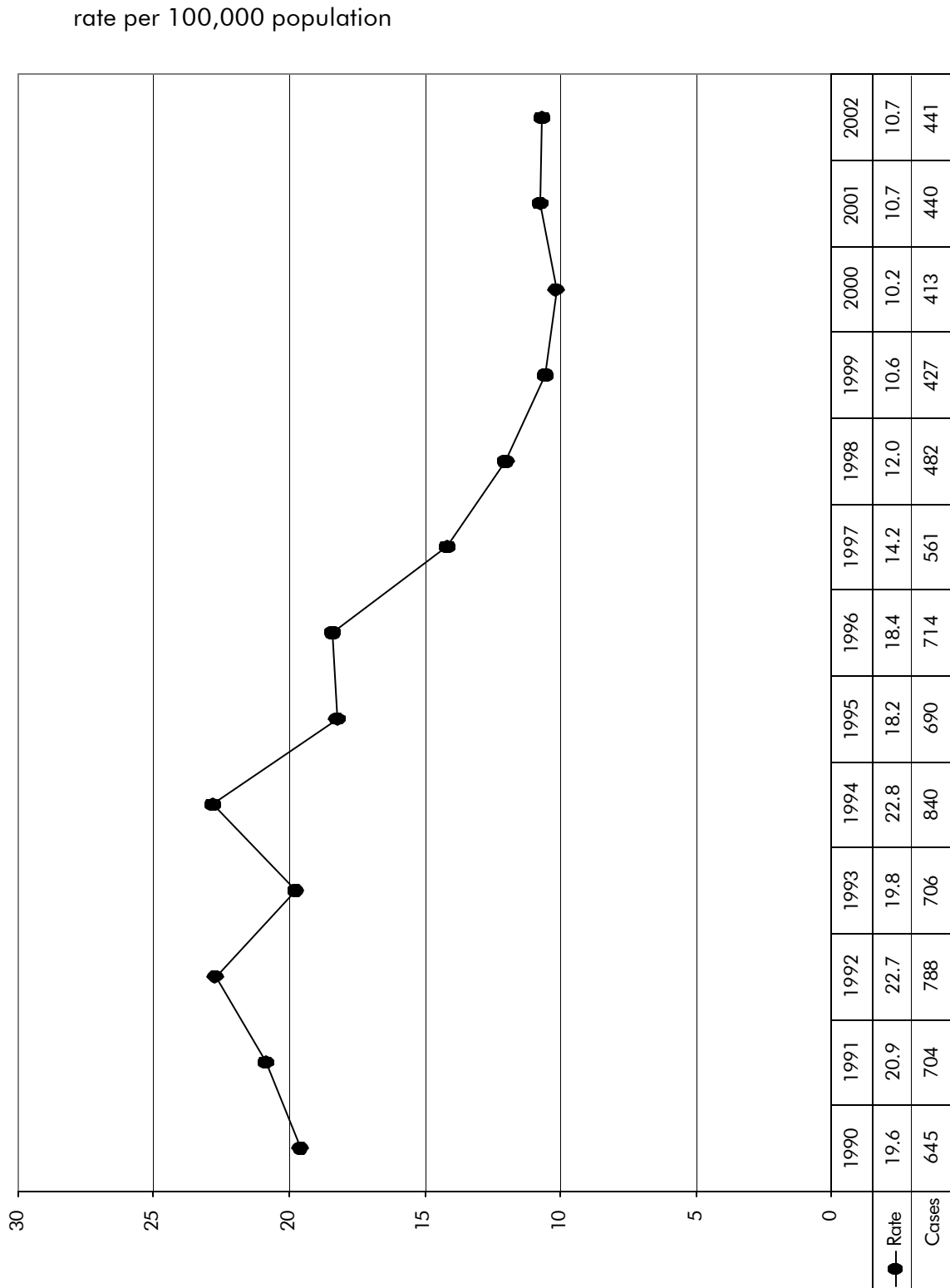


Table 2.2  
Persons Testing Newly Positive for HIV by AGE and YEAR - MALES, 1996 to 2002

Age	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
< 18 mos	persons	1	2	1					15
	rate	1.35	2.70	1.37					
19 mos to 14 yrs	persons	1	1	2	1	2	2		30
	rate	0.32	0.32	0.63	0.32	0.64	0.65		
< 15 yrs	tests	394	682	544	489	495	466	483	6,906
	persons	6	2	3	3	3	3	1	77
	rate	4.58	1.49	2.20	2.18	2.16	2.15	0.71	
15 to 19	tests	2,155	2,803	2,750	2,816	2,663	2,625	2,851	28,222
	persons	98	83	57	52	63	61	47	2,315
	rate	34.63	29.20	20.17	18.61	23.00	22.30	17.05	
20 to 29	tests	16,163	16,215	16,213	15,782	15,324	14,902	16,383	193,478
	persons	255	189	163	139	120	119	129	3,811
	rate	74.70	55.09	47.82	41.05	36.15	36.19	39.95	
30 to 39	tests	15,447	15,431	15,146	14,866	14,898	14,638	15,611	188,971
	persons	128	97	103	75	86	108	112	1,987
	rate	41.92	30.91	32.08	22.86	25.74	31.85	32.57	
40 to 49	tests	9,141	9,549	9,772	9,814	10,005	10,598	10,993	114,914
	persons	54	45	46	44	49	48	64	795
	rate	11.08	8.88	8.78	8.12	8.72	8.30	10.67	
50+	tests	5,623	6,156	6,180	6,569	7,189	7,448	8,442	77,774
	persons		2	2	1	1	2	1	260
	rate								
unknown	tests	1,055	949	785	365	423	373	352	14,931
	persons	543	421	377	315	324	343	354	9,290
	rate	28.08	21.36	18.90	15.66	16.05	16.88	17.27	
total:	tests	49,978	51,785	51,390	50,701	50,997	51,050	55,115	625,196

2002 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 2002.

Table 2.3  
Persons Testing Newly Positive for HIV by AGE and YEAR - FEMALES,  
1996 to 2002

Age	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
< 18 mos	persons			1					7
	rate			1.46					
19 mos to 14 yrs	persons	1				1	1	1	8
	rate	0.34				0.34	0.34	0.29	
< 15 yrs	tests	581	956	846	835	723	688	669	8,633
15 to 19	persons	5	1	1	3	4	7	4	58
	rate	4.07	0.79	0.78	2.32	3.04	5.32	3.02	
	tests	7,031	8,271	8,138	7,802	7,607	7,139	7,173	76,412
20 to 29	persons	53	28	37	35	27	36	21	488
	rate	19.38	10.16	13.45	12.83	10.02	13.31	7.71	
	tests	32,991	33,240	33,187	32,694	32,120	31,947	33,998	347,461
30 to 39	persons	74	54	35	37	26	28	39	566
	rate	22.07	16.03	10.42	11.07	7.92	8.57	12.08	
	tests	26,977	26,462	26,425	26,951	27,460	27,658	29,647	289,257
40 to 49	persons	31	13	19	26	25	15	17	228
	rate	10.20	4.15	5.92	7.91	7.44	4.39	4.91	
	tests	8,595	9,022	8,779	8,797	9,130	9,105	9,845	98,766
50+	persons	3	4	3	10	5	1	3	53
	rate	0.55	0.70	0.51	1.66	0.80	0.16	0.45	
	tests	3,821	4,525	4,191	4,234	4,581	4,645	5,549	50,496
unknown	persons		1			1		1	37
	tests	1,672	1,404	1,230	525	539	514	480	17,730
total:	persons	167	101	96	111	89	88	86	1,445
	rate	8.57	5.08	4.76	5.46	4.35	4.26	4.13	
	tests	81,668	83,880	82,796	81,838	82,160	81,696	87,361	888,755

2002 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 2002 year-to-date.

