



The Hong Kong STD/AIDS update is a composite report on HIV/AIDS reporting and STI caseload statistics published 3 monthly. The current issue has the updated information up to March 2009.

SPP Surveillance Team:

Dr. Darwin MAK

Ms Sau Ling CHENG

Correspondence to:

Special Preventive Programme,

Centre for Health Protection, Department of Health

c/o Red Ribbon Centre, 2/F Wang Tau Hom Jockey Club Clinic,

200 Junction Road East, Kowloon, Hong Kong

Tel: (852) 2304 6268 Fax: (852) 2338 0534

E-mail: aids@dh.gov.hk

List of Tables / Figures

	Page no.
1 Number of HIV/AIDS reported	4 – 7
Table 1.1 Summary table on the reported number of HIV/AIDS	
Chart 1.1 Number of HIV/AIDS reported	
2 Gender distribution of reported HIV/AIDS	8 – 13
Table 2.1 Gender distribution of reported HIV	
Chart 2.1 Gender distribution of reported HIV by quarter	
Chart 2.2 Gender distribution of reported HIV by year	
Table 2.2 Gender distribution of reported AIDS	
Chart 2.3 Gender distribution of reported AIDS by quarter	
Chart 2.4 Gender distribution of reported AIDS by year	
3 Ethnicity of reported HIV/AIDS	14 – 17
Table 3.1 Distribution of ethnicity of reported HIV	
Chart 3.1 Distribution of ethnicity of reported HIV	
Table 3.2 Distribution of ethnicity of reported AIDS	
Chart 3.2 Distribution of ethnicity of reported AIDS	
4 Age distribution of reported HIV/AIDS	18 – 23
Table 4.1 Age distribution of reported HIV	
Chart 4.1 Age distribution of reported HIV	
Chart 4.2 Age group & gender of total reported HIV	
Table 4.2 Age distribution of reported AIDS	
Chart 4.3 Age distribution of reported AIDS	
Chart 4.4 Age group & gender of total reported AIDS	
5 Exposure categories of reported HIV/AIDS	24 - 27
Table 5.1 Exposure categories of reported HIV	
Chart 5.1 Exposure categories of reported HIV	
Table 5.2 Exposure categories of reported AIDS	
Chart 5.2 Exposure categories of reported AIDS	

	Page no.
6 Ratio (heterosexual : homosexual / bisexual) of sexually acquired HIV infection in men	28 – 29
Table 6.1 Ratio of sexually acquired infection in men with reported HIV/AIDS (heterosexual : homo / bisexual) by quarter	
Table 6.2 Ratio of sexually acquired infection in men with reported HIV/AIDS (heterosexual : homo / bisexual) by year	
7 Injecting drug users in reported HIV/AIDS	30 – 31
Table 7.1 Injecting drug users in reported HIV/AIDS	
Table 7.2 Number of injecting drug user in reported HIV/AIDS by year	
8 Source of referral of reported HIV/AIDS	32 – 35
Table 8.1 Source of referral of reported HIV	
Chart 8.1 Source of referral of reported HIV	
Table 8.2 Source of referral of reported AIDS	
Chart 8.2 Source of referral of Reported AIDS	
9 Distribution of AIDS defining illnesses	36 – 38
Table 9.1 Distribution of AIDS defining illness of reported AIDS	
Chart 9.1 AIDS defining illness of total reported AIDS	
Chart 9.2 AIDS defining illness of reported AIDS by year	
10 Reported sexually transmitted infections (STIs) diagnosed in Social Hygiene Service	39 – 40
Table 10.1 Summary table on the reported STIs diagnosed in Social Hygiene Service	
11 Gender distribution of reported STIs	41 – 43
Table 11.1 Gender distribution of selected STI reported by Social Hygiene Service	
Table 11.2 Gender distribution of reported STI by clinic	
12 Clinic distribution	44 – 45
Chart 12.1 Number of male client reported in Q1 2009 by clinic	
Chart 12.2 Number of female client reported in Q1 2009 by clinic	

1. Number of HIV/AIDS reported

Table 1.1 Summary table on the reported number of HIV/AIDS

	This quarter (Jan - Mar 2009)		Last quarter (Oct - Dec 2008)		Same quarter last year (Jan - Mar 2008)		Cumulative (1984 – Mar 2009)	
	HIV	AIDS	HIV	AIDS	HIV	AIDS	HIV	AIDS
Sex								
Male	80	14	85	27	70	14	3,347	895
Female	24	3	21	5	19	3	804	152
Ethnicity/race								
Chinese	57	10	66	27	56	12	2,764	813
Non Chinese	47	7	40	5	33	5	1,387	234
<i>Asian</i>	17	6	16	3	21	5	716	152
<i>White</i>	6	1	10	1	4	0	301	70
<i>Black</i>	1	0	2	1	0	0	60	11
<i>Others</i>	23	0	12	0	8	0	310	1

(to be cont'd)

Table 1.1 (cont'd)

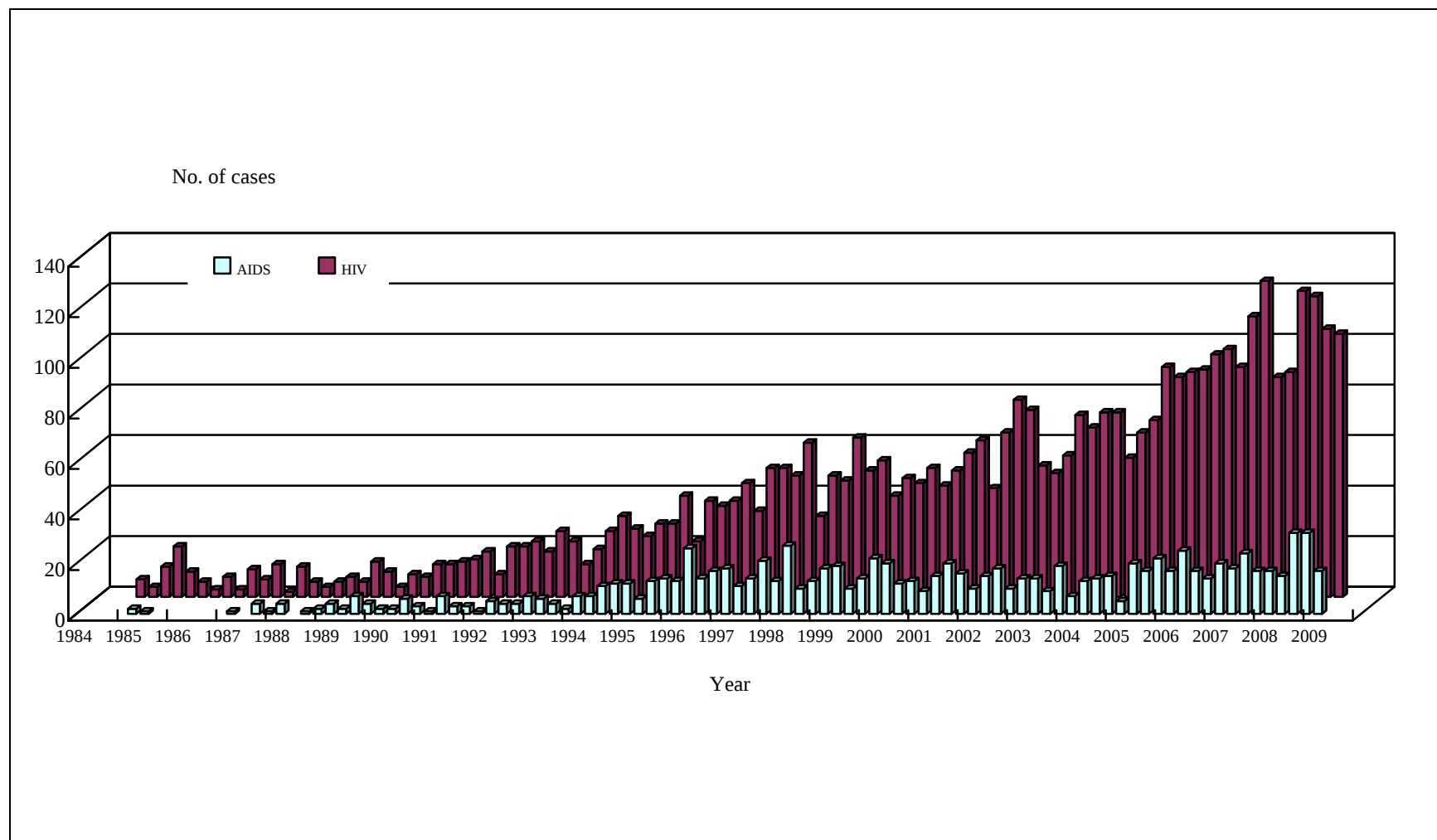
	This quarter (Jan - Mar 2009)		Last quarter (Oct - Dec 2008)		Same quarter last year (Jan - Mar 2008)		Cumulative (1984 – Mar 2009)	
	HIV	AIDS	HIV	AIDS	HIV	AIDS	HIV	AIDS
Age at diagnosis								
Adult	102	17	106	32	89	17	4,108	1,037
Child (age 13 or less)	2	0	0	0	0	0	43	10
Exposure category								
Heterosexual	25	7	31	19	31	9	1,900	656
Homosexual	38	6	39	10	28	5	1,015	205
Bisexual	2	1	5	2	6	0	167	41
Injecting drug use	2	1	7	0	9	3	261	44
Blood / blood product infusion	0	0	0	1	0	0	78	24
Perinatal	2	0	0	0	0	0	22	6
Undetermined	35	2	24	0	15	0	708	71

(to be cont'd)

Table 1.1 (Cont'd)

	This quarter (Jan - Mar 2009)		Last quarter (Oct - Dec 2008)		Same quarter last year (Jan - Mar 2008)		Cumulative (1984 – Mar 2009)	
Source of referral	HIV	AIDS	HIV	AIDS	HIV	AIDS	HIV	AIDS
Public hospitals / clinics / laboratories	41	12	37	24	33	14	1,831	761
Private hospitals / clinics / laboratories	20	3	23	6	18	3	917	159
Social Hygiene Clinics	17	0	15	1	19	0	594	44
AIDS service organisations (AIDS Unit + NGOs)	22	2	26	1	13	0	648	73
Hong Kong Red Cross Blood Transfusion Service	3	0	2	0	4	0	92	9
Drug rehabilitation services	1	0	3	0	2	0	69	1
Total	104	17	106	32	89	17	4,151	1,047

Chart 1.1 Number of HIV/AIDS reported



2. Gender distribution of reported HIV/AIDS

Table 2.1 Gender distribution of reported HIV

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
Male	80	85	70	3,347
Female	24	21	19	804
Total	104	106	89	4,151

