HONG KONG STD/AIDS Update

a quarterly surveillance report

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 September 2010.

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1. Number of HIV/AIDS reported

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

	This quarter (Jul - Sep 2010)		Last quarter (Apr - Jun 2010)		Same quarter last year (Apr - Jun 2009)		Cumulative (1984 – Sep 2010)	
	HIV	AIDS	HIV	AIDS	HIV	AIDS	HIV	AIDS
Sex								
Male	64	24	74	13	92	12	3,789	999
Female	17	6	31	3	31	3	941	172
Ethnicity/race								
Chinese	57	25	66	12	77	11	3,143	910
Non Chinese	24	5	39	4	46	4	1,587	261
Asian	*6*	*5*	*19*	*4*	*19*	*2*	*815*	*171*
White	*3*	*0*	*6*	*0*	*5*	*0*	*332*	*75*
Black	*4*	*0*	*0*	*0*	*4*	*2*	*81*	*15*
Others	*11*	*0*	*14*	*0*	*18*	*0*	*359*	*0*

(to be cont'd)

Table 1.1 (cont'd)

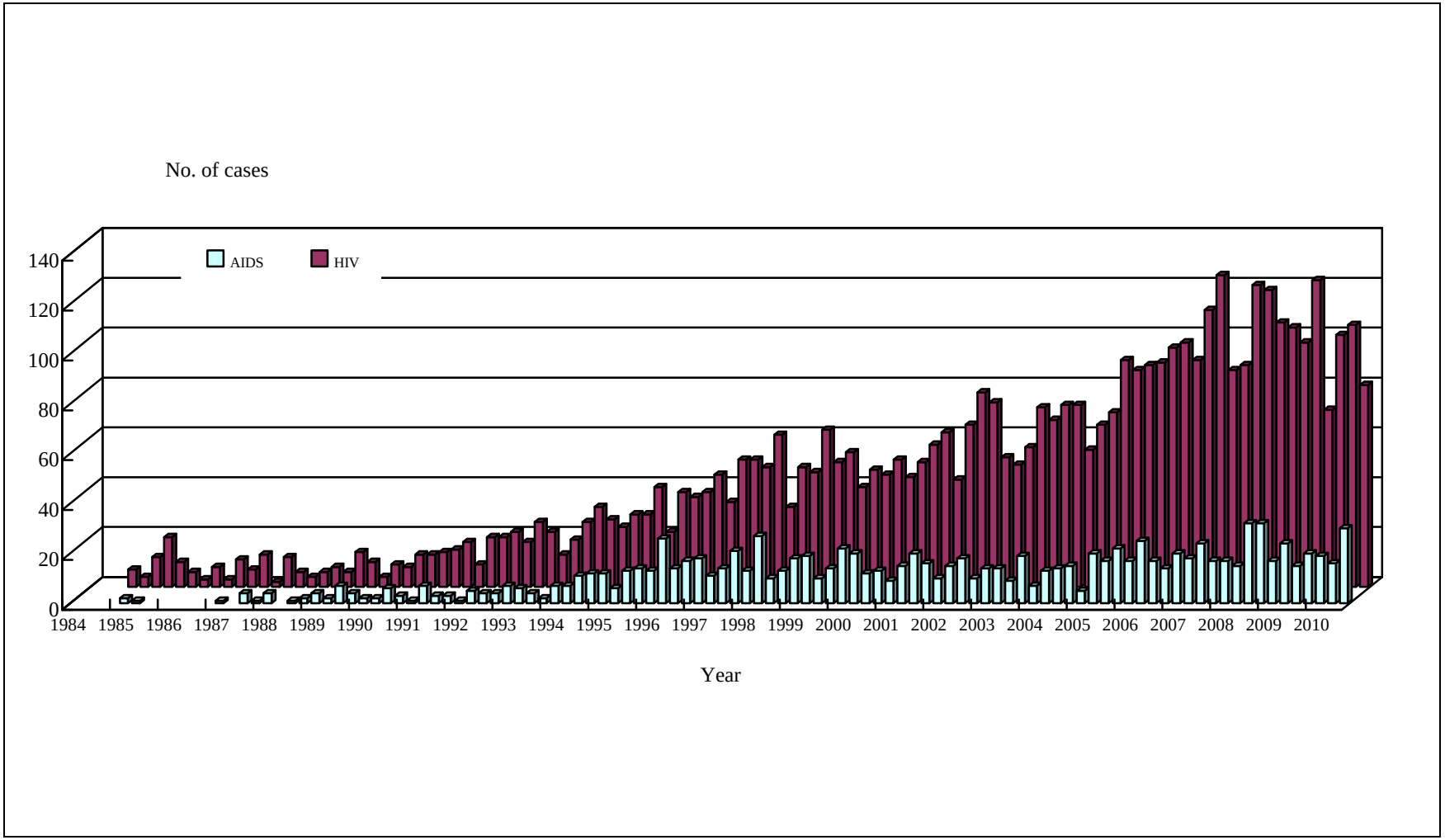
	This quarter (Jul - Sep 2010)		Last quarter (Apr - Jun 2010)		Same quarter last year (Jul - Sep 2009)		Cumulative (1984 – Sep 2010)	
	HIV	AIDS	HIV	AIDS	HIV	AIDS	HIV	AIDS
Age at diagnosis								
Adult	81	30	104	16	123	15	4,684	1,160
Child (age 13 or less)	0	0	1	0	0	0	46	11
Exposure category								
Heterosexual	22	14	36	8	36	11	2,082	714
Homosexual	26	11	36	5	47	2	1,249	250
Bisexual	4	2	8	1	2	0	193	47
Injecting drug use	2	0	5	0	2	1	291	46
Blood / blood product infusion	0	0	0	0	0	0	79	24
Perinatal	0	0	1	0	0	0	25	7
Undetermined	27	3	19	2	36	1	811	83

(to be cont'd)

Table 1.1 (Cont'd)

	This quarter (Jul - Sep 2010)		Last quarter (Apr - Jun 2010)		Same quarter last year (Jul - Sep 2009)		Cumulative (1984 – Sep 2010)	
	HIV	AIDS	HIV	AIDS	HIV	AIDS	HIV	AIDS
Source of referral								
Public hospitals / clinics / laboratories	34	29	41	13	58	12	2,071	864
Private hospitals / clinics / laboratories	10	1	27	3	32	2	1,050	173
Social Hygiene Clinics	13	0	8	0	14	0	654	45
AIDS service organisations (AIDS Unit + NGOs)	23	0	25	0	19	1	785	79
Hong Kong Red Cross Blood Transfusion Service	0	0	1	0	0	0	94	9
Drug rehabilitation services	1	0	3	0	0	0	76	1
Total	**81**	**30**	**105**	**16**	**123**	**15**	**4,730**	**1,171**

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 (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
Male	64	74	92	3,789
Female	17	31	31	941
Total	**81**	**105**	**123**	**4,730**