Table 2.4  
Persons Testing Newly Positive for HIV by AGE and YEAR - GENDER UNKNOWN,  
1996 to 2002

Age	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
< 18 mos	persons								
19 mos to 14 yrs	persons		1						2
< 15 yrs	tests	41	43	32	24	35	37	47	639
15 to 19	persons								7
	tests	394	233	225	197	192	243	284	3,743
20 to 29	persons		1	1			2		71
	tests	2,089	1,166	927	681	597	839	969	19,170
30 to 39	persons	2	6	2			3		112
	tests	1,763	1,007	747	491	495	660	726	15,387
40 to 49	persons	1	1	2			2		62
	tests	700	462	313	225	267	366	446	6,759
50+	persons	1		1			1		22
	tests	494	319	215	167	248	353	561	5,100
unknown	persons	2	2	5	1		1	1	107
	tests	1,123	1,383	1,056	960	497	562	980	10,003
total:	persons	6	11	11	1	-	9	1	383
	tests	6,604	4,613	3,515	2,745	2,331	3,060	4,013	60,801

2002 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 2002 year-to-date.

Graph 2.2  
 Persons Testing Newly Positive for HIV by GENDER and YEAR, 1991 to 2002

rate per 100,000 population

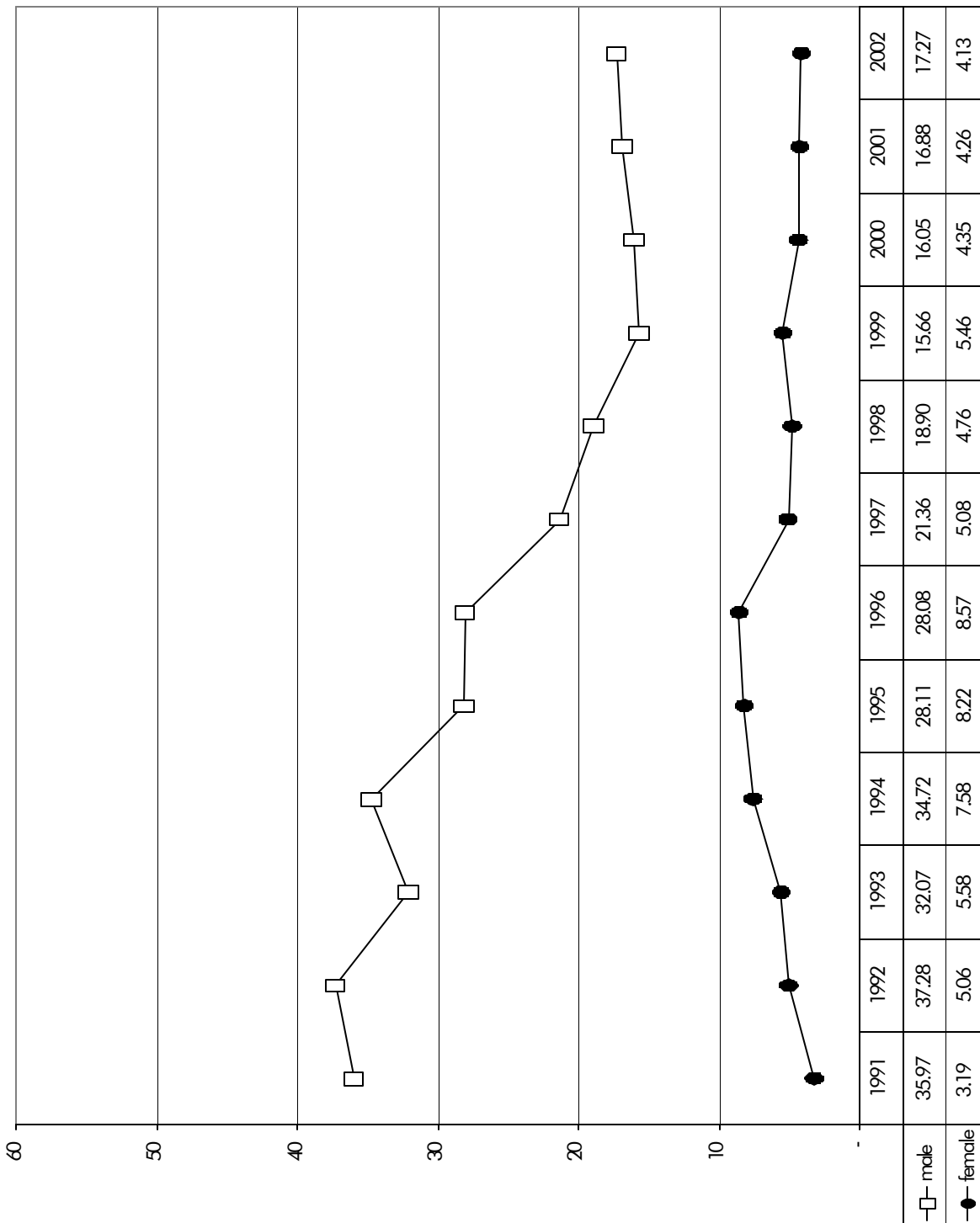


Table 2.5  
Persons Testing Newly Positive for HIV by AGE and YEAR - TOTAL, 1996 to 2002

Age	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
<15 yrs	persons	3	4	4	1	3	3	1	62
	rate	0.40	0.53	0.53	0.13	0.41	0.41	0.14	
	tests	1,016	1,681	1,422	1,348	1,253	1,191	1,199	16,178
15 to 19	persons	11	3	4	6	7	10	5	142
	rate	4.33	1.15	1.51	2.25	2.59	3.69	1.84	
	tests	9,580	11,307	11,113	10,815	10,462	10,007	10,308	108,377
20 to 29	persons	151	112	95	87	90	99	68	2,874
	rate	27.13	20.01	17.04	15.76	16.57	18.20	12.41	
	tests	51,243	50,621	50,327	49,157	48,041	47,688	51,350	560,109
30 to 39	persons	331	249	200	176	146	150	168	4,489
	rate	48.91	36.61	29.55	26.16	22.11	22.88	26.01	
	tests	44,187	42,900	42,318	42,308	42,853	42,956	45,984	493,615
40 to 49	persons	160	111	124	101	111	125	129	2,277
	rate	26.27	17.71	19.31	15.38	16.57	18.37	18.69	
	tests	18,436	19,033	18,864	18,836	19,402	20,069	21,284	220,439
50+	persons	58	49	50	54	54	50	67	870
	rate	5.61	4.56	4.50	4.71	4.55	4.10	5.31	
	tests	9,938	11,000	10,586	10,970	12,018	12,446	14,552	133,370
unknown	persons	2	5	7	2	2	3	3	404
	tests	3,850	3,736	3,071	1,850	1,459	1,449	1,812	42,664
total:	persons	716	533	484	427	413	440	441	11,118
	rate	18.44	13.46	12.07	10.55	10.15	10.74	10.67	
	tests	138,250	140,278	137,701	135,284	135,488	135,806	146,489	1,574,752