Chart 2.1 Gender distribution of reported HIV by quarter

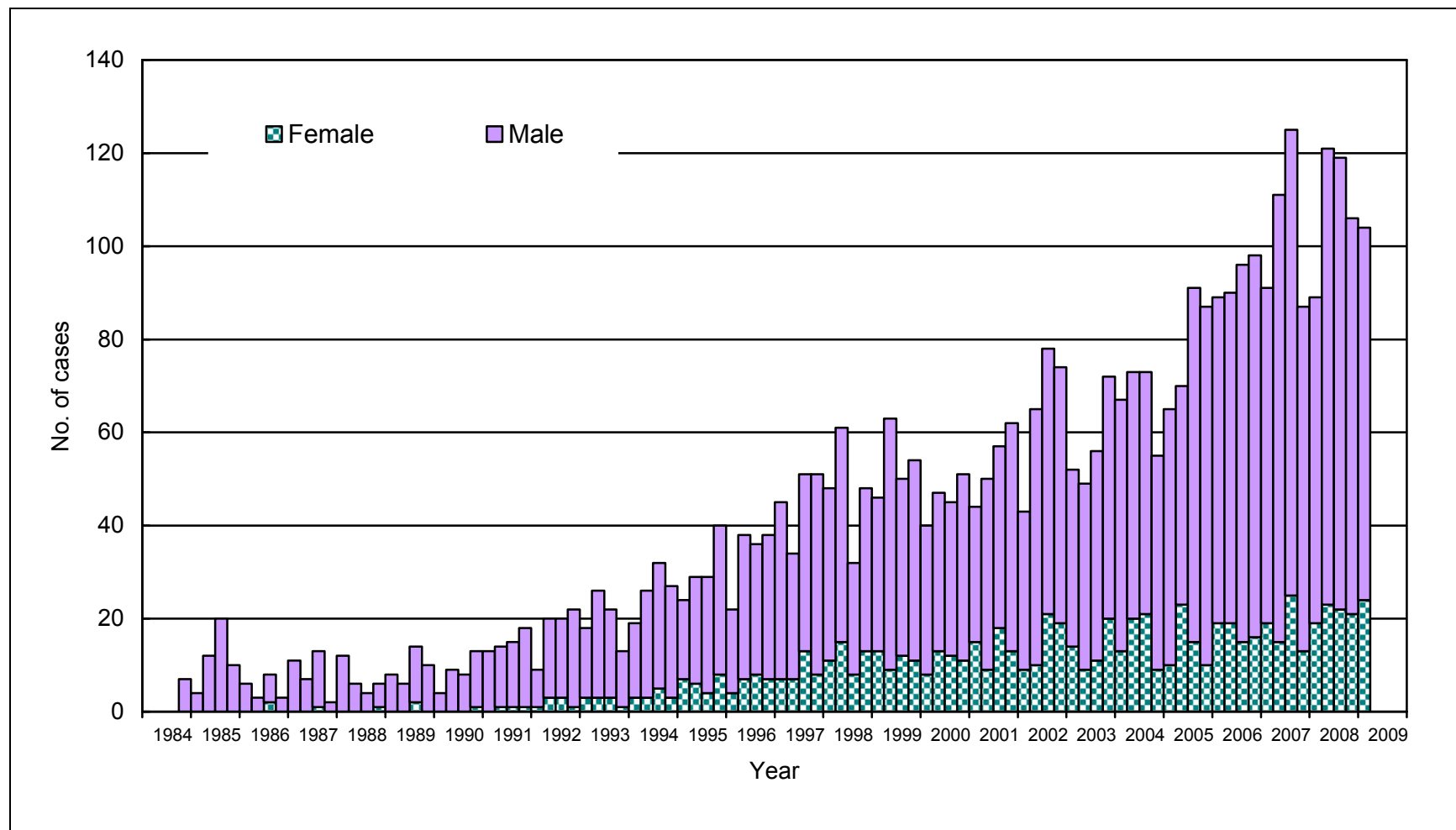


Chart 2.2 Gender distribution of reported HIV by year

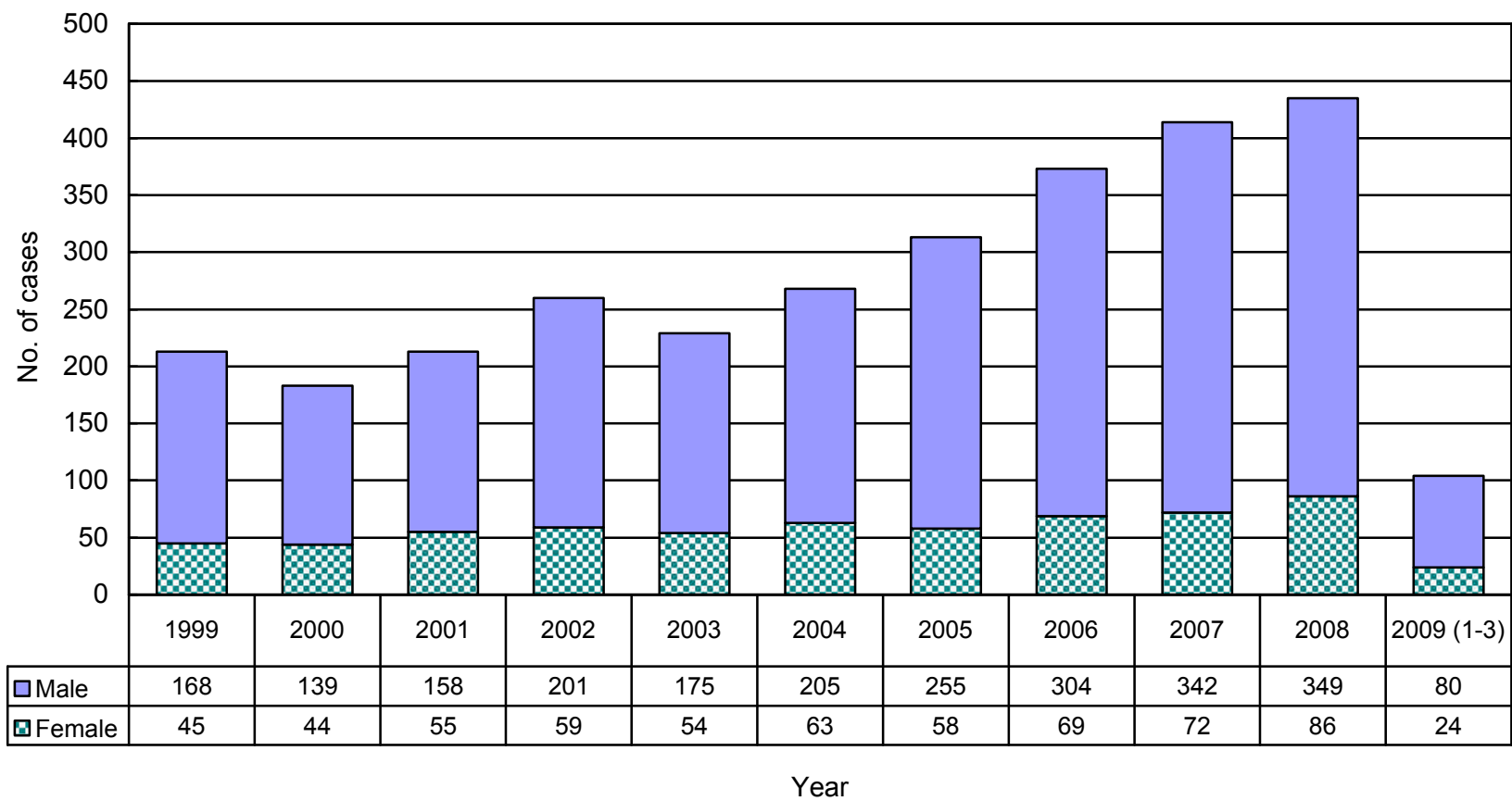


Table 2.2 Gender distribution of reported AIDS

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
Male	14	27	14	895
Female	3	5	3	152
Total	17	32	17	1,047