Chart 2.1 Gender distribution of reported HIV by quarter

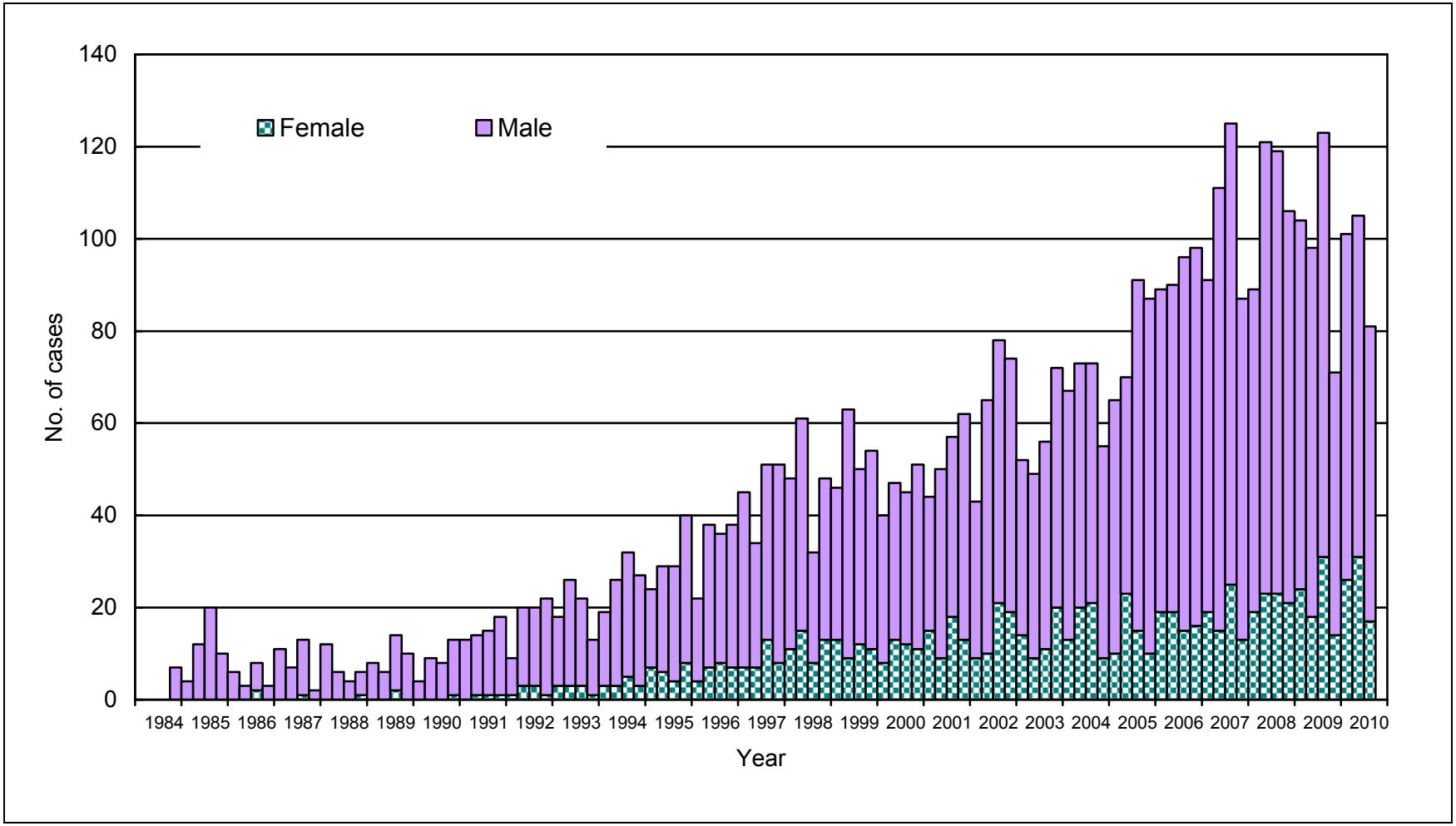
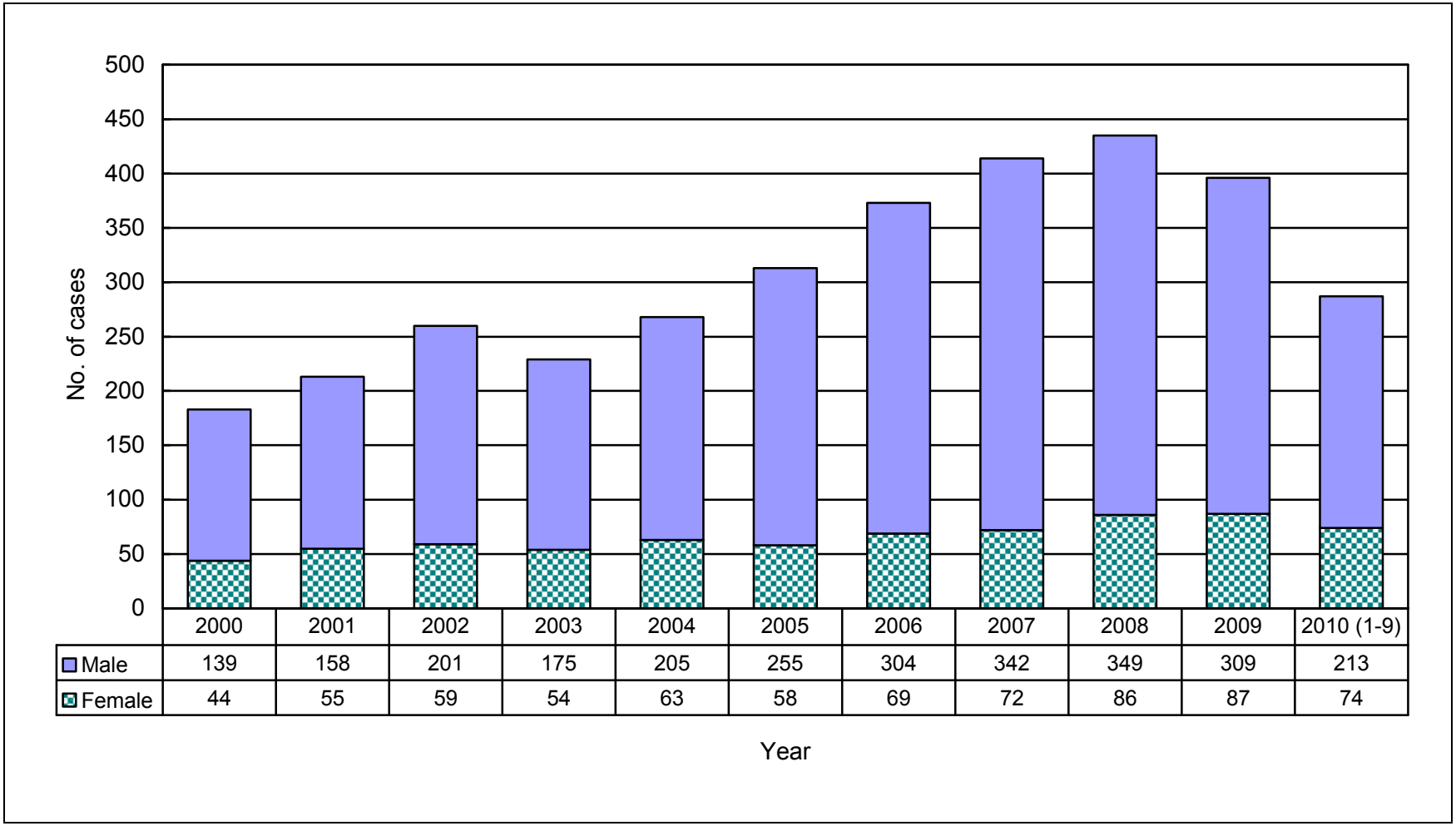


Chart 2.2 Gender distribution of reported HIV by year



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)
Male	139	158	201	175	205	255	304	342	349	309	213
Female	44	55	59	54	63	58	69	72	86	87	74

Table 2.2 Gender distribution of reported AIDS

	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
Male	24	13	12	999
Female	6	3	3	172
Total	**30**	**16**	**15**	**1,171**