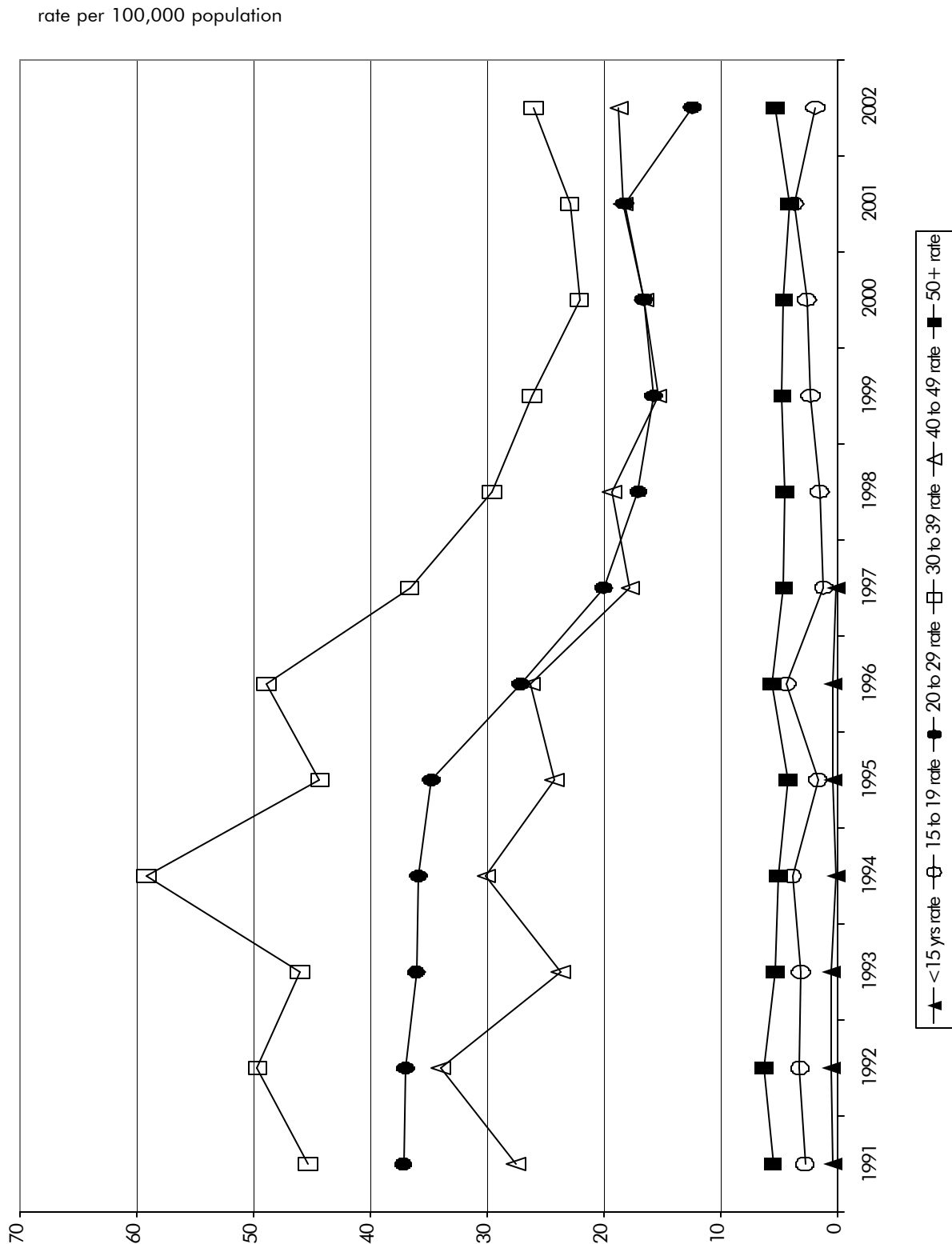
2002 figures are year-to-date

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 2002.

Graph 2.3  
Persons Testing Newly Positive for HIV by AGE and YEAR, 1991 to 2002





Graph 2.4  
 Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR,  
 1991 to 2002

number of persons testing newly positive for HIV

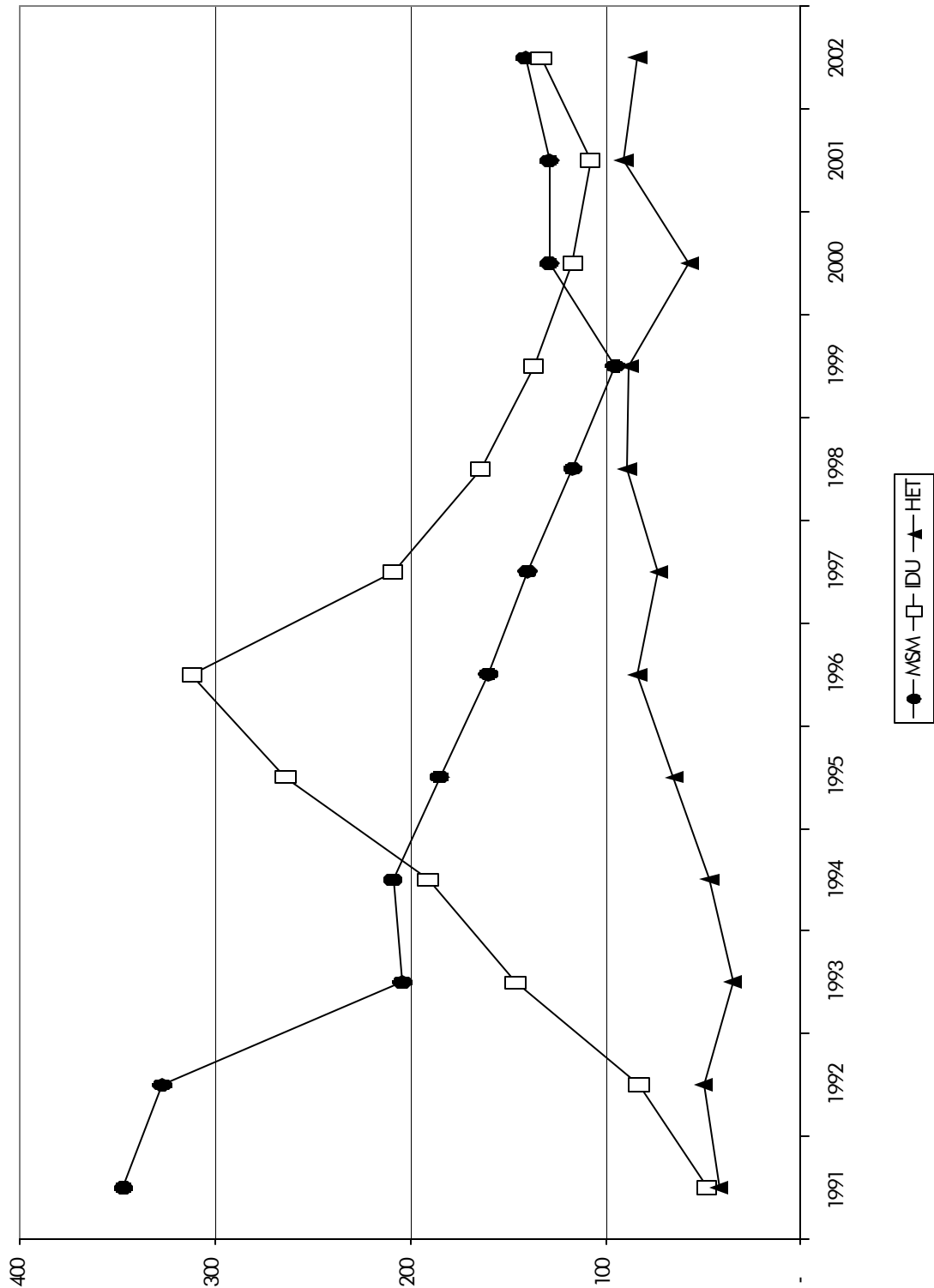


Table 2.6  
Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR - MALES,  
1996 to 2002