Chart 2.3 Gender distribution of reported AIDS by quarter

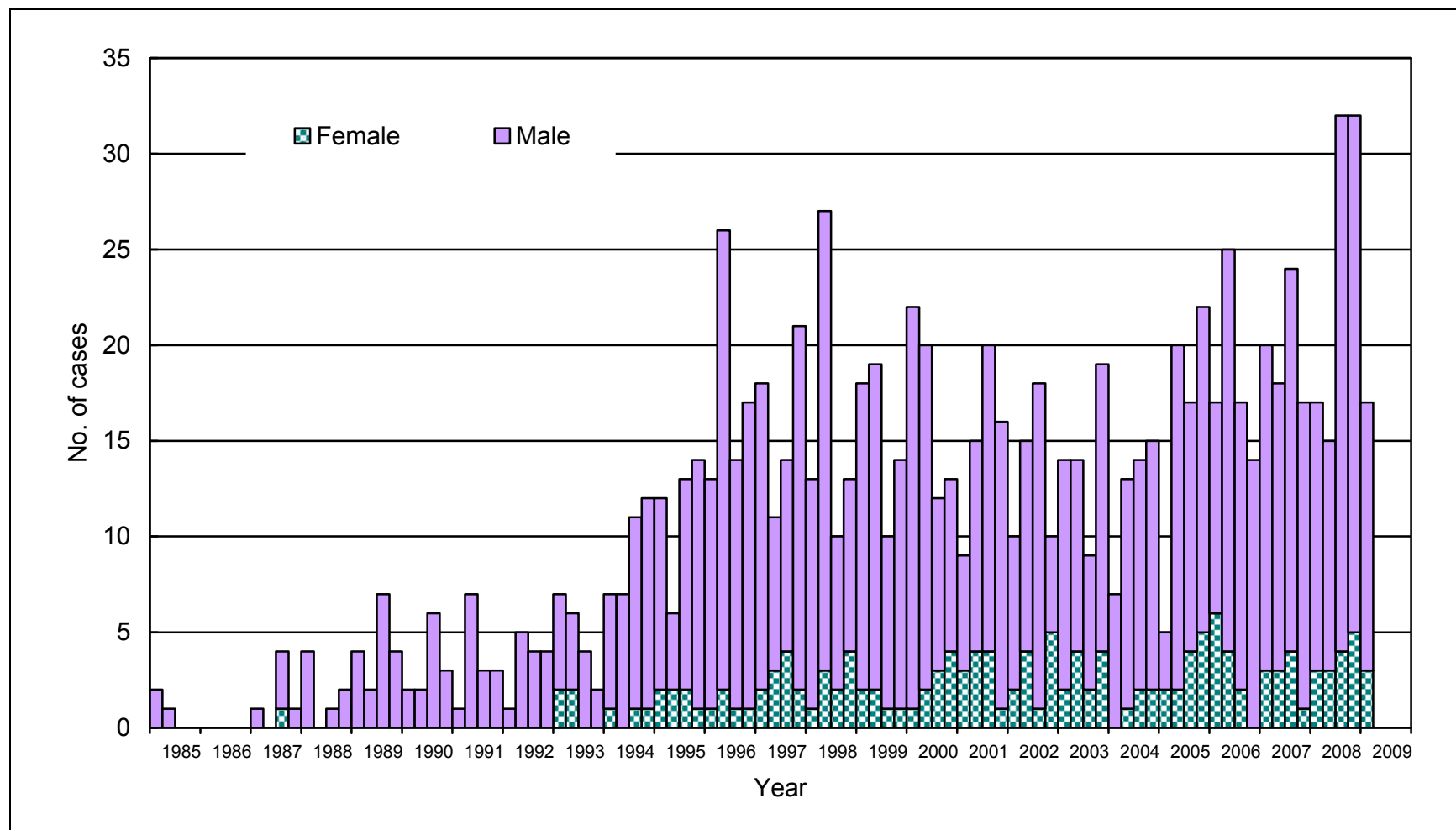
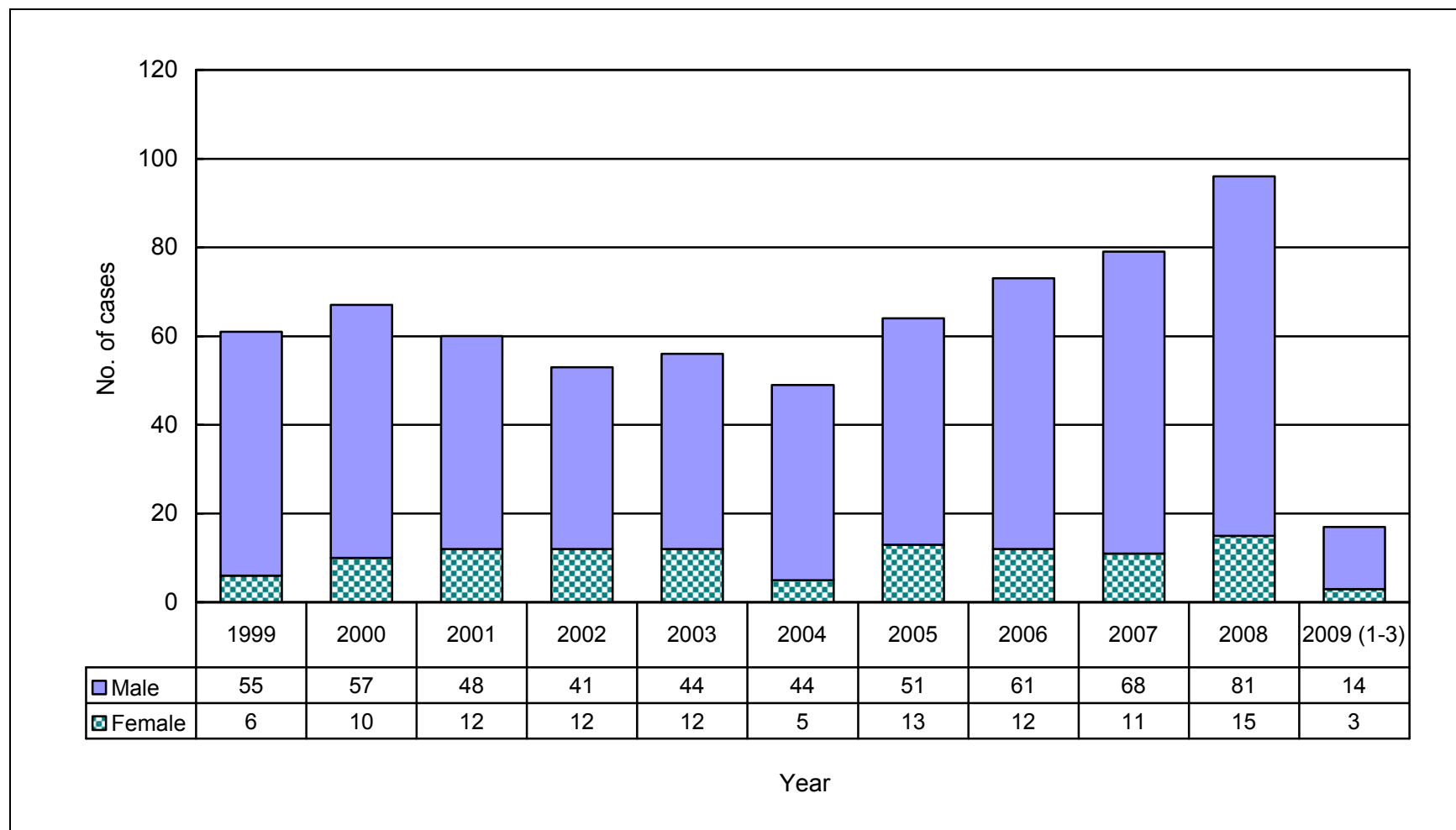


Chart 2.4 Gender distribution of reported AIDS by year



3. Ethnicity of reported HIV/AIDS

Table 3.1 Distribution of ethnicity of reported HIV

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
Chinese	57	66	56	2,764
Non Chinese	47	40	33	1,387
<i>Asian</i>	17	16	21	716
<i>White</i>	6	10	4	301
<i>Black</i>	1	2	0	60
<i>Others</i>	23	12	8	310
Total	104	106	89	4,151

Chart 3.1 Distribution of ethnicity of reported HIV

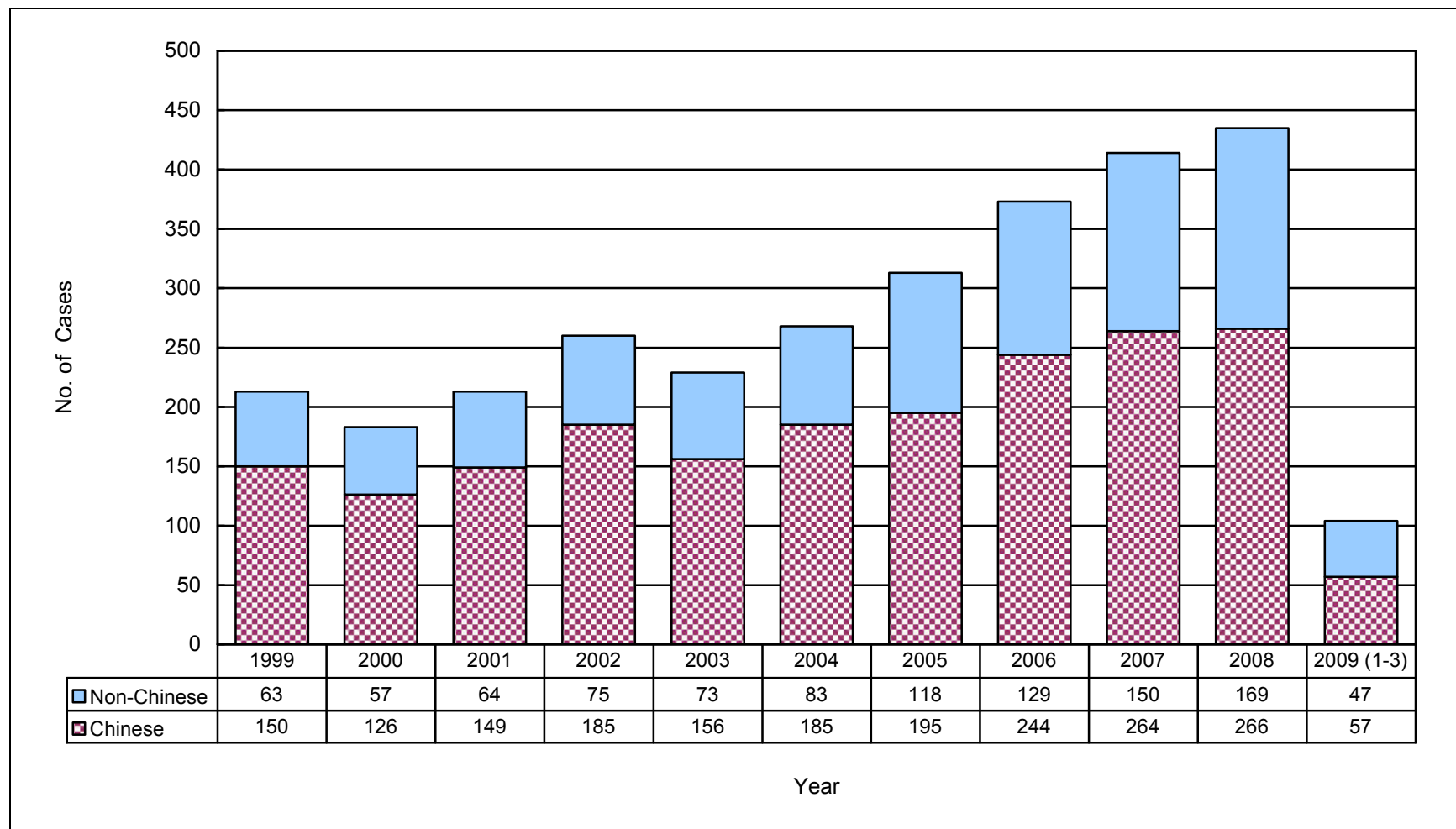
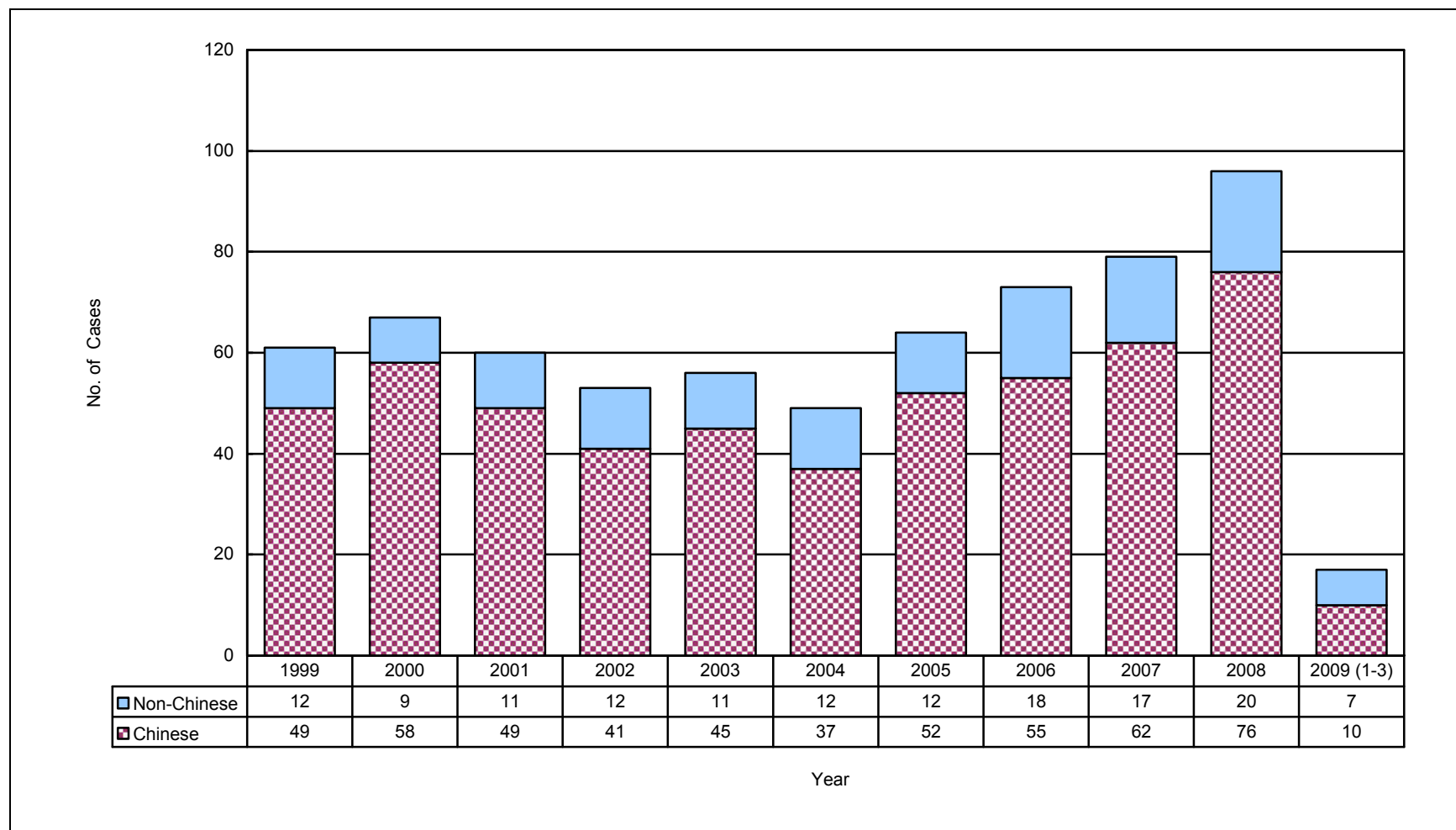