Chart 2.3 Gender distribution of reported AIDS by quarter

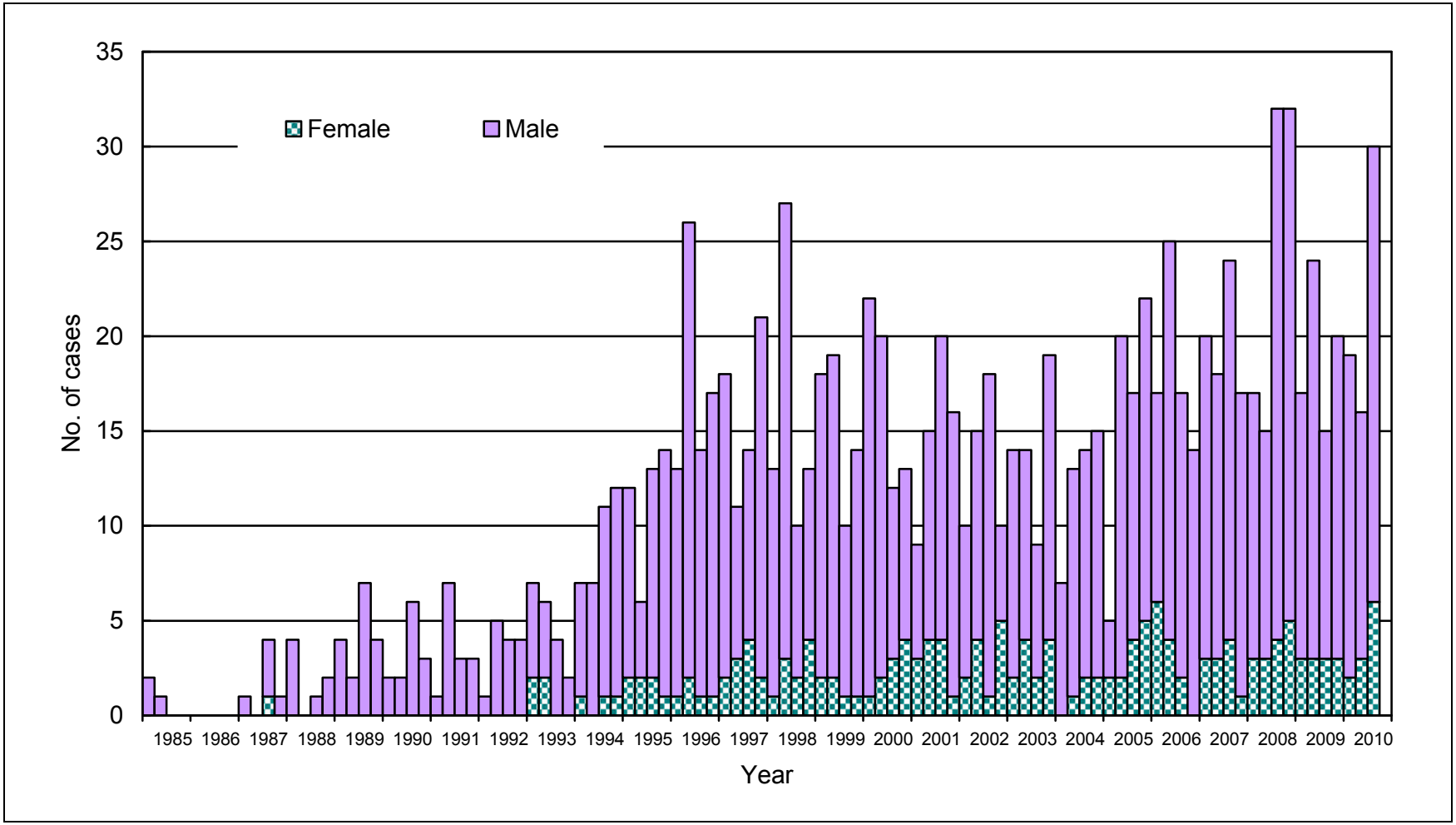
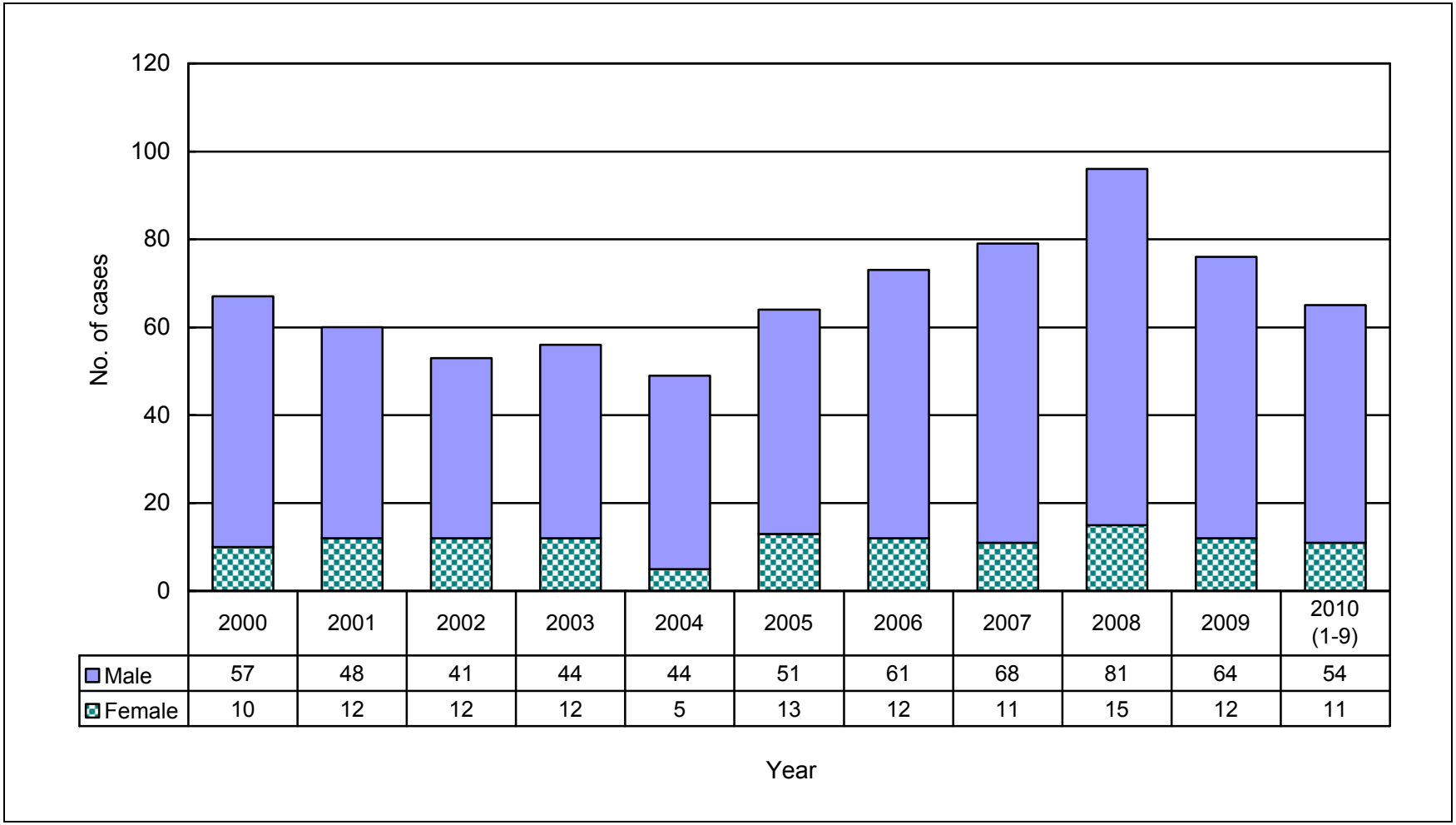


Chart 2.4 Gender distribution of reported AIDS by year



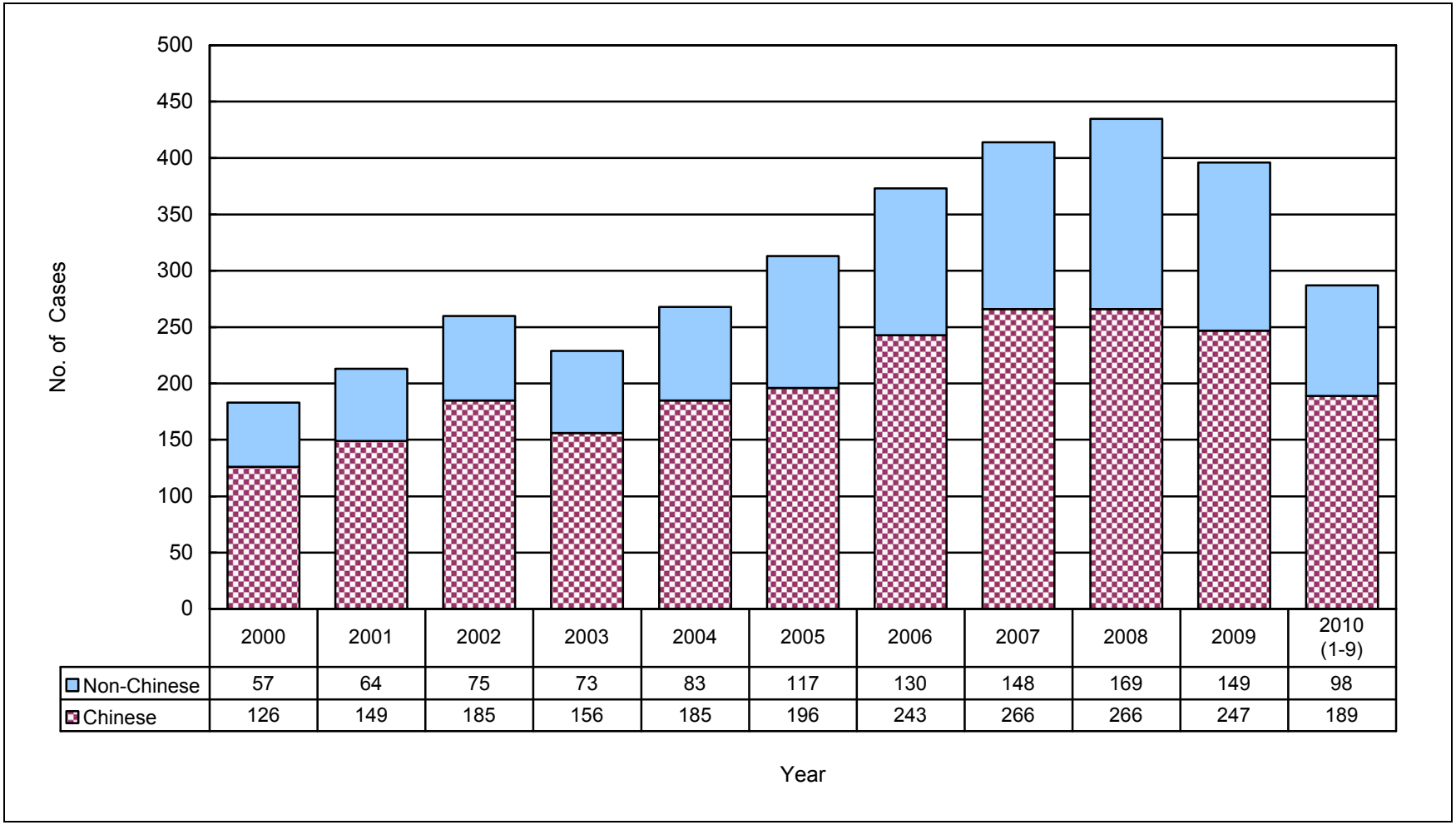
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)
Male	57	48	41	44	44	51	61	68	81	64	54
Female	10	12	12	12	5	13	12	11	15	12	11