Risk Category	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
MSM	persons	160	140	117	95	129	129	149	4,861
	tests	4,068	3,871	3,536	3,192	3,138	2,060		55,630
MSM/IDU	persons	26	14	6	10	10	16	9	216
	tests	145	74	42	14	19	14		1,436
IDU	persons	240	155	125	93	91	81	106	1,527
	tests	3,896	2,335	2,303	1,732	1,508	1,140		32,794
heterosexual contact	persons	45	48	50	57	32	50	55	589
	tests	13,878	14,017	13,463	12,975	12,272	8,476		125,294
sex trade worker	persons	2	2		3	3			21
	tests	124	85	64	56	43	31		1,430
sex trade worker/IDU	persons	7	1	6	1	1		1	39
	tests	27	8	7	7	2	1		327
hemophiliac	persons					1			64
	tests	40	66	67	64	62	49		899
blood/BP recipient (1)	persons	3	1	2	2	4	2	4	63
	tests	728	1,125	451	231	182	125		11,848
unspecified PE (2)	persons						3	1	28
	tests	241	26	71	110	34	29		4,259
visa/employ /insurance	persons							2	12
	tests	283	347	283	252	252	222		3,162
occupational EXP (3)	persons			1		1		2	5
	tests	566	1,245	537	384	780	829		6,084
unknown	persons	56	57	60	39	46	53	10	1,773
	tests	25,617	28,332	30,387	31,499	32,217	37,396		320,875
other (4)	persons	3	1	10	14	6	9	15	77
	tests	350	219	161	167	483	672		5,893
perinatal <18 mos (5)	persons	1	2	1					15
	tests								
delayed testing (6)	persons	1	1	2	1				8
	tests	15	35	18	18	5	6		150
total:	persons	544	422	380	315	324	343	354	9,298
	tests	49,978	51,785	51,390	50,701	50,997	51,050	55,115	625,196

2002 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 2002.

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 43

Table 2.7  
Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR - FEMALES,  
1996 to 2002

Risk Category	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
WSW	persons		2		1		1		16
	tests	515	408	370	327	302	176		4,229
WSW/IDU	persons	1	1	1		1		2	12
	tests	64	34	20	8	7	2		391
IDU	persons	70	48	37	43	26	25	36	468
	tests	1,600	1,004	841	708	537	415		14,072
heterosexual contact	persons	39	24	37	31	25	40	29	350
	tests	39,054	39,493	38,818	37,666	36,221	33,160		303,793
sex trade worker	persons	1		1	2	1	1		13
	tests	187	96	142	135	103	92		2,267
sex trade worker/IDU	persons	41	14	12	12	18	10	14	215
	tests	274	125	59	51	32	15		2,663
hemophiliac	persons								1
	tests	8	17	8	3	4	5		106
blood/BP recipient (1)	persons			1	1	1			37
	tests	1,233	1,753	635	321	237	151		19,406
unspecified PE (2)	persons								13
	tests	406	17	127	248	56	49		5,791
visa/employ /insurance	persons								-
	tests	214	228	228	198	202	205		2,473
occupational EXP (3)	persons								-
	tests	1,529	2,904	1,290	980	1,706	1,698		15,094
unknown	persons	13	12	6	14	12	11	3	291
	tests	36,219	37,485	40,018	40,928	42,208	44,989		425,157
other (4)	persons	2			7	5		2	20
	tests	344	287	217	247	532	735		5,793
perinatal <18 mos (5)	persons			1					7
delayed testing (6)	persons	1							2
	tests	21	29	23	18	13	4		159
total:	persons	168	101	96	111	89	88	86	1,445
	tests	81,668	83,880	82,796	81,838	82,160	81,696	87,361	888,755

2002 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 2002

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 43

Table 2.8  
Persons Testing Newly Positive for HIV by RISK CATEGORY and YEAR-GENDER  
UNKNOWN, 1996 to 2002

Risk Category	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
MSM or WSW	persons		1						98
	tests	100	80	66	44	51	33		1,196
MSM/IDU or WSW/IDU	persons			1			1		6
	tests	9	1	2	2				51
IDU	persons	2	6	2	1		2		33
	tests	167	82	58	34	14	21		1,298
heterosexual contact	persons		1	2			1		19
	tests	2,042	1,518	1,316	964	716	841		12,564
sex trade worker	persons								1
	tests	4	5	5	-	2	2		112
sex trade worker/IDU	persons								3
	tests	6	2		1		1		69
hemophiliac	persons								3
	tests		1	3	-	1	1		24
blood/BP recipient (1)	persons								2
	tests	88	120	36	17	10	15		1,673
unspecified PE (2)	persons								2
	tests	39	3	9	10	1	3		426
visa/employ /insurance	persons								-
	tests	19	16	16	10	2	21		165
occupational EXP (3)	persons								-
	tests	133	177	63	50	54	83		812
unknown	persons	2	2	3			5	1	209
	tests	3,946	2,577	1,916	1,584	1,373	1,825		37,688
other (4)	persons								1
	tests	44	27	25	28	105	214		686
perinatal <18 mos (5)	persons								-
	tests								-
delayed testing (6)	persons								-
	tests	7	4		1	2			24
total:	persons	4	10	8	1	-	9	1	377
	tests	6,604	4,613	3,515	2,745	2,331	3,060	4,013	60,801

2002 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 2002.

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

Table 2.9  
Persons Testing Newly Positive for HIV by RISK CATEGORY AND YEAR - TOTAL,  
1996 to 2002

Risk Category	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
MSM or WSW	persons	160	143	117	96	129	130	149	4,975
	tests	4,683	4,359	3,972	3,563	3,491	2,269	-	61,055
MSM/IDU or WSW/IDU	persons	27	15	8	10	11	17	11	234
	tests	218	109	64	24	26	16	-	1,878
IDU	persons	312	209	164	137	117	108	133	2,019
	tests	5,663	3,421	3,202	2,474	2,059	1,576	-	48,164
heterosexual contact	persons	84	73	89	88	57	91	84	958
	tests	54,974	55,028	53,597	51,605	49,209	42,477	-	441,651
sex trade worker	persons	3	2	1	5	4	1	-	35
	tests	315	186	211	191	148	125	-	3,809
sex trade worker/IDU	persons	48	15	18	13	19	10	15	257
	tests	307	135	66	59	34	17	-	3,059
hemophiliac	persons						-	-	67
	tests	48	84	78	67	67	55	-	1,029
blood/BP recipient (1)	persons	3	1	3	3	5	2	4	102
	tests	2,049	2,998	1,122	569	429	291	-	32,927
unspecified PE (2)	persons						3	1	43
	tests	686	46	207	368	91	81	-	10,476
visa/employ /insurance	persons						-	2	12
	tests	516	591	527	460	456	448	-	5,800
occupational EXP (3)	persons			1	-	1	-	2	5
	tests	2,228	4,326	1,890	1,414	2,540	2,610	-	21,990
unknown	persons	71	71	69	53	58	69	14	2,273
	tests	65,782	68,394	72,321	74,011	75,798	84,210	-	783,720
other (4)	persons	5	1	10	21	11	9	17	98
	tests	738	533	403	442	1,120	1,621	-	12,372
perinatal <18 mos (5)	persons	1	2	2	-	-	-	-	22
	tests	43	68	41	37	20	10	-	333
delayed testing (6)	persons	2	1	2	1	-	-	-	10
	tests	43	68	41	37	20	10	-	333
total:	persons	716	533	484	427	413	440	441	11,120
	tests	138,250	140,278	137,701	135,284	135,488	135,806	146,489	1,574,752

2002 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 2002.