Table 3.2 Distribution of ethnicity of reported AIDS

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
Chinese	10	27	12	813
Non Chinese	7	5	5	234
<i>Asian</i>	6	3	5	152
<i>White</i>	1	1	0	70
<i>Black</i>	0	1	0	11
<i>Others</i>	0	0	0	1
Total	17	32	17	1,047

Chart 3.2 Distribution of ethnicity of reported AIDS



4. Age distribution of reported HIV/AIDS

Table 4.1 Age distribution of reported HIV

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
Adult	102	106	89	4,108
Child (age 13 or less)	2	0	0	43
Total	104	106	89	4,151

Chart 4.1 Age distribution of reported HIV

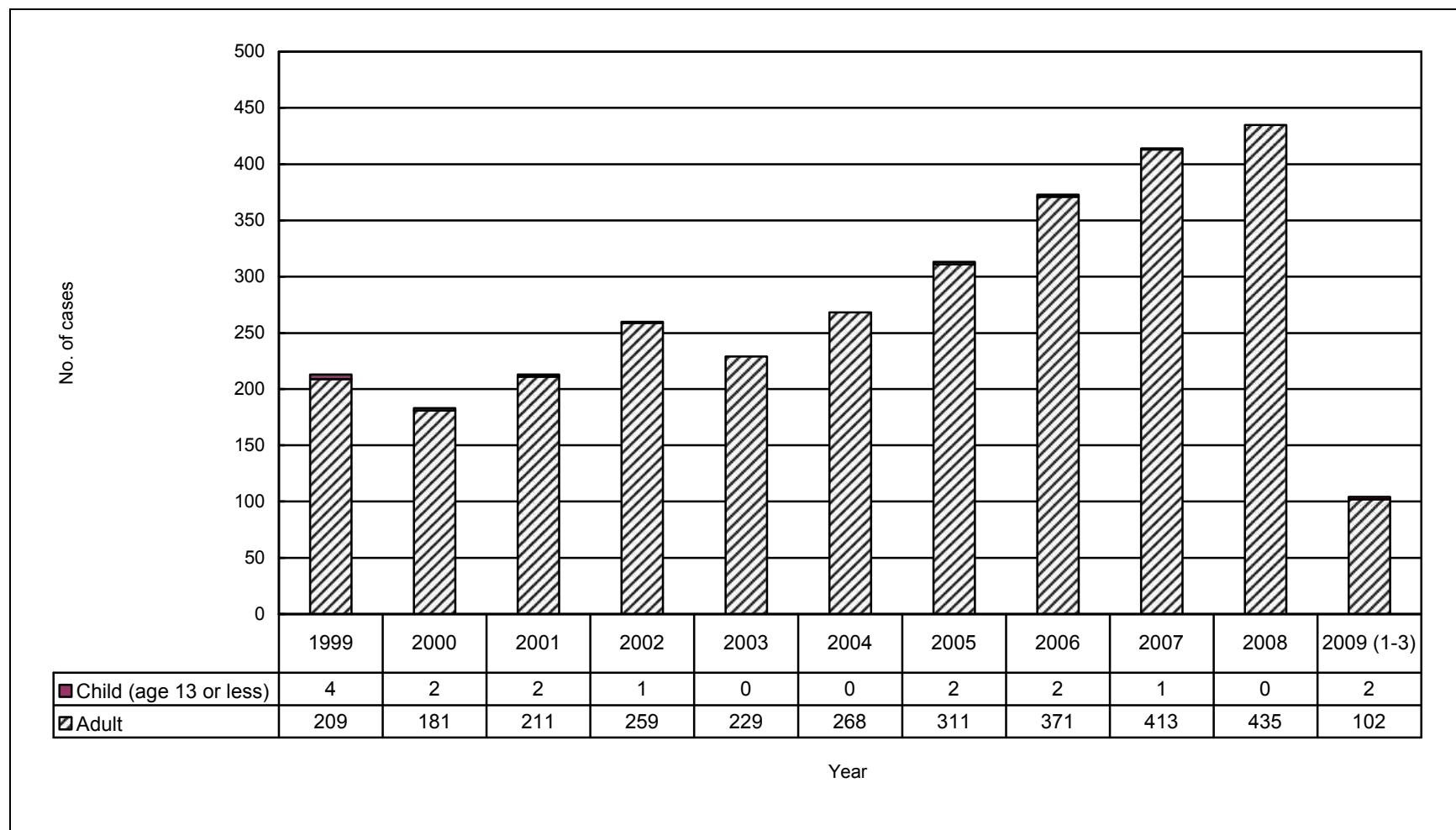


Chart 4.2 Age group & gender of total reported HIV

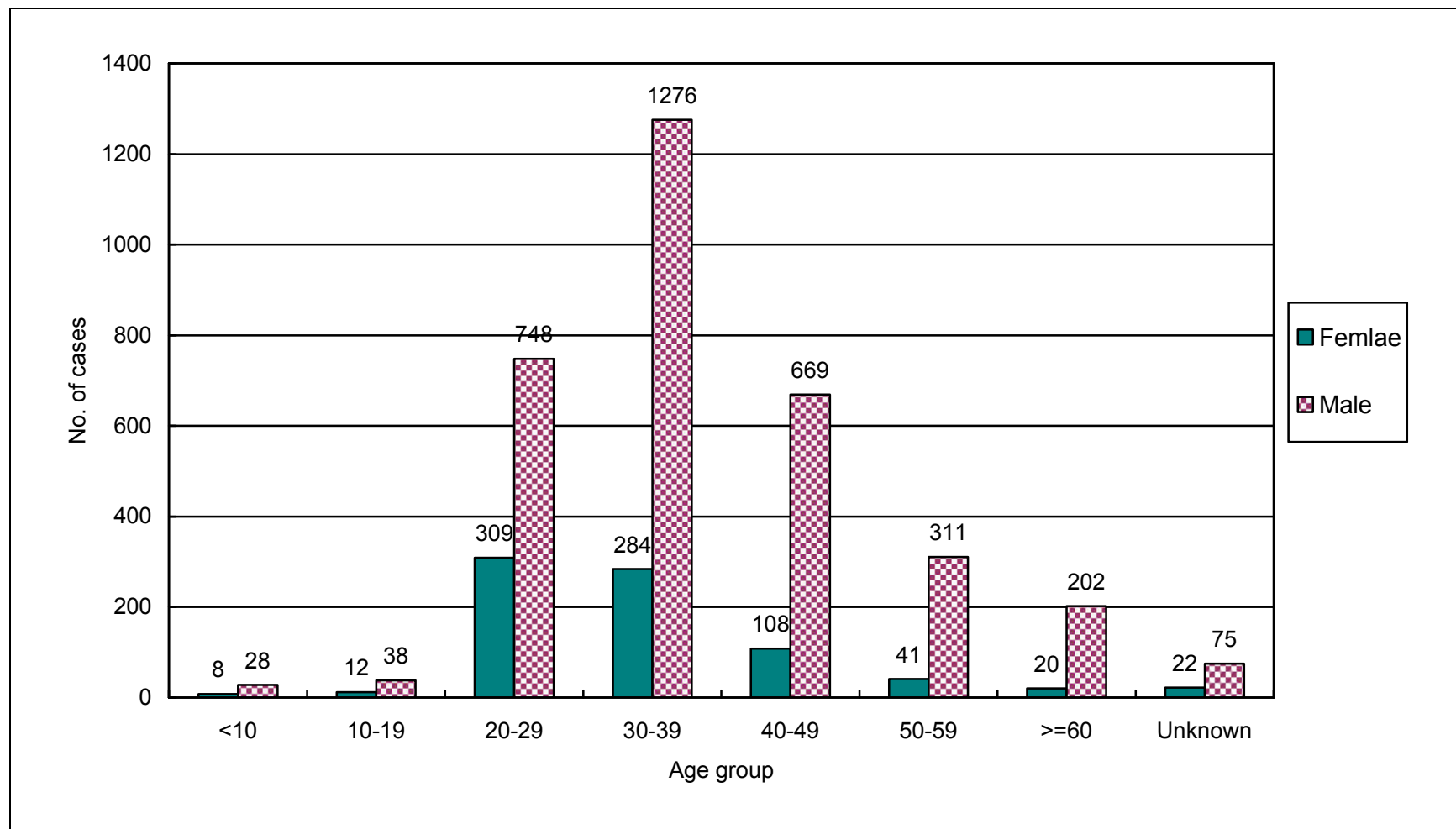


Table 4.2 Age distribution of reported AIDS

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
Adult	17	32	17	1,037
Child (age 13 or less)	0	0	0	10
Total	17	32	17	1,047