3. Ethnicity of reported HIV/AIDS

Table 3.1 Distribution of ethnicity of reported HIV

	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
Chinese	57	66	77	3,143
Non Chinese	24	39	46	1,587
Asian	*6*	*19*	*19*	*815*
White	*3*	*6*	*5*	*332*
Black	*4*	*0*	*4*	*81*
Others	*11*	*14*	*18*	*359*
Total	**81**	**105**	**123**	**4,730**

Chart 3.1 Distribution of ethnicity of reported HIV

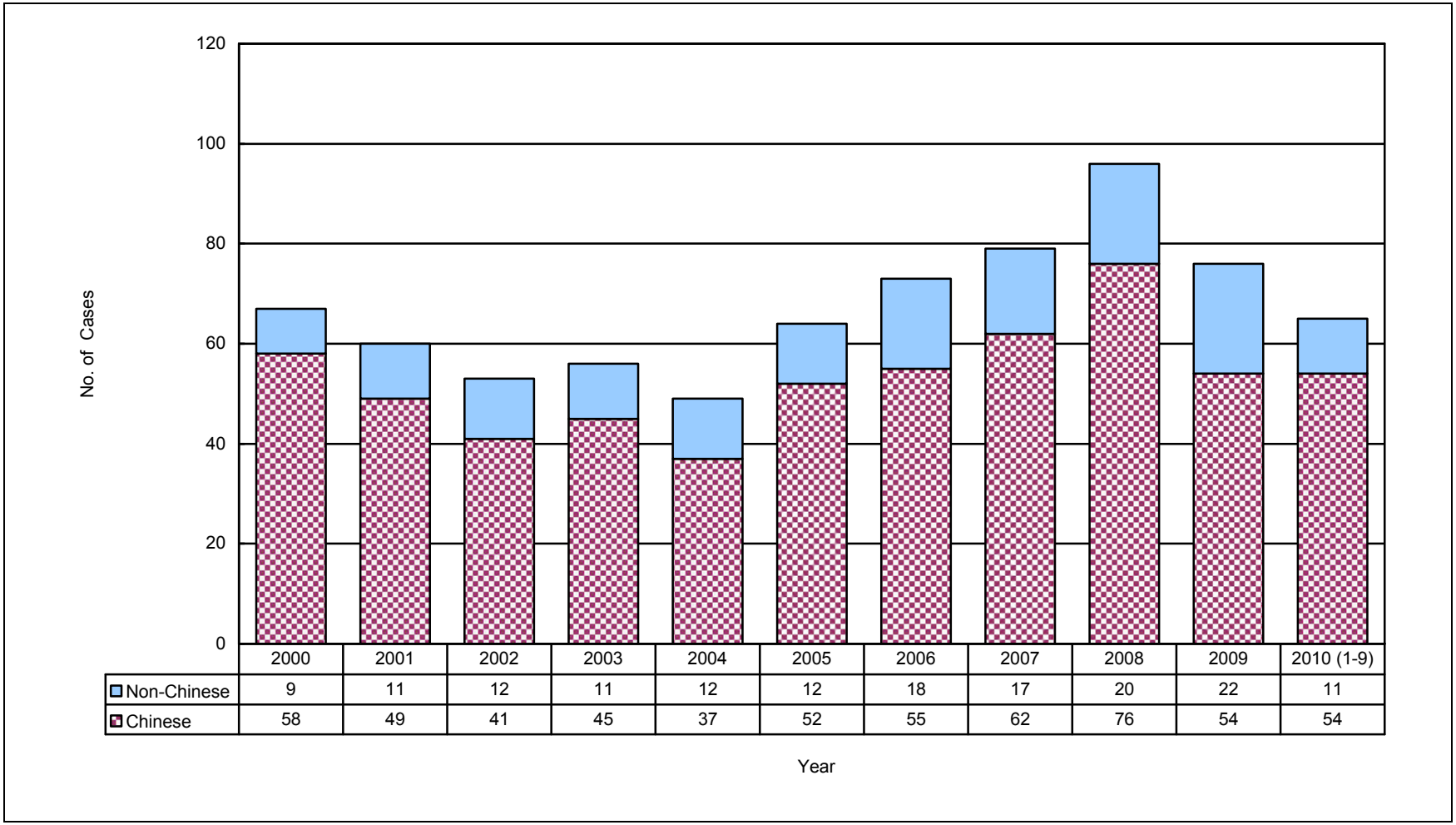


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)
Non-Chinese	57	64	75	73	83	117	130	148	169	149	98
Chinese	126	149	185	156	185	196	243	266	266	247	189

Table 3.2 Distribution of ethnicity of reported AIDS

	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
Chinese	25	12	11	910
Non Chinese	5	4	4	261
Asian	*5*	*4*	*2*	*171*
White	*0*	*0*	*0*	*75*
Black	*0*	*0*	*2*	*15*
Others	*0*	*0*	*0*	*0*
Total	**30**	**16**	**15**	**1,171**

Chart 3.2 Distribution of ethnicity of reported AIDS



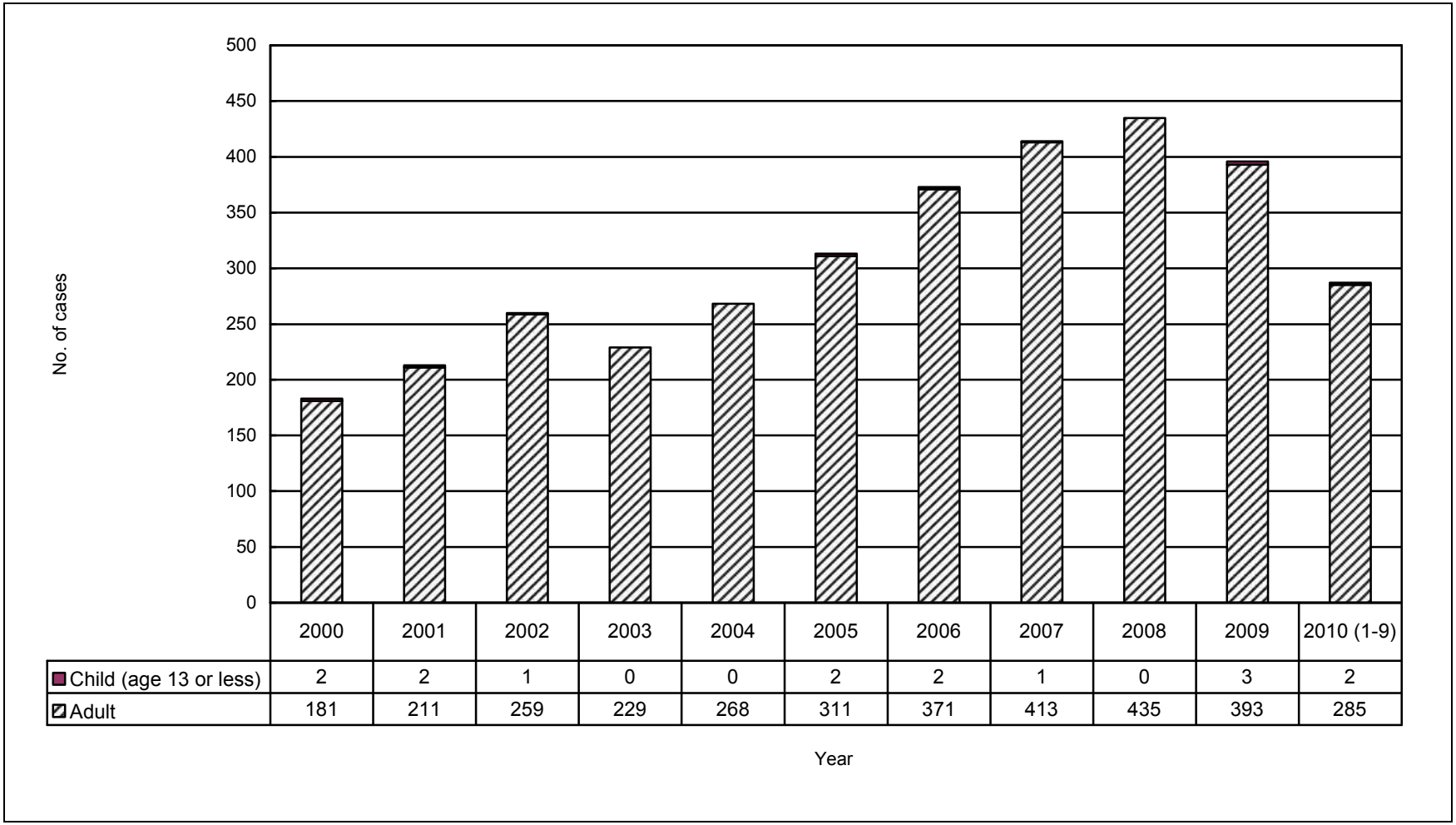
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)
Non-Chinese	9	11	12	11	12	12	18	17	20	22	11
Chinese	58	49	41	45	37	52	55	62	76	54	54