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

Table 2.10  
Persons Testing Newly Positive for HIV by ETHNICITY and YEAR - MALES,  
1996 to 2002

Ethnicity	HIV	1996	1997	1998	1999	2000	2001	2001	TOTAL
Caucasian	persons	333	263	230	205	216	240	235	2,032
	tests	19,480	22,083	22,755	21,729	20,976	17,071	10,136	145,451
First Nations	persons	68	52	35	33	35	34	34	343
	tests	1,505	1,791	1,948	1,880	1,757	1,572	958	12,427
Asian	persons	19	15	12	12	18	12	16	116
	tests	909	1,364	1,858	2,353	1,729	1,432	962	11,084
South Asian	persons	11	4	14	7	4	15	24	91
	tests	244	323	203	193	302	281	200	1,959
Inuit	persons				1	1		1	3
	tests	3	7	14	8	11	4	1	55
Metis	persons	1		4	3		3	3	18
	tests	75	90	147	159	113	100	72	801
Black	persons	11	8	16	11	10	11	12	89
	tests	304	345	335	323	326	287	188	2,271
Hispanic	persons	14	12	13	11	8	9	22	107
	tests	259	359	362	385	341	270	198	2,331
unknown	persons	86	67	53	32	32	19	7	406
	tests	27,199	25,423	23,768	23,671	25,442	30,033	42,400	229,900
total:	persons	543	421	377	315	324	343	354	3,205
	tests	49,978	51,785	51,390	50,701	50,997	51,050	55,115	406,279

2002 figures are year-to-date.

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,  
1996 to 2002

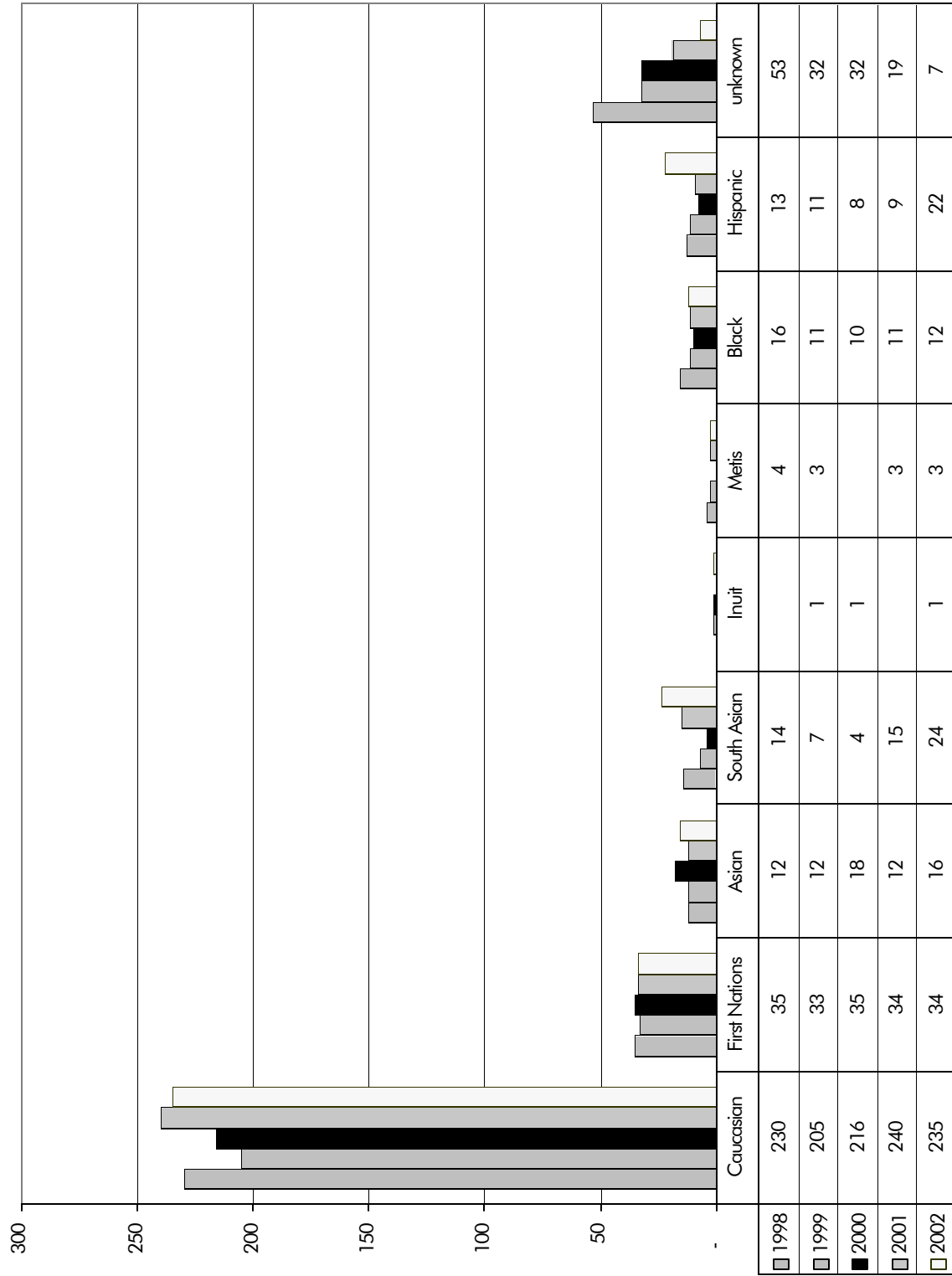
Ethnicity	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
Caucasian	persons	78	49	44	48	42	40	42	417
	tests	25,274	28,686	29,167	28,387	27,024	22,354	12,535	187,318
First Nations	persons	55	28	30	40	23	32	25	266
	tests	2,765	3,043	3,253	3,338	3,260	2,946	1,987	22,187
Asian	persons	1	1	2	1	2		4	12
	tests	2,095	3,400	4,706	5,686	4,158	3,169	1,701	25,944
South Asian	persons		2	5	2	1	1	3	19
	tests	398	467	335	351	517	456	213	3,075
Inuit	persons					1			1
	tests	13	11	18	12	15	11	7	98
Metis	persons	1	3		2			1	8
	tests	107	105	162	184	123	94	65	900
Black	persons	8	3	6	8	8	13	5	56
	tests	205	243	277	258	250	216	125	1,680
Hispanic	persons	3	1	1	1		1	2	10
	tests	173	218	205	239	267	227	142	1,566
unknown	persons	21	14	8	9	12	1	4	104
	tests	50,638	47,707	44,673	43,383	46,546	52,223	70,586	412,689
total:	persons	167	101	96	111	89	88	86	893
	tests	81,668	83,880	82,796	81,838	82,160	81,696	87,361	655,457

2002 figures are year-to-date.

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,  
 1998 to 2002





Graph 2.6  
 Persons Testing Newly Positive for HIV by ETHNICITY and YEAR - FEMALES,  
 1998 to 2002