Chart 4.3 Age distribution of reported AIDS

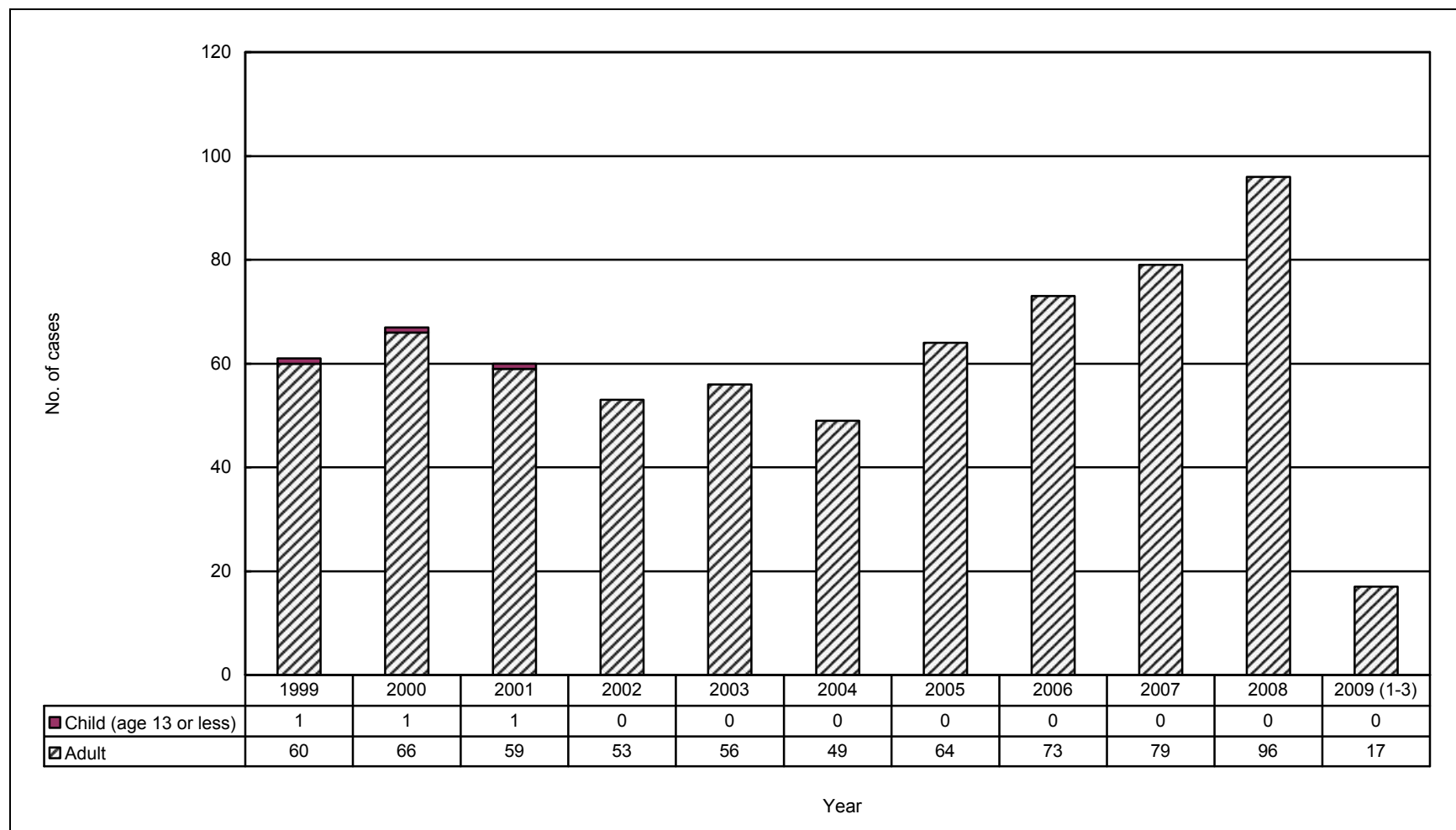
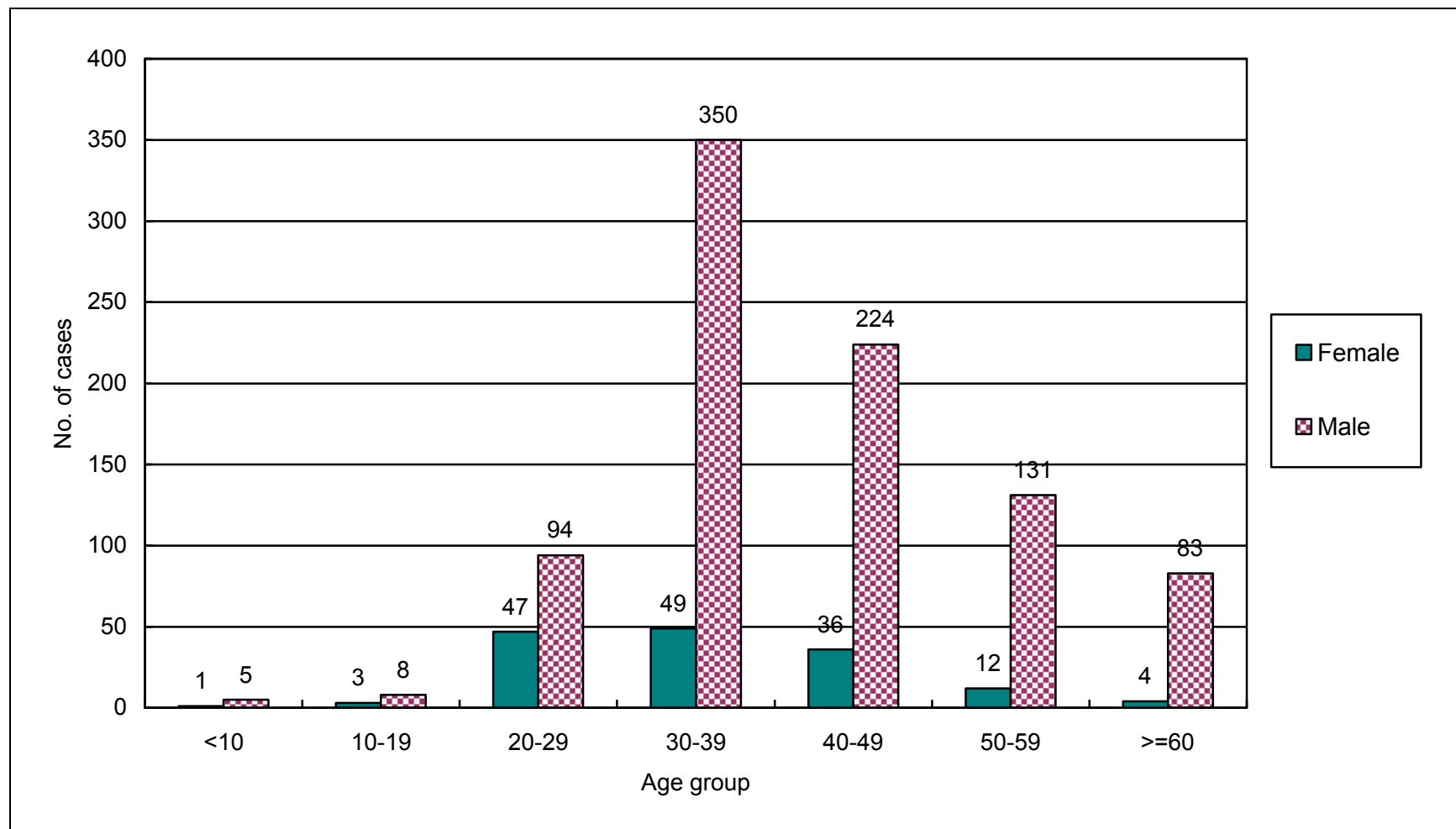


Chart 4.4 Age group & gender of total reported AIDS



5. Exposure categories of reported HIV/AIDS

Table 5.1 Exposure categories of reported HIV

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
Heterosexual	25	31	31	1,900
Homosexual	38	39	28	1,015
Bisexual	2	5	6	167
Injecting drug use	2	7	9	261
Blood / blood product infusion	0	0	0	78
Perinatal	2	0	0	22
Undetermined	35	24	15	708
Total	104	106	89	4,151

Chart 5.1 Exposure categories of reported HIV

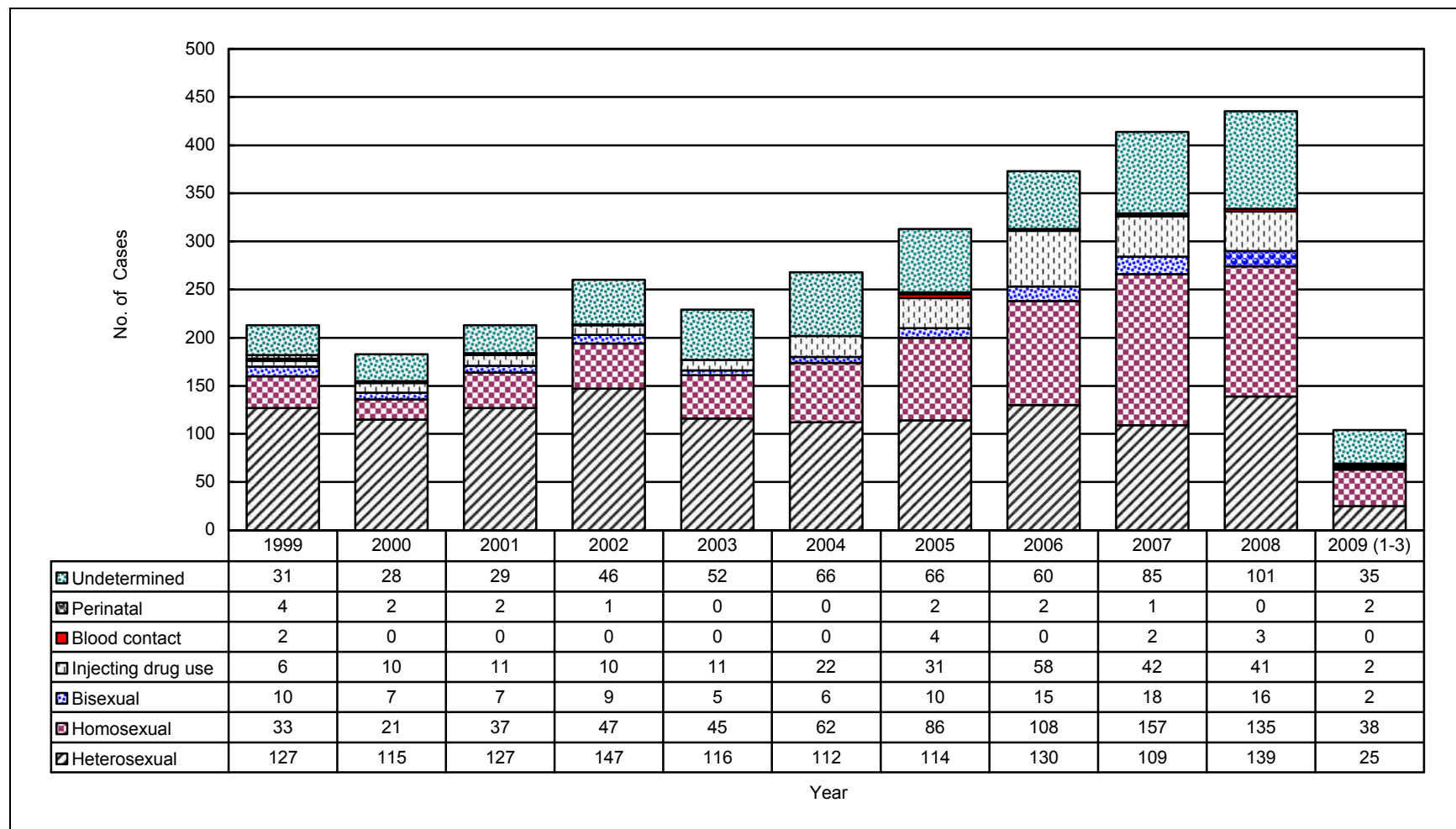
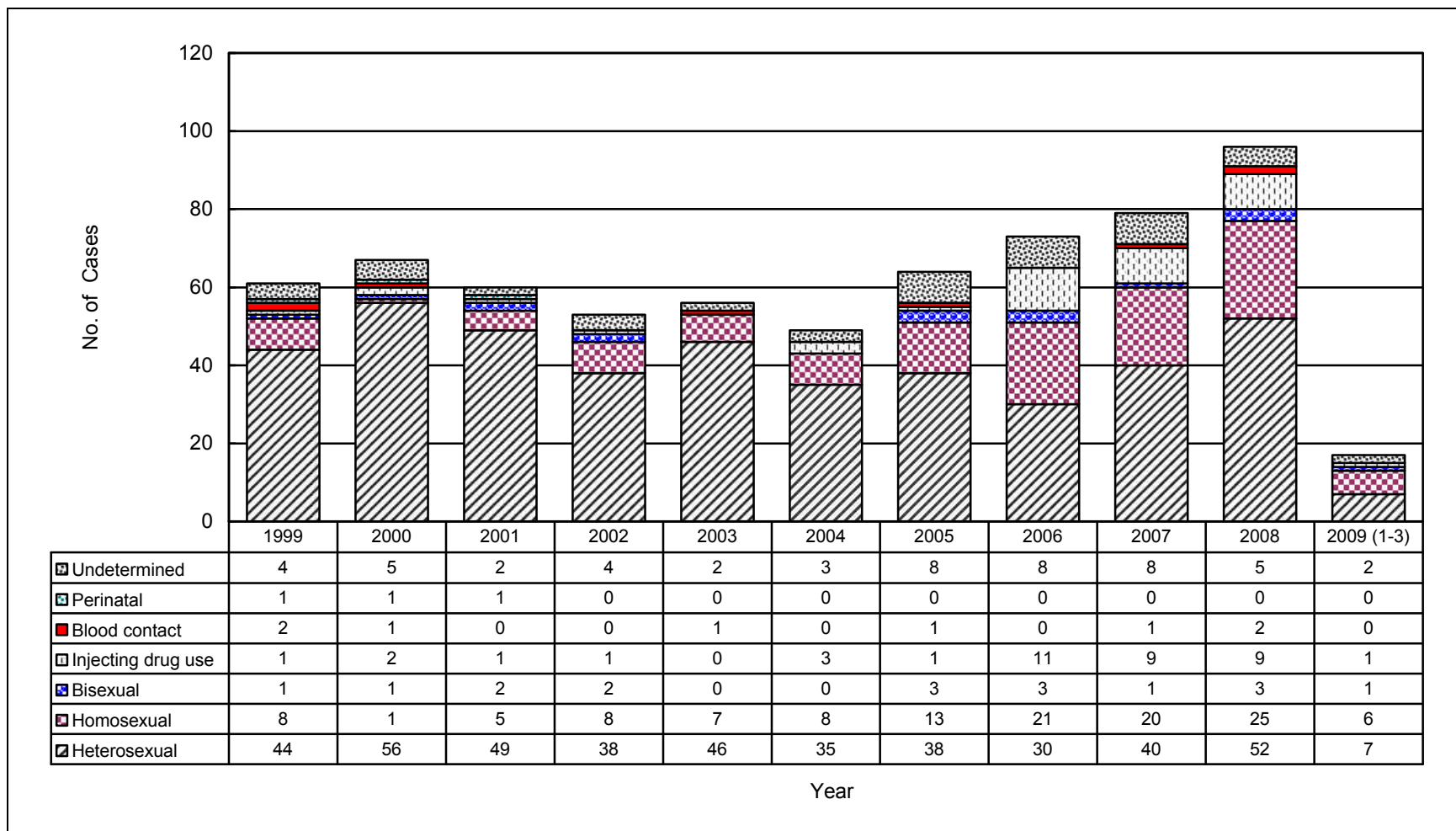