4. Age distribution of reported HIV/AIDS

Table 4.1 Age distribution of reported HIV

	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
Adult	81	104	123	4,684
Child (age 13 or less)	0	1	0	46
Total	**81**	**105**	**123**	**4,730**

Chart 4.1 Age distribution of reported HIV



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)
Child (age 13 or less)	2	2	1	0	0	2	2	1	0	3	2
Adult	181	211	259	229	268	311	371	413	435	393	285

Chart 4.2 Age group & gender of total reported HIV

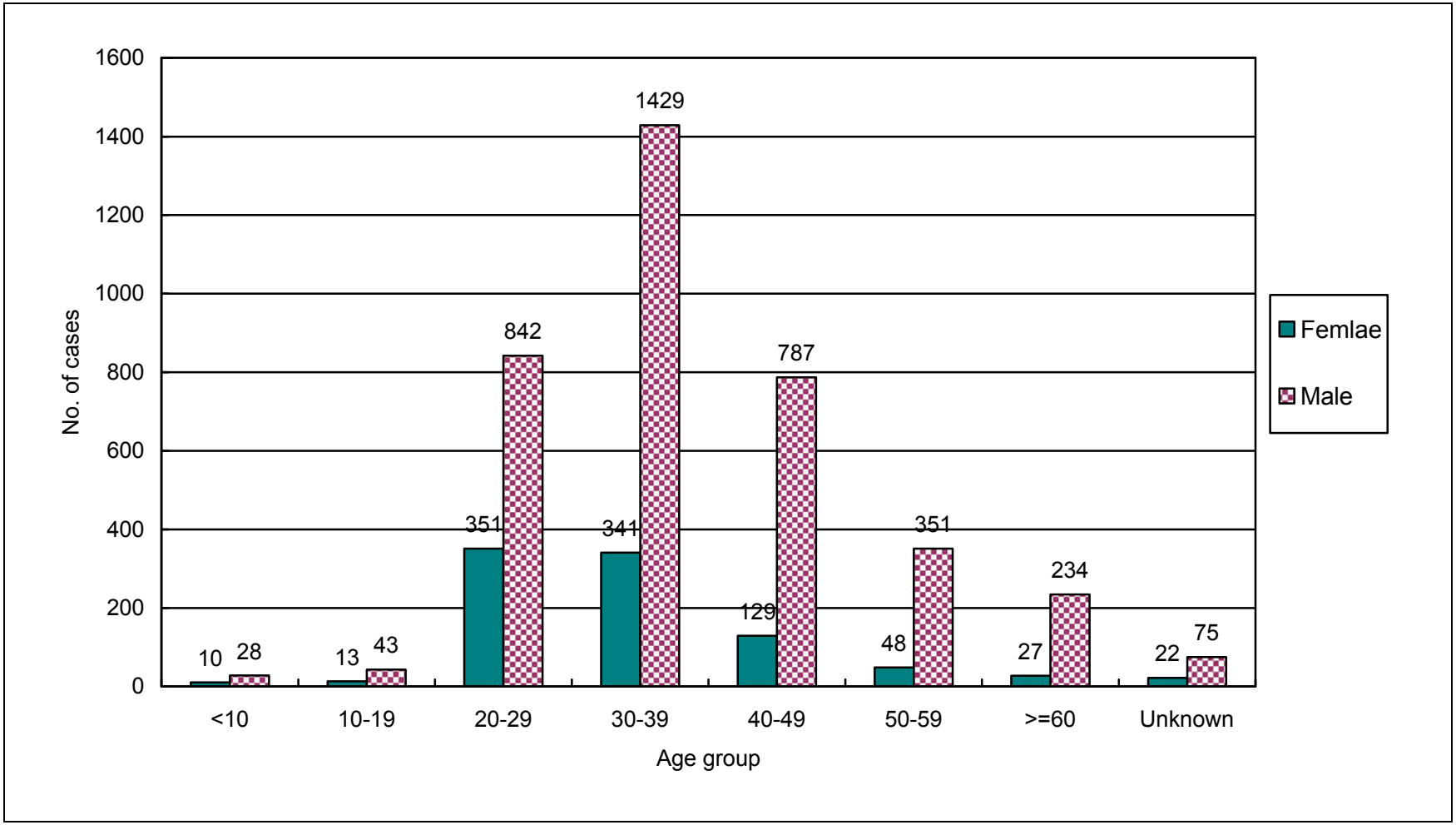
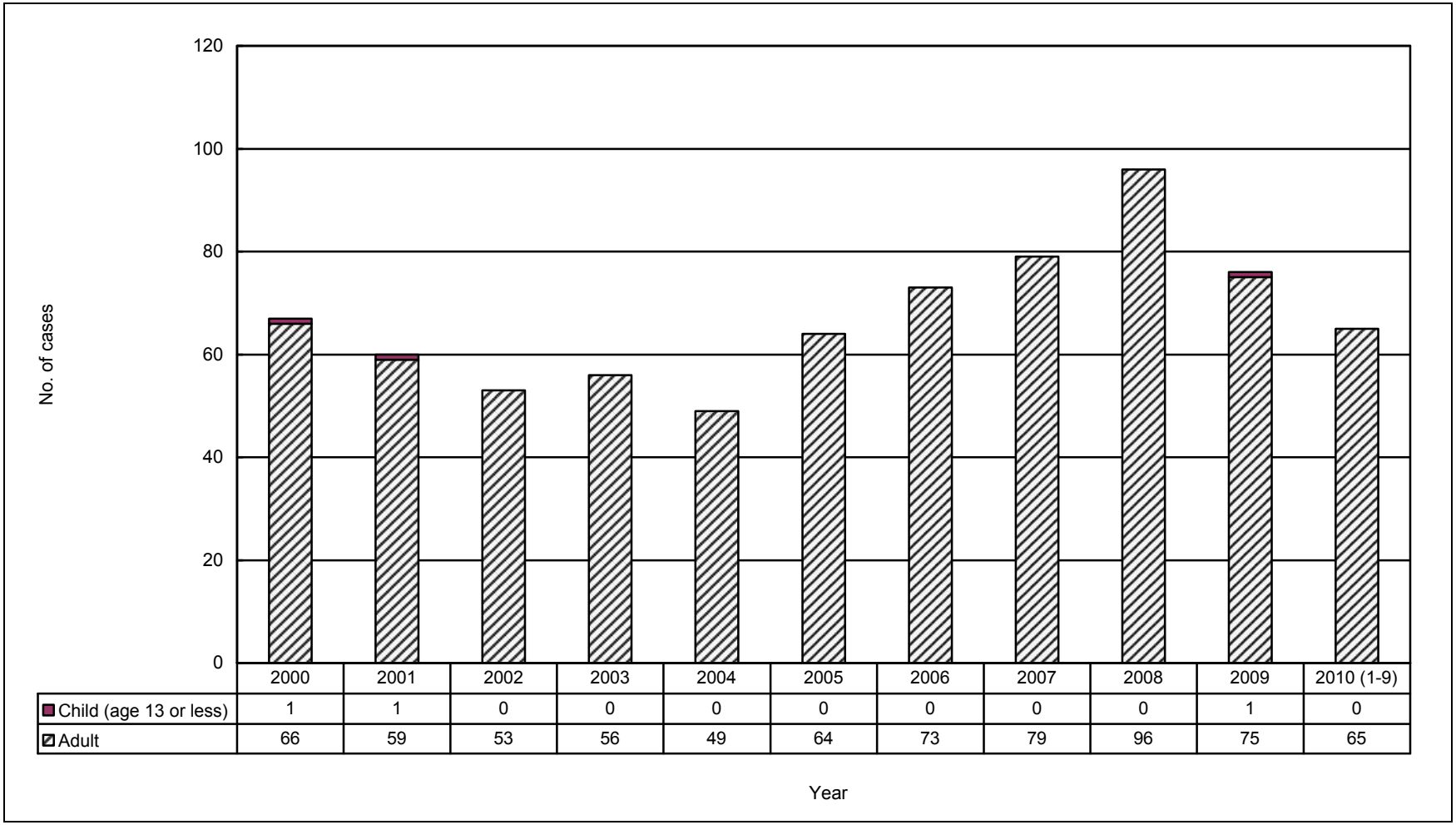