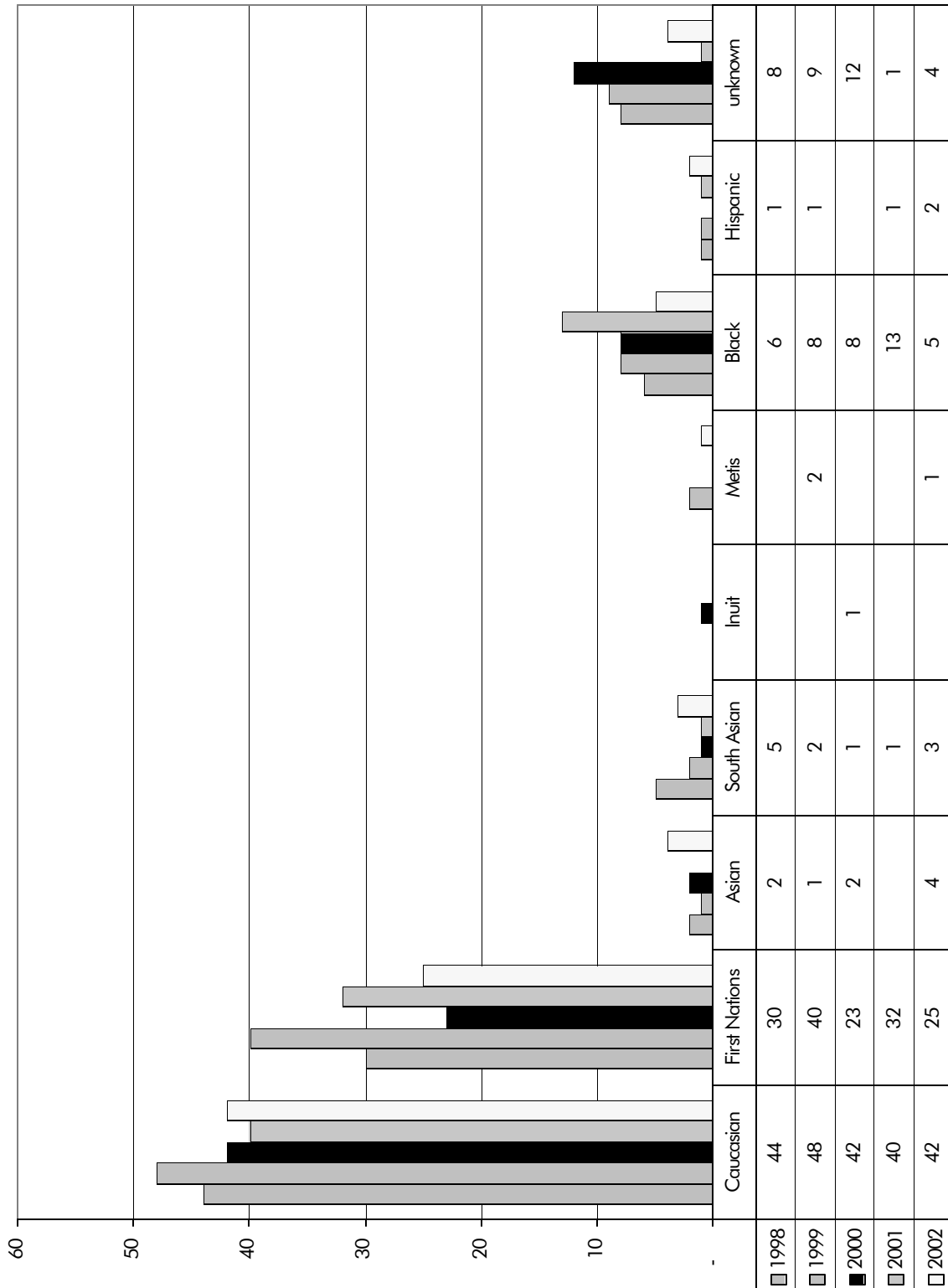


Table 2.12  
 Persons Testing Newly Positive for HIV by ETHNICITY and YEAR - GENDER  
 UNKNOWN, 1996 to 2002

Ethnicity	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
Caucasian	persons	1	4	3			6		15
	tests	1,145	956	949	662	591	731	232	6,482
First Nations	persons	1	1	2	1	-	1		7
	tests	91	78	67	76	85	56	22	542
Asian	persons								-
	tests	60	63	92	56	40	55	17	464
South Asian	persons		1						1
	tests	18	21	16	8	10	16	5	180
Inuit	persons								-
	tests				-				-
Metis	persons								-
	tests		3	7	4	3	2	1	21
Black	persons			1					1
	tests	14	16	16	11	6	11	4	91
Hispanic	persons		1						1
	tests	5	8	9	3	7	7	2	45
unknown	persons	2	3	3			2	3	15
	tests	5,271	3,468	2,359	1,925	1,589	2,182	2,009	28,352
total:	persons	4	10	9	1	-	9	3	40
	tests	6,604	4,613	3,515	2,745	2,331	3,060	2,292	36,177

2002 figures are year-to-date.

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,  
1996 to 2002

Ethnicity	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
Caucasian	persons	412	316	277	253	258	286	277	2,464
	tests	45,899	51,725	52,871	50,778	48,591	40,156	23,061	339,409
First Nations	persons	124	81	67	74	58	67	59	616
	tests	4,361	4,912	5,268	5,294	5,102	4,574	2,983	35,172
Asian	persons	20	16	14	13	20	12	20	128
	tests	3,064	4,827	6,656	8,095	5,927	4,656	2,689	37,501
South Asian	persons	11	7	19	9	5	16	27	111
	tests	660	811	554	552	829	753	420	5,216
Inuit	persons	-	-	-	1	2	-	1	4
	tests	16	18	32	20	26	15	8	153
Metis	persons	2	3	4	5	-	3	4	26
	tests	182	198	316	347	239	196	138	1,722
Black	persons	19	11	22	19	18	24	17	145
	tests	523	604	628	592	582	514	324	4,049
Hispanic	persons	17	14	14	12	8	10	24	118
	tests	437	585	576	627	615	504	343	3,943
unknown	persons	111	85	67	41	44	22	12	529
	tests	83,108	76,598	70,800	68,979	73,577	84,438	116,523	672,469
total:	persons	716	533	484	427	413	440	441	4,141
	tests	138,250	140,278	137,701	135,284	135,488	135,806	146,489	1,099,634

2002 figures are year-to-date.

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 AUTHORITY\* and YEAR, 1995 to 2002

Health Authority	H S D A	HIV	1995	1996	1997	1998	1999	2000	2001	2002	TOTAL	
Fraser	Fraser East	persons	21	16	13	17	10	21	13	13	124	
		rate	9.35	6.92	5.49	7.11	4.13	8.58	5.31	5.11		
		tests										-
	Fraser North	persons	55	56	50	42	35	50	45	55	388	
		rate	11.59	11.44	9.93	8.20	6.70	9.38	8.44	9.95		
		tests										-
	Fraser South	persons	37	45	44	40	26	17	36	36	281	
		rate	7.02	8.29	7.83	6.98	4.46	2.87	6.08	5.86		
		tests										-
Interior	East Kootenay	persons	4	2	2	1	2	1		2	14	
		rate										
		tests										-
	Kootenay Boundary	persons	3	10	3	1	1	1	5	2	26	
		rate	3.74	12.25	3.68	1.23	1.23	1.24	6.21	2.51		
		tests										-
	Okanagan	persons	15	15	8	14	8	18	11	10	99	
		rate	5.20	5.08	2.66	4.60	2.61	5.84	3.57	3.21		
		tests										-
Northern	Thompson Cariboo Shuswap	persons	6	8	7	13	7	6	14	7	68	
		rate	2.89	3.74	3.24	6.01	3.25	2.76	6.45	3.23		
		tests										-
	Northeast	persons		1				2			3	
		rate		1.55				3.12				
		tests										-
	Northern Interior	persons	6	3	7	3	7	3	9	10	48	
		rate	3.95	1.93	4.46	1.93	4.55	1.96	5.87	6.61		
		tests										-
	Northwest	persons	5	1	1	2	3	1	1		14	
		rate	5.65	1.11	1.11	2.25	3.42	1.19	1.19		16.52	
		tests										-

2002 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 1995 to year-to-date 2002.

\*HEALTH AUTHORITY- 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 AUTHORITY\* and YEAR, 1995 to 2002

Health Authority	H S D A	HIV	1995	1996	1997	1998	1999	2000	2001	2002	TOTAL
Vancouver Coastal	North Shore/Coast Garibaldi	persons	9	20	15	13	12	11	12	10	102
		rate	3.61	7.84	5.75	4.94	4.54	4.15	4.53	3.72	
		tests									
	Richmond	persons	6	8	6	5	11	4	6	9	55
		rate	4.02	5.16	3.75	3.05	6.59	2.36	3.55	5.15	
		tests									
	Vancouver	persons	470	473	334	277	256	236	239	233	2,518
		rate	88.53	86.60	60.00	49.15	44.85	40.82	41.34	39.38	
		tests									
Vancouver Island	Central Vancouver Island	persons	12	14	16	9	14	13	9	11	98
		rate	5.25	6.00	6.75	3.78	5.87	5.45	3.77	4.56	
		tests									
	North Vancouver Island	persons	4	9	2	4	3	2	3	6	33
		rate	3.51	7.71	1.70	3.40	2.59	1.75	2.62	5.25	
		tests									
	South Vancouver Island	persons	39	35	23	42	31	27	37	37	271
		rate	11.86	10.55	6.86	12.48	9.18	7.97	10.92	10.86	
		tests									
unknown	unknown	persons			2	1	1				4
		tests									
total:	total:	persons	692	716	533	484	427	413	440	441	4,146
		rate	18.29	18.44	13.46	12.11	10.60	10.17	10.73	10.65	
		tests	-	-	-	-	-	-	-	-	-

2002 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 1995 to year-to-date 2002.