Table 5.2 Exposure categories of reported AIDS

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
Heterosexual	7	19	9	656
Homosexual	6	10	5	205
Bisexual	1	2	0	41
Injecting drug use	1	0	3	44
Blood / blood product infusion	0	1	0	24
Perinatal	0	0	0	6
Undetermined	2	0	0	71
Total	17	32	17	1,047

Chart 5.2 Exposure categories of reported AIDS



6. Ratio (heterosexual : homosexual / bisexual) of sexually acquired HIV infection in men

Table 6.1 Ratio of sexually acquired infection in men with reported HIV/AIDS (heterosexual : homo / bisexual) by quarter

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
HIV	0.4 : 1	0.4 : 1	0.6 : 1	1.1 : 1
AIDS	0.6 : 1	1.2 : 1	1.2 : 1	1.9 : 1

Table 6.2 Ratio of sexually acquired infection in men with reported HIV/AIDS (heterosexual : homo / bisexual) by year

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 (1-3)	1984 – Mar 2009
HIV	2.8 : 1	1.9 : 1	1.8 : 1	1.7 : 1	1.1 : 1	0.8 : 1	0.7 : 1	0.4 : 1	0.6 : 1	0.4 : 1	1.1 : 1
AIDS	23.5 : 1	5.3 : 1	2.7 : 1	4.9 : 1	3.8 : 1	1.8 : 1	0.8 : 1	1.5 : 1	1.4 : 1	0.6 : 1	1.9 : 1

7. Injecting drug users in reported HIV/AIDS

Table 7.1 Injecting drug users in reported HIV/AIDS

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
HIV (% of reported HIV)	2 (1.9%)	7 (6.6%)	9 (10.1%)	261 (6.3%)
AIDS (% of reported AIDS)	1 (5.9%)	0 (0.0%)	3 (17.6%)	44 (4.2%)

Table 7.2 Number of injecting drug user in reported HIV/AIDS by year

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 (1-3)	1984 – Mar 2009
HIV (% of reported HIV)	10 (5.5%)	11 (5.2%)	10 (3.8%)	11 (4.8%)	22 (8.2%)	31 (9.9%)	58 (15.5%)	42 (10.1%)	41 (9.4%)	2 (1.9%)	261 (6.3%)
AIDS (% of reported AIDS)	2 (3.0%)	1 (1.7%)	1 (1.9%)	0 (0.0%)	3 (6.1%)	1 (1.6%)	11 (15.1%)	9 (11.4%)	9 (9.4%)	1 (5.9%)	44 (4.2%)

8. Source of referral of reported HIV/AIDS

Table 8.1 Source of referral of reported HIV

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
Public hospitals / clinics / laboratories	41	37	33	1,831
Private hospitals / clinics / laboratories	20	23	18	917
Social Hygiene Clinics	17	15	19	594
AIDS service organisations (AIDS unit + NGOs)	22	26	13	648
Hong Kong Red Cross Blood Transfusion Service	3	2	4	92
Drug rehabilitation services	1	3	2	69
Total	104	106	89	4,151

Chart 8.1 Source of referral of reported HIV

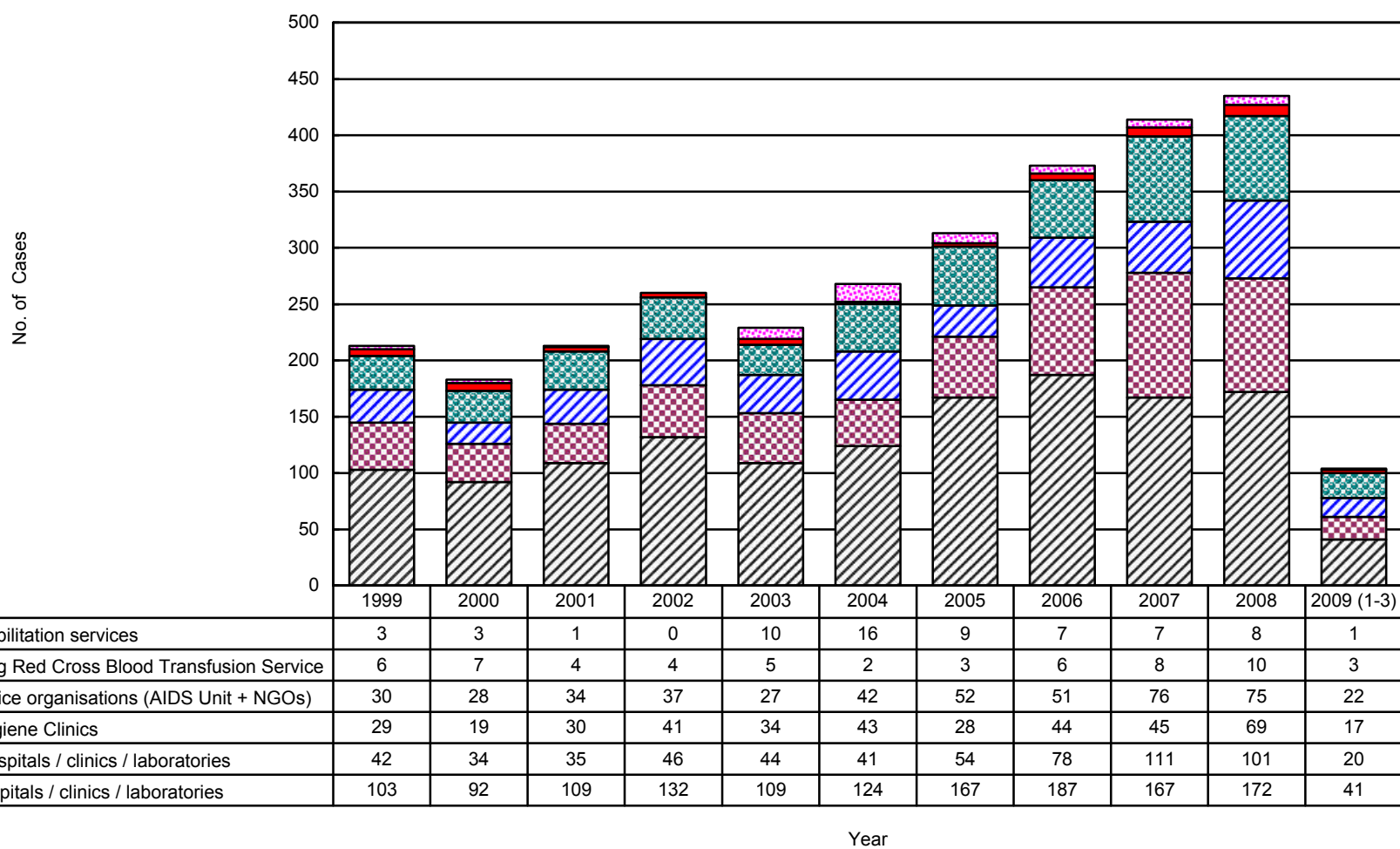
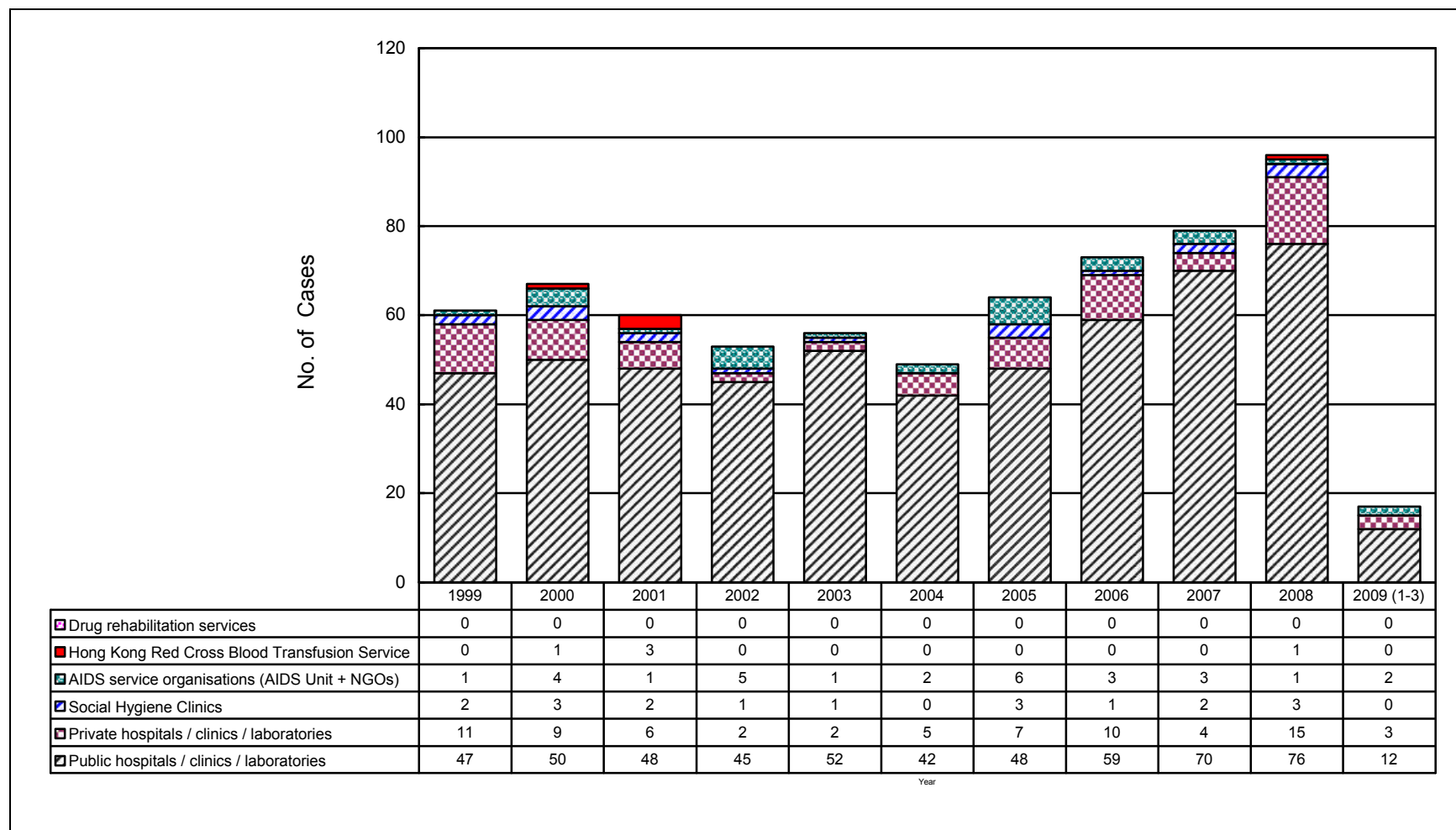