Table 4.2 Age distribution of reported AIDS

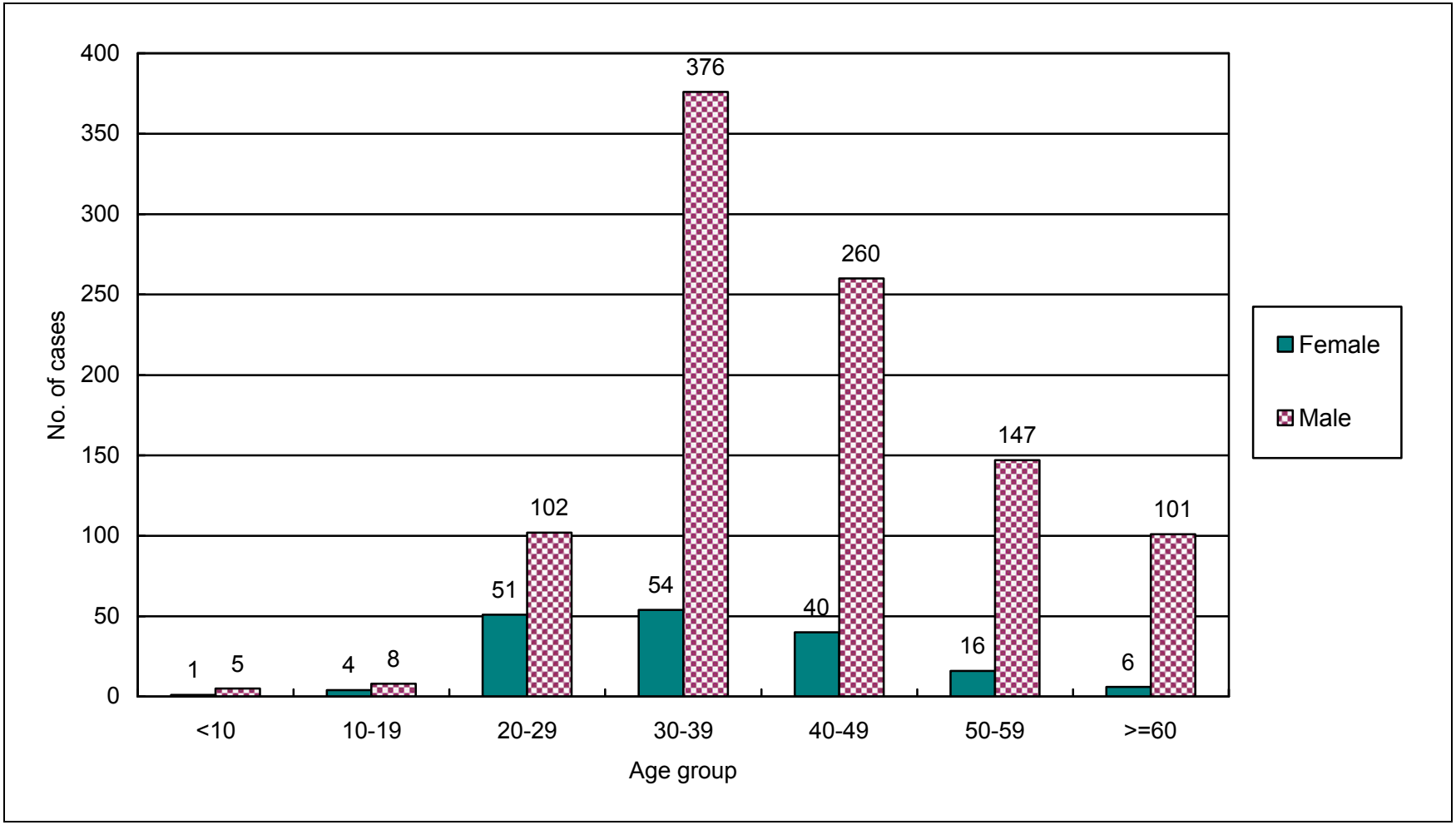
	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
Adult	30	16	15	1,160
Child (age 13 or less)	0	0	0	11
Total	**30**	**16**	**15**	**1,171**

Chart 4.3 Age distribution of reported AIDS



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)
Child (age 13 or less)	1	1	0	0	0	0	0	0	0	1	0
Adult	66	59	53	56	49	64	73	79	96	75	65

Chart 4.4 Age group & gender of total reported AIDS

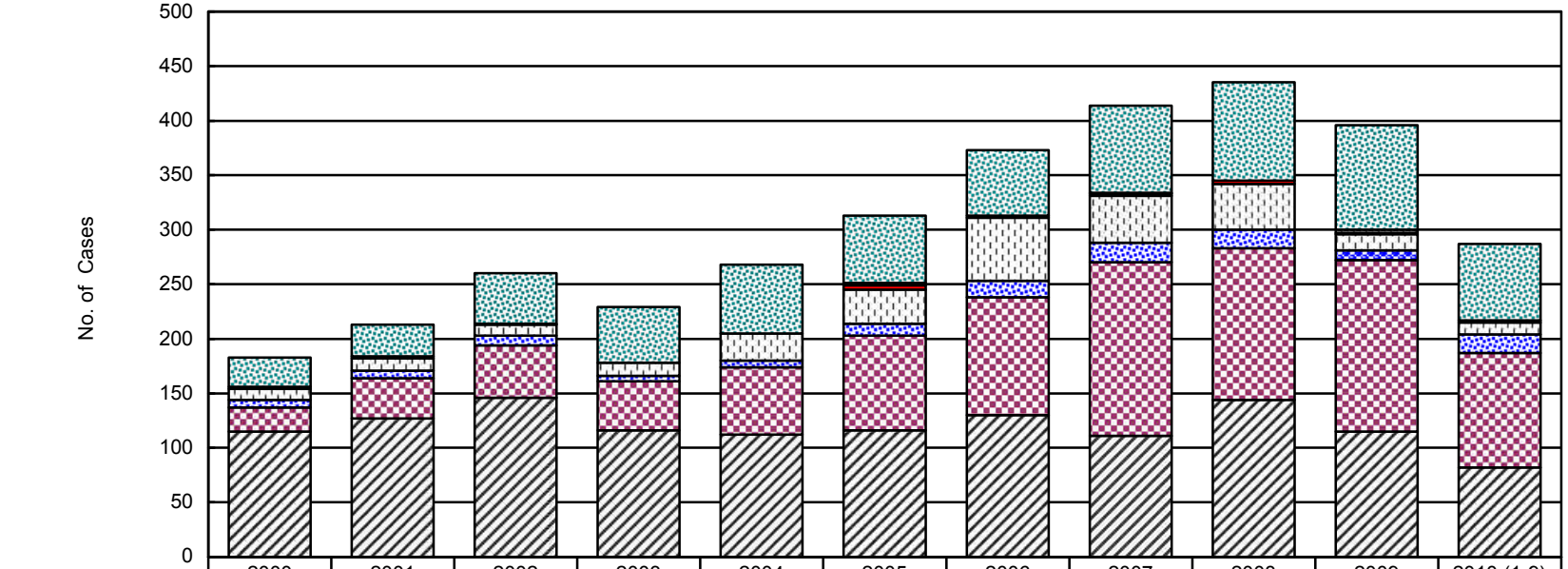


5. Exposure categories of reported HIV/AIDS

Table 5.1 Exposure categories of reported HIV

	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
Heterosexual	22	36	36	2,082
Homosexual	26	36	47	1,249
Bisexual	4	8	2	193
Injecting drug use	2	5	2	291
Blood / blood product infusion	0	0	0	79
Perinatal	0	1	0	25
Undetermined	27	19	36	811
Total	**81**	**105**	**123**	**4,730**