\*HEALTH AUTHORITY- An HIV positive test report is designated to the appropriate HEALTH AUTHORITY 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,  
1996 to 2002

Specimen Source	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
private physician	persons	337	278	232	233	256	292	239	5,006
	tests	109,830	109,244	104,029	102,851	105,750	105,634	116,469	1,169,516
hospital	persons	115	78	82	52	84	77	110	1,652
	tests	17,612	19,147	21,069	21,407	20,728	21,477	22,231	210,692
STD/A TEC Clinic (7)	persons	23	19	13	20	8	19	9	338
	tests	3,066	3,164	3,024	2,950	3,504	1,880	2,527	37,963
STD/AIDS Outreach (8)	persons	93	65	53	47	44	32	30	860
	tests	3,023	3,101	3,358	3,135	2,478	1,981	1,620	33,826
health unit	persons	17	3	12	4	1	3	9	156
	tests	4,712	5,557	6,110	4,919	3,004	3,436	2,818	48,753
Red Cross referral	persons								7
	tests	1							88
unknown	persons	3	3	4	3	1			19
	tests	6	65	111	22	24	1,398	824	2,575
VIDUS study (9)	persons	69	32	21	18	13	1	3	157
downtown clinics (10)	persons	44	40	40	36	2	11	38	252
corrections (11)	persons	15	15	27	14	4	5	3	103
total:	persons	716	533	484	427	413	440	441	8,550
	tests	138,250	140,278	137,701	135,284	135,488	135,806	146,489	1,503,413

2002 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 2002.

*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 43

## 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, 1992 to 2001

HIV	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	TOTAL
maternal AB	10	15	17	24	19	17	16	21			161
true infection	2	4	5	2	1	2	2	-			22

Maternal AB - maternal antibody

TOTAL column to far right is cumulative from 1989 to year-to-date 2001.

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.

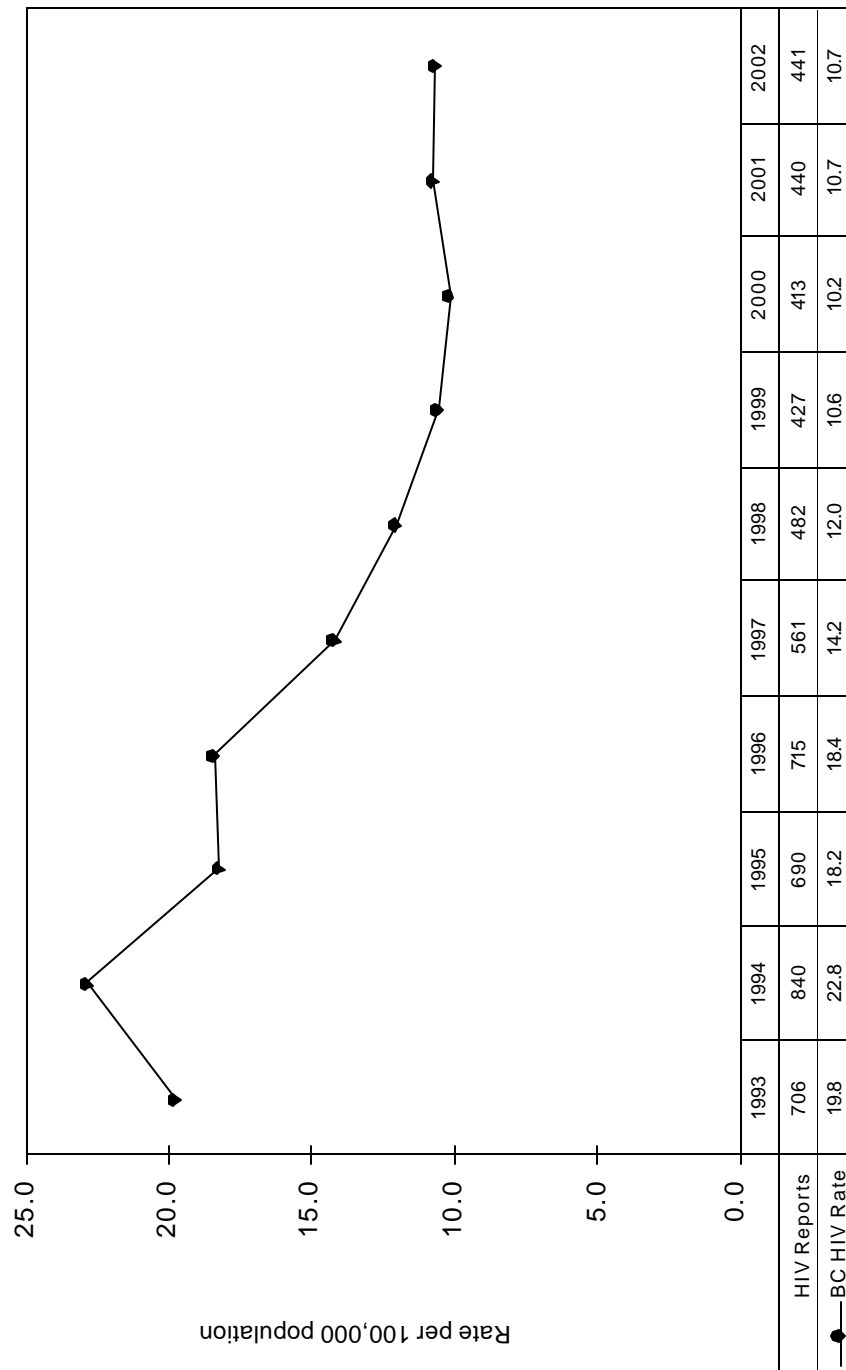
Please note that the pregnant women who have tested positive for HIV are included in Table 2.7 - Persons Testing Newly Positive for HIV by Risk Category in accordance to their risk (e.g.

Table 2.17  
Women Testing Newly Positive for HIV - PRENATAL SCREENING, 1996 to 2002

Gender	HIV	1996	1997	1998	1999	2000	2001	2002	TOTAL
male	persons			1			1		2
	tests	381	489	443	609	732	164	79	3,002
female	persons	11	5	7	3	4	18	3	65
	tests	21,642	23,662	23,509	23,567	23,408	23,618	12,424	167,622
unknown	persons								-
	tests	1,093	686	581	440	354	471	261	5,413
total:	persons	11	5	8	3	4	19	3	67
	tests	23,116	24,837	24,533	24,616	24,494	24,253	12,764	176,037