Table 8.2 Source of referral of reported AIDS

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
Public hospitals / clinics / laboratories	12	24	14	761
Private hospitals / clinics / laboratories	3	6	3	159
Social Hygiene Clinics	0	1	0	44
AIDS service organisations (AIDS unit + NGOs)	2	1	0	73
Hong Kong Red Cross Blood Transfusion Service	0	0	0	9
Drug rehabilitation services	0	0	0	1
Total	17	32	17	1,047

Chart 8.2 Source of referral of Reported AIDS

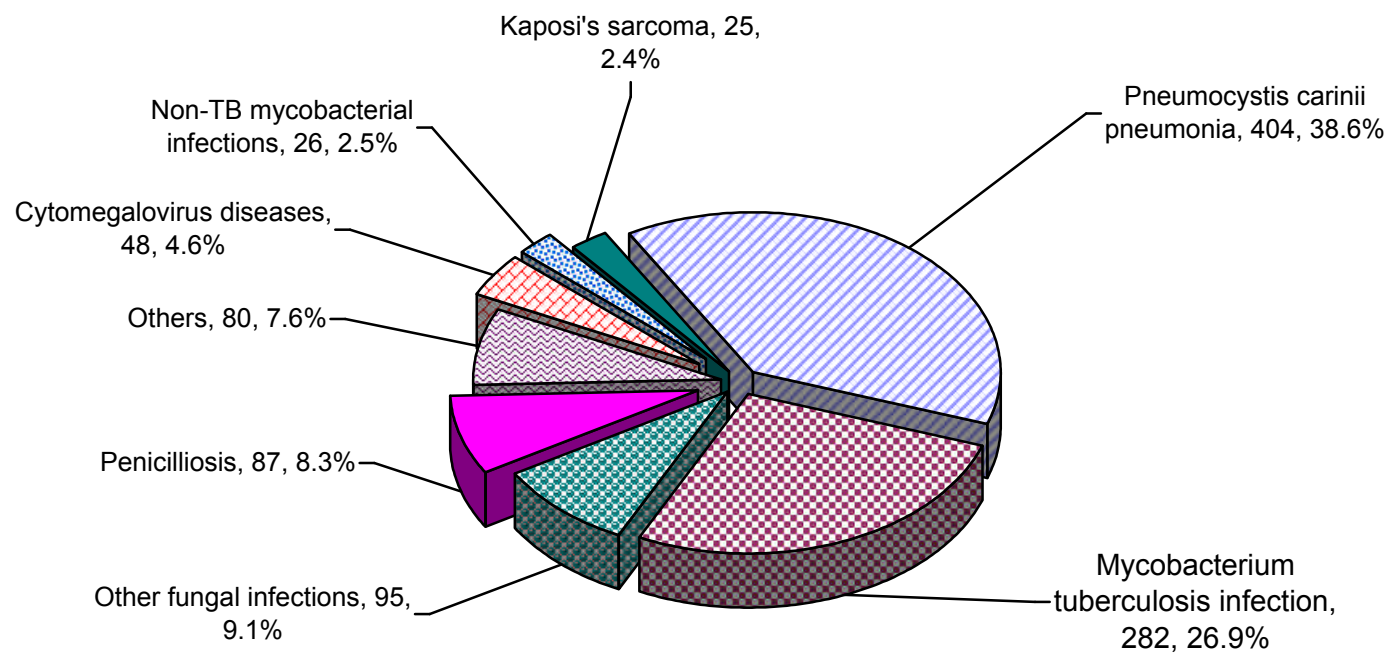


9. Distribution of AIDS defining illnesses

Table 9.1 Distribution of AIDS defining illness of reported AIDS

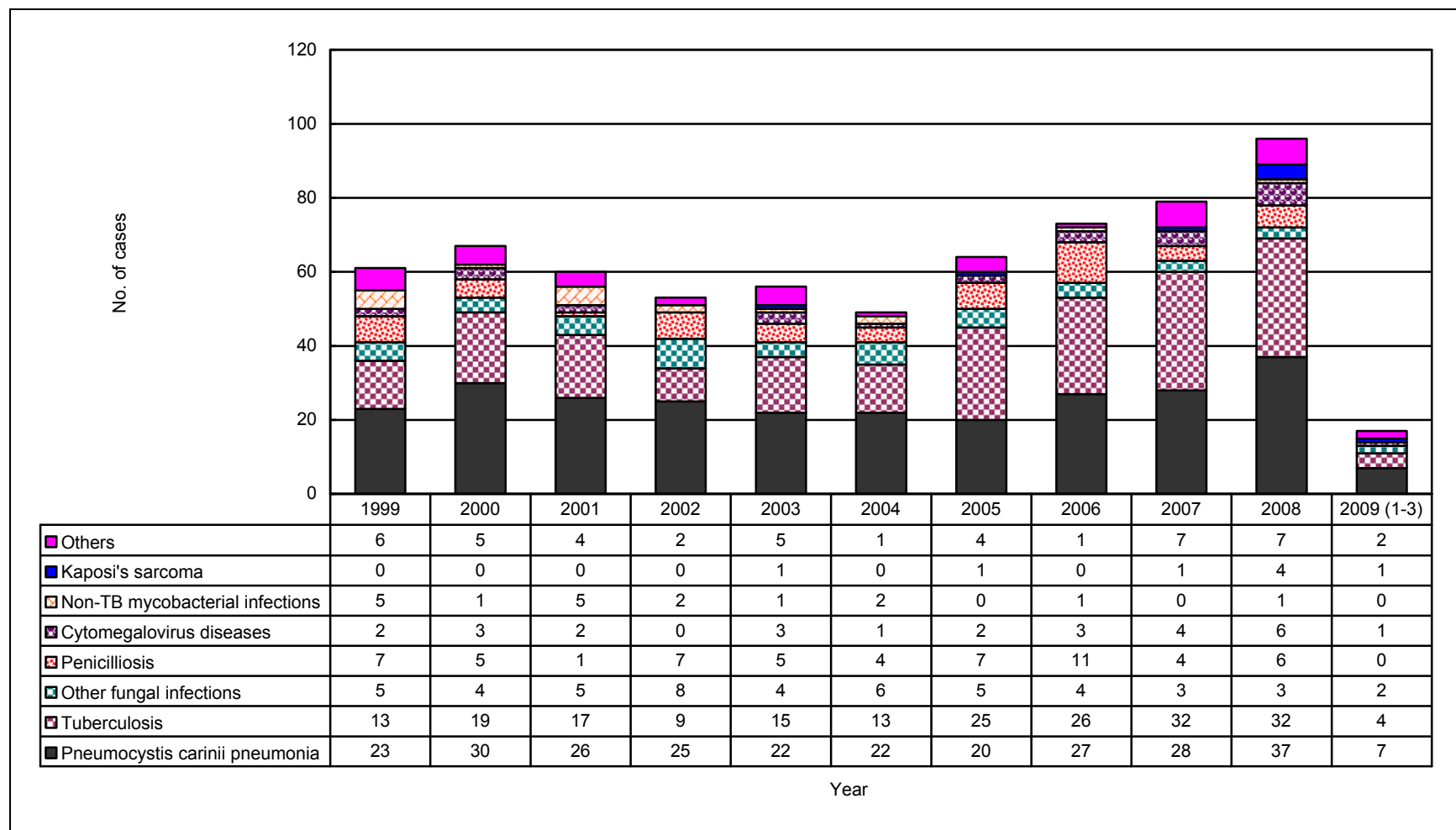
	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	Cumulative (1984 – Mar 2009)
<i>Pneumocystis carinii pneumonia</i>	7	16	8	404
<i>Mycobacterium tuberculosis</i>	4	7	6	282
Other fungal infections	2	0	2	95
Penicilliosis	0	2	0	87
Cytomegalovirus diseases	1	4	0	48
Non-TB mycobacterial infections	0	0	0	26
Kaposi's sarcoma	1	2	0	25
Others	2	1	1	80
Total	17	32	17	1,047

Chart 9.1 AIDS defining illness of total reported AIDS



Format: [ADI; Number; %]

Chart 9.2 AIDS defining illness of reported AIDS by year



10. Reported sexually transmitted infections (STIs) diagnosed in Social Hygiene Service

Table 10.1 Summary table on the reported STIs diagnosed in Social Hygiene Service