Chart 5.1 Exposure categories of reported HIV



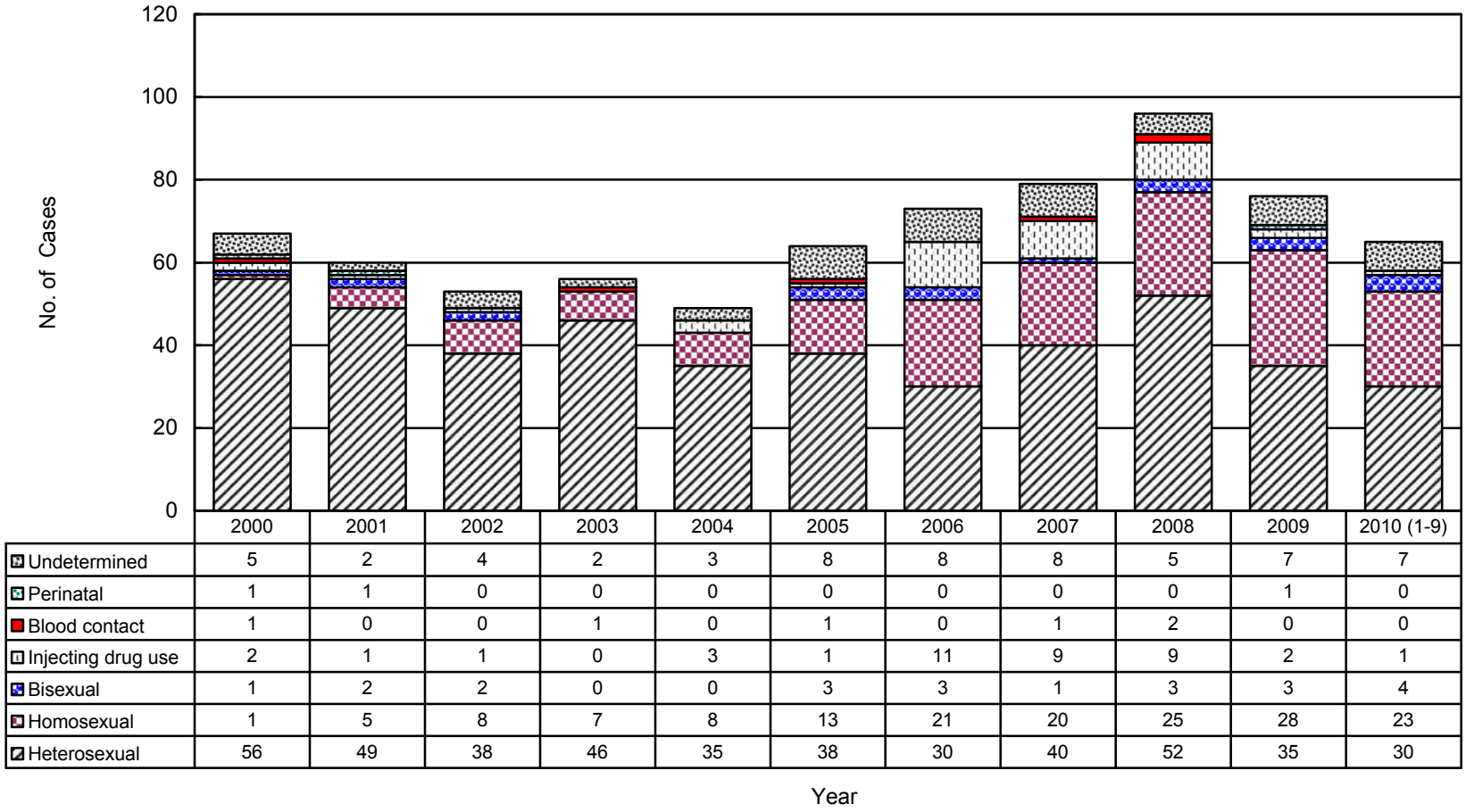
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)
Undetermined	27	29	46	51	63	62	60	80	90	96	70
Perinatal	2	2	1	0	0	2	2	1	0	3	2
Blood contact	0	0	0	0	0	4	0	2	3	1	0
Injecting drug use	10	11	10	12	25	31	58	43	42	15	11
Bisexual	7	7	9	5	6	11	15	18	17	9	17
Homosexual	22	37	48	45	62	87	108	159	139	157	105
Heterosexual	115	127	146	116	112	116	130	111	144	115	82

Year

Table 5.2 Exposure categories of reported AIDS

	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
Heterosexual	14	8	11	714
Homosexual	11	5	2	250
Bisexual	2	1	0	47
Injecting drug use	0	0	1	46
Blood / blood product infusion	0	0	0	24
Perinatal	0	0	0	7
Undetermined	3	2	1	83
Total	**30**	**16**	**15**	**1,171**

Chart 5.2 Exposure categories of reported AIDS



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)
Undetermined	5	2	4	2	3	8	8	8	5	7	7
Perinatal	1	1	0	0	0	0	0	0	0	1	0
Blood contact	1	0	0	1	0	1	0	1	2	0	0
Injecting drug use	2	1	1	0	3	1	11	9	9	2	1
Bisexual	1	2	2	0	0	3	3	1	3	3	4
Homosexual	1	5	8	7	8	13	21	20	25	28	23
Heterosexual	56	49	38	46	35	38	30	40	52	35	30

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 (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
HIV	0.4 : 1	0.4 : 1	0.4 : 1	0.9 : 1
AIDS	0.6 : 1	1.0 : 1	4.0 : 1	1.6 : 1

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)	1984 – Sep 2010
HIV	1.9 : 1	1.7 : 1	1.7 : 1	1.1 : 1	0.8 : 1	0.7 : 1	0.4 : 1	0.6 : 1	0.4 : 1	0.4 : 1	**0.9 : 1**
AIDS	5.3 : 1	2.7 : 1	4.9 : 1	3.8 : 1	1.8 : 1	0.8 : 1	1.5 : 1	1.4 : 1	0.8 : 1	0.8 : 1	**1.6 : 1**

7. Injecting drug users in reported HIV/AIDS

Table 7.1 Injecting drug users in reported HIV/AIDS

	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
HIV (% of reported HIV)	2 (2.5%)	5 (4.8%)	2 (1.6%)	291 (6.2%)
AIDS (% of reported AIDS)	0 (0.0%)	0 (0.0%)	1 (6.7%)	46 (3.9%)

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

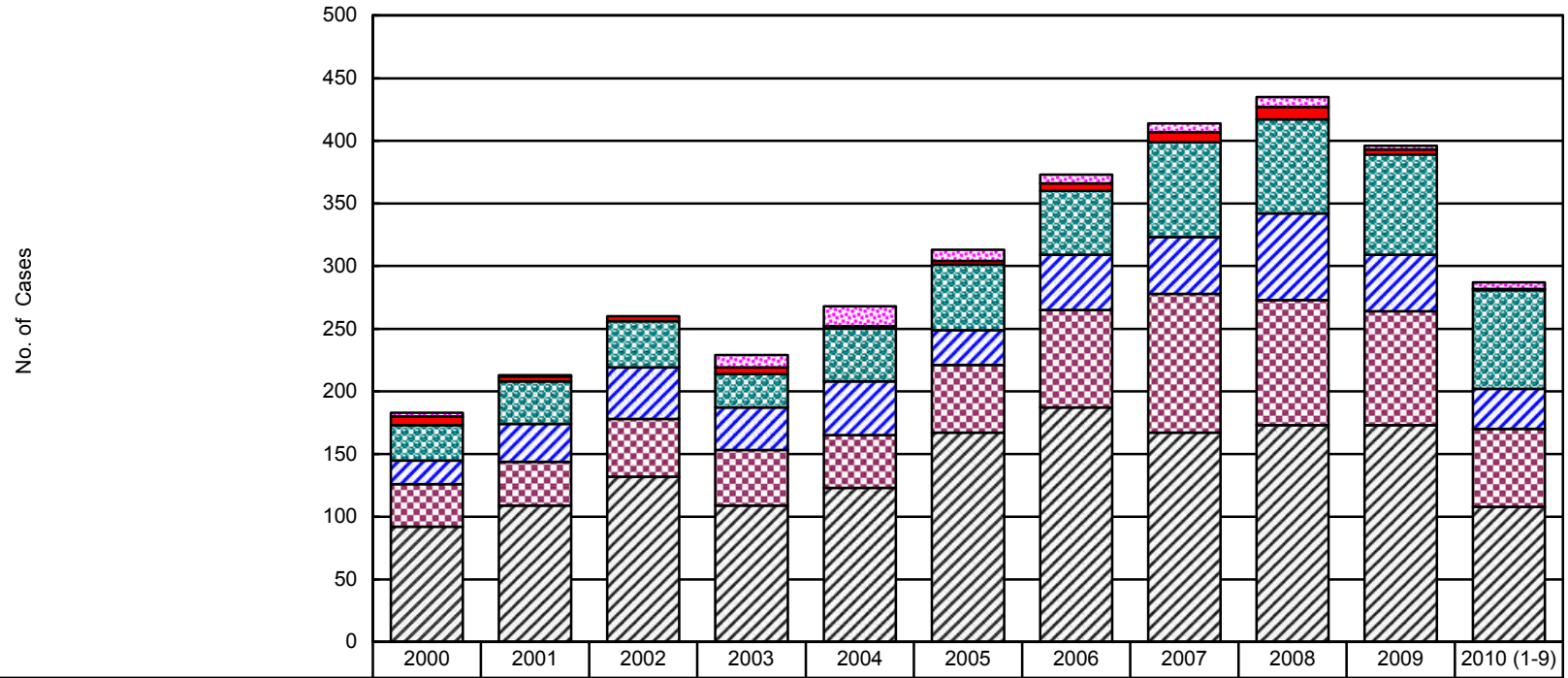
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)	1984 – Sep 2010
HIV (% of reported HIV)	11 (5.2%)	10 (3.8%)	12 (5.2%)	25 (9.3%)	31 (9.9%)	58 (15.5%)	43 (10.4%)	42 (9.7%)	15 (3.8%)	11 (3.8%)	291 (6.2%)
AIDS (% of reported AIDS)	1 (1.7%)	1 (1.9%)	0 (0.0%)	3 (6.1%)	1 (1.6%)	11 (15.1%)	9 (11.4%)	9 (9.4%)	2 (2.6%)	1 (1.5%)	46 (3.9%)

8. Source of referral of reported HIV/AIDS

Table 8.1 Source of referral of reported HIV

	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
Public hospitals / clinics / laboratories	34	41	58	2,071
Private hospitals / clinics / laboratories	10	27	32	1,050
Social Hygiene Clinics	13	8	14	654
AIDS service organisations (AIDS unit + NGOs)	23	25	19	785
Hong Kong Red Cross Blood Transfusion Service	0	1	0	94
Drug rehabilitation services	1	3	0	76
Total	**81**	**105**	**123**	**4,730**

Chart 8.1 Source of referral of reported HIV

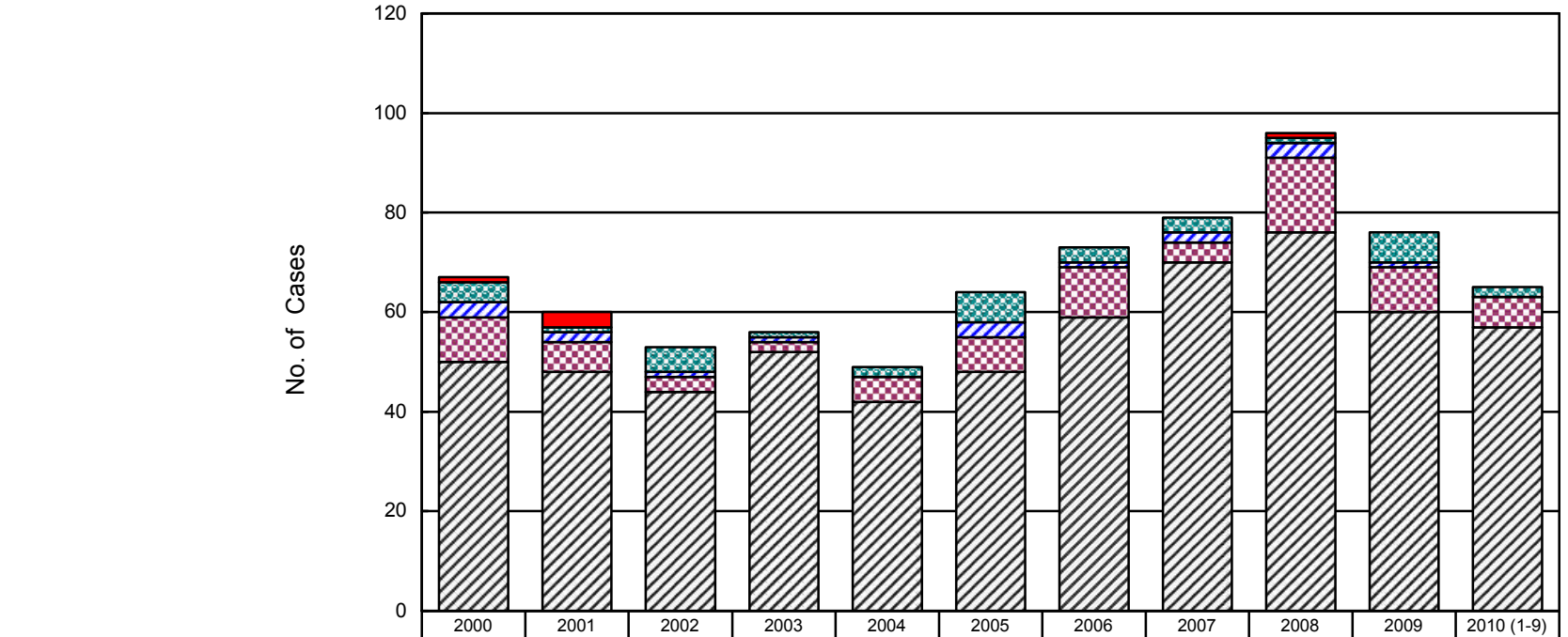


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)
Drug rehabilitation services	3	1	0	10	16	9	7	7	8	3	5
Hong Kong Red Cross Blood Transfusion Service	7	4	4	5	2	3	6	8	10	4	1
AIDS service organisations (AIDS Unit + NGOs)	28	34	37	27	42	52	51	76	75	80	79
Social Hygiene Clinics	19	30	41	34	43	28	44	45	69	45	32
Private hospitals / clinics / laboratories	34	35	46	44	42	54	78	111	100	91	62
Public hospitals / clinics / laboratories	92	109	132	109	123	167	187	167	173	173	108

Table 8.2 Source of referral of reported AIDS

	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
Public hospitals / clinics / laboratories	29	13	12	864
Private hospitals / clinics / laboratories	1	3	2	173
Social Hygiene Clinics	0	0	0	45
AIDS service organisations (AIDS unit + NGOs)	0	0	1	79
Hong Kong Red Cross Blood Transfusion Service	0	0	0	9
Drug rehabilitation services	0	0	0	1
Total	**30**	**16**	**15**	**1,171**

Chart 8.2 Source of referral of Reported AIDS



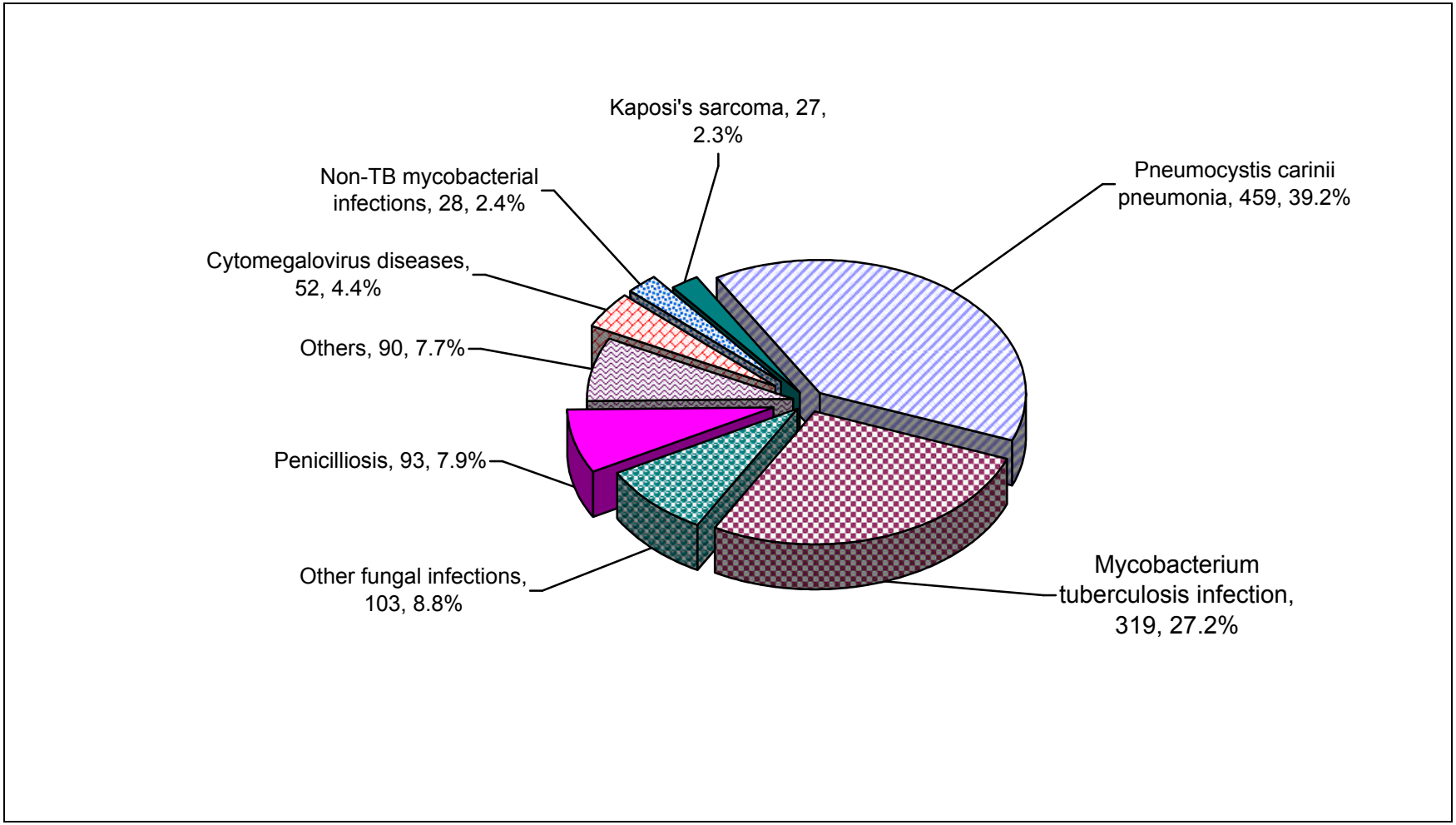
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)
Drug rehabilitation services	0	0	0	0	0	0	0	0	0	0	0
Hong Kong Red Cross Blood Transfusion Service	1	3	0	0	0	0	0	0	1	0	0
AIDS service organisations (AIDS Unit + NGOs)	4	1	5	1	2	6	3	3	1	6	2
Social Hygiene Clinics	3	2	1	1	0	3	1	2	3	1	0
Private hospitals / clinics / laboratories	9	6	3	2	5	7	10	4	15	9	6
Public hospitals / clinics / laboratories	50	48	44	52	42	48	59	70	76	60	57

9. Distribution of AIDS defining illnesses

Table 9.1 Distribution of AIDS defining illness of reported AIDS