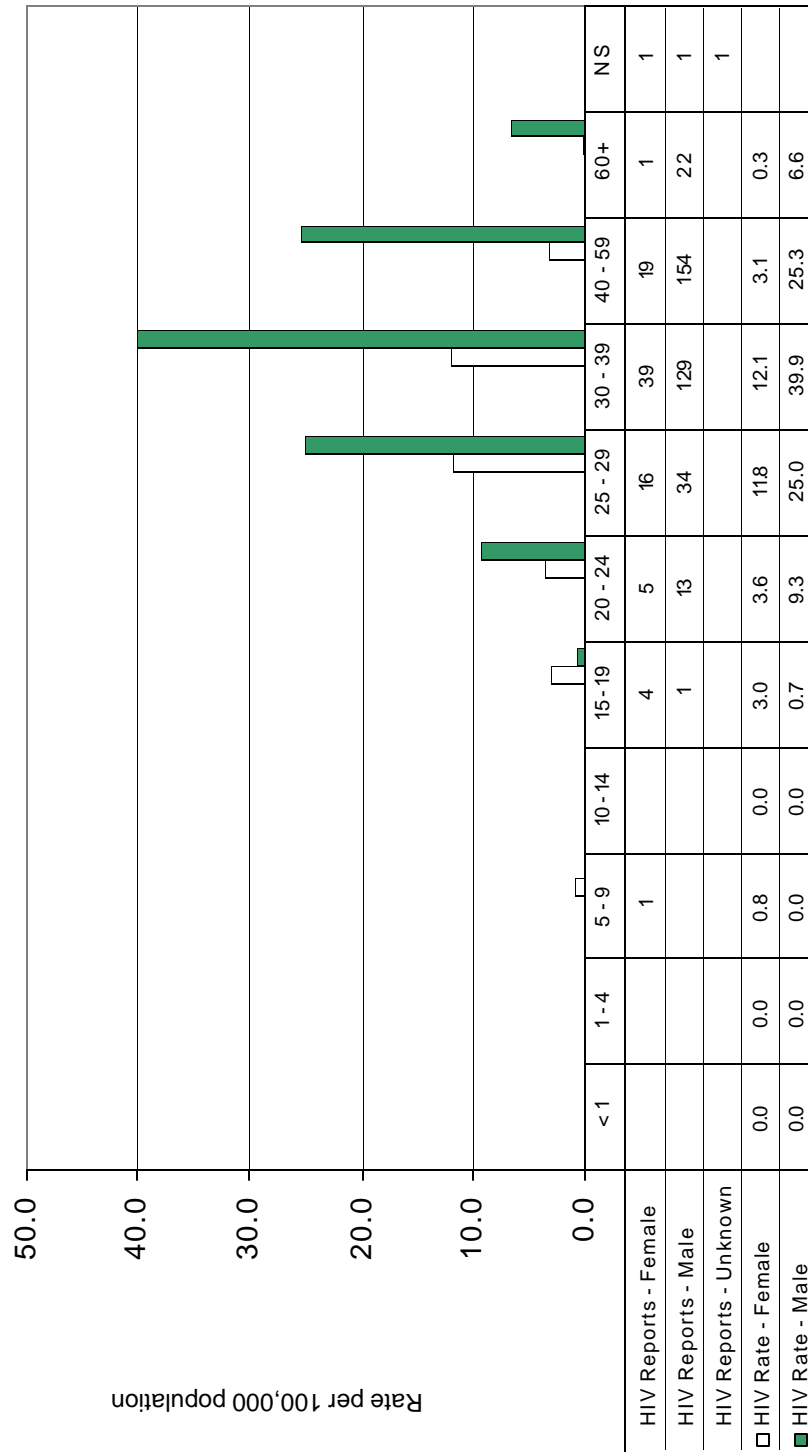
2002 figures are year-to-date.

Graph 2.7  
 Persons Testing Newly Positive for HIV by YEAR for BC, 1993-2002  
 rate per 100,000 population

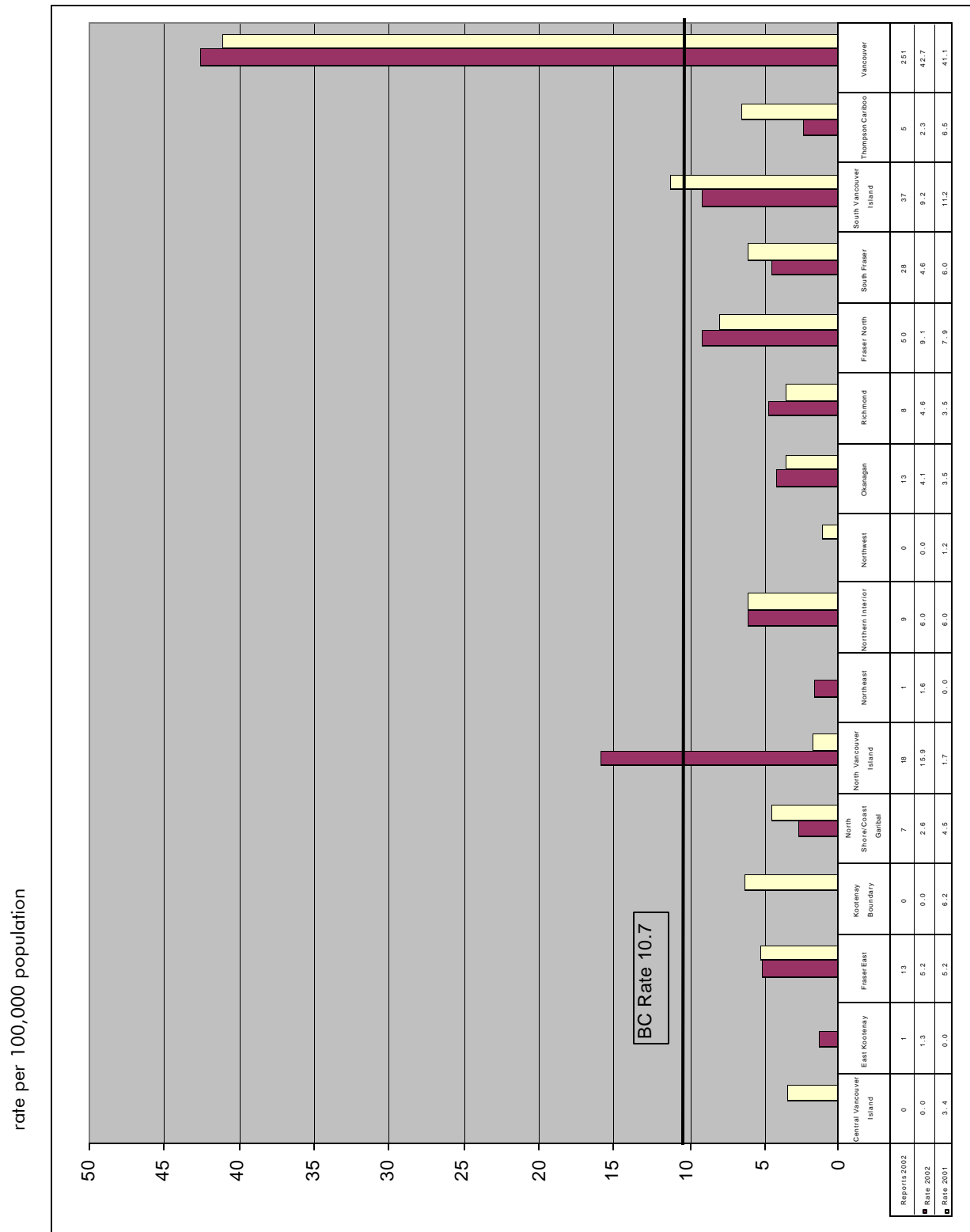




Graph 2.8  
Persons Testing Newly Positive for HIV by AGE and GENDER, 2002



Graph 2.9  
Persons Testing Newly Positive for HIV by HEALTH REGION, 2002



## 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-
(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
(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> occupa-
(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
(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 de-

No.	Specimen Source	Footnote
(7)	STD/A TEC Clinic	Both the STD and ATEC Clinic are located at 655 West 12 <sup>th</sup> Avenue in Vancouver.
(8)	STD/AIDS Outreach	HIV testing is done at various sites in the Lower Mainland (e.g. jails, outreach clinics, detoxification centres) by outreach nurses
(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
(10)	downtown clinics	The downtown clinics provide medical, dental, pharmaceutical, nutritional, and other health care services to residents of Vancou-
(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