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	In year 2008
Syphilis				
<i>Primary</i>	11	14	10	45
<i>Secondary</i>	11	16	11	56
<i>Early latent</i>	17	21	26	82
<i>Late latent</i>	171	167	153	720
<i>Late (cardiovascular / neuro /ocular)</i>	2	1	1	5
<i>Congenital (early)</i>	0	0	0	0
<i>Congenital (late)</i>	2	0	0	0
Syphilis total	214	219	201	908

(to be cont'd)

Table 10.1 (Cont'd)

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	In year 2008
Gonorrhoea	356	331	333	1,423
Non-gonococcal urethritis (Male)	980	971	881	3,766
Non-specific genital infection (Female)	661	674	610	2,752
Genital wart	553	557	527	2,276
<i>Herpes genitalis</i>	154	152	192	715
Pediculosis pubis	33	35	47	172
Trichomonas	98	113	97	410
Genital ulcer	4	2	0	10
Chancroid / <i>Lymphogranuloma venereum</i>	0	0	0	0
Others	244	562	260	1,435
Total	3,297	3,616	3,148	13,867

11. Gender distribution of reported STIs

Table 11.1 Gender distribution of selected STI reported by Social Hygiene Service

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	In year 2008
Primary Syphilis				
Male (M)	11	13	9	43
Female (F)	0	1	1	2
M:F	N.A.	13 : 1	9 : 1	21.5 : 1
Gonorrhoea				
Male (M)	325	289	296	1,254
Female (F)	31	42	37	169
M:F	10.5 : 1	6.9 : 1	8 : 1	7.4 : 1
NGU / NSGI *				
Male (M)	980	971	881	3,766
Female (F)	661	674	610	2,752
M:F	1.5 : 1	1.4 : 1	1.4 : 1	1.4 : 1

(to be cont'd)

Table 11.1 (Cont'd)

	This quarter (Jan - Mar 2009)	Last quarter (Oct - Dec 2008)	Same quarter last year (Jan - Mar 2008)	In year 2008
Genital wart				
Male (M)	400	404	359	1,655
Female (F)	153	153	168	621
M:F	2.6 : 1	2.6 : 1	2.1 : 1	2.7 : 1
<i>Herpes genitails</i>				
Male (M)	103	110	153	554
Female (F)	51	42	39	161
M:F	2.0 : 1	2.6 : 1	3.9 : 1	3.4 : 1

* NGU = Non-gonococcal urethritis

NSGI = Non-specific genital infection

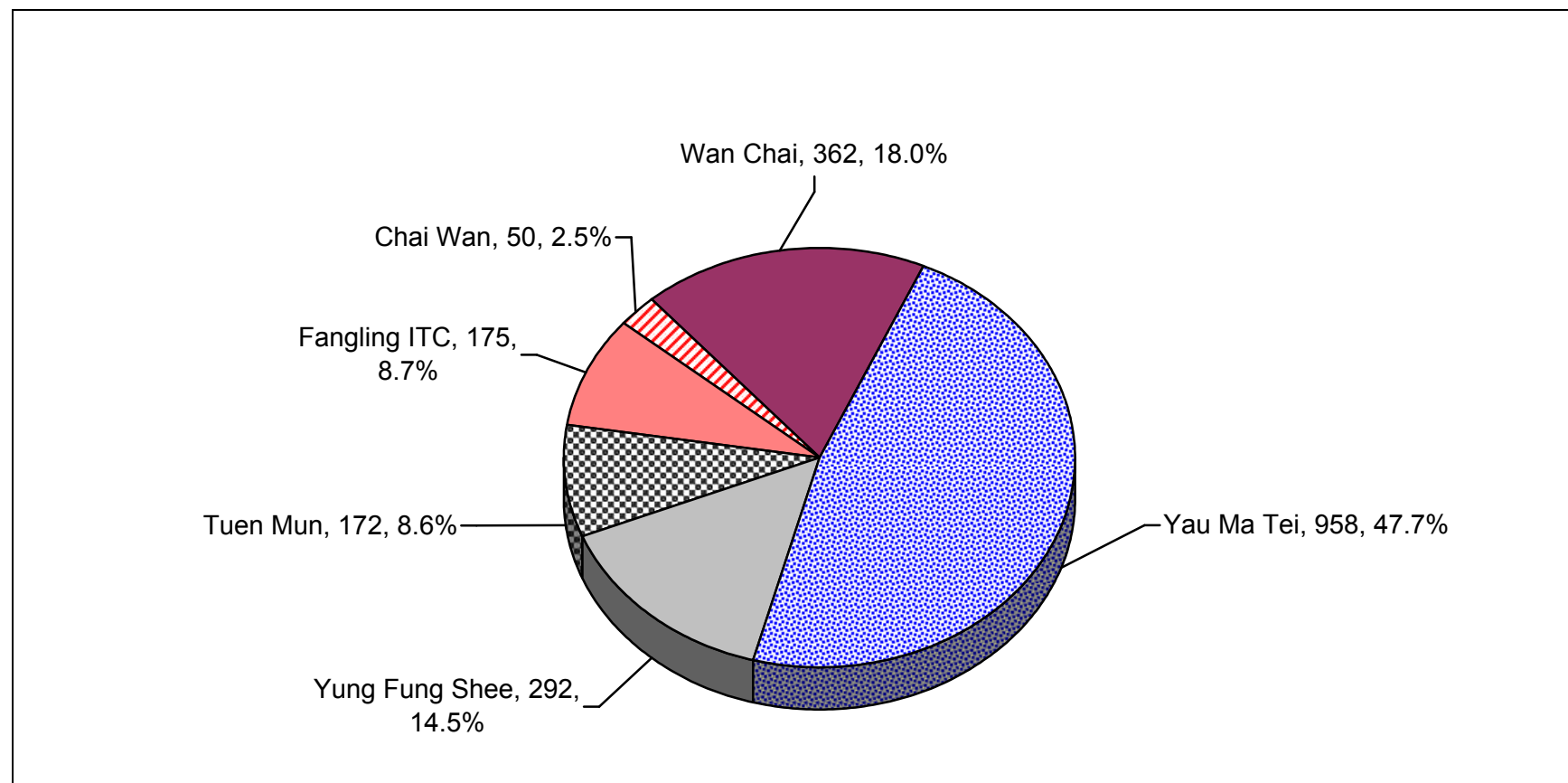
Table 11.2 Gender distribution of reported STI by clinic

	This quarter (Jan - Mar 2009)		Last quarter (Oct - Dec 2008)		Same quarter last year (Jan - Mar 2008)		In year 2008	
	Male	Female	Male	Female	Male	Female	Male	Female
Chai Wan	50	33	49	27	56	36	222	129
Wan Chai	362	180	342	159	335	207	1,491	744
Yau Ma Tei	958	736	1,218	726	951	650	4,211	2,906
Yung Fung Shee	292	96	265	128	234	107	1,020	485
Tuen Mun	172	146	192	182	165	130	744	662
Fanling ITC	175	97	194	134	160	117	736	517
Total	2,009	1,288	2,260	1,356	1,901	1,247	8,424	5,443

Remark: # Lek Yuen Clinic was closed since April 2005.

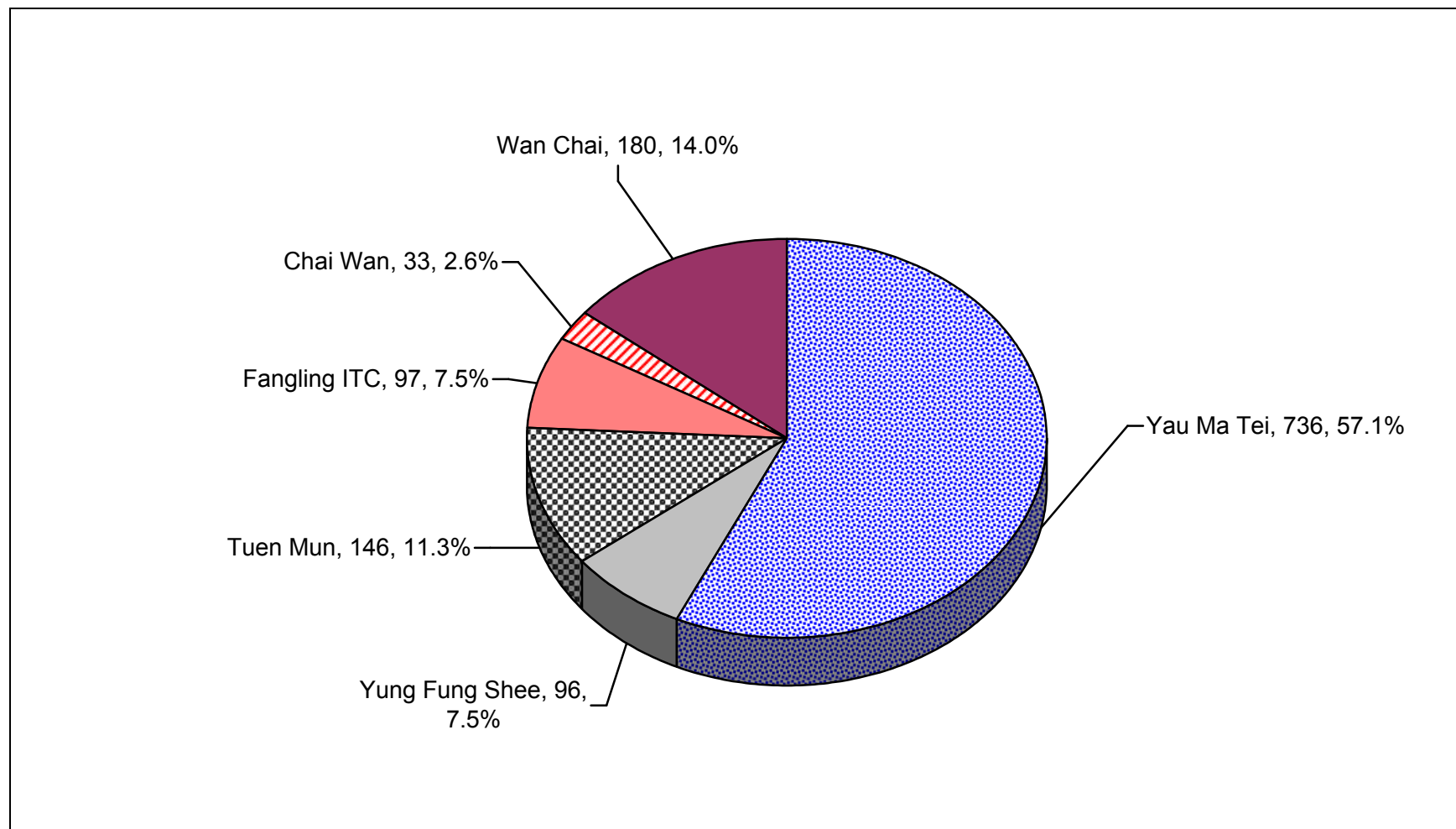
12. Clinic distribution

Chart 12.1 Number of male client reported in Q1 2009 by clinic



Format : [Clinic ; Number ; %]

Chart 12.2 Number of female client reported in Q1 2009 by clinic



Format : [Clinic ; Number ; %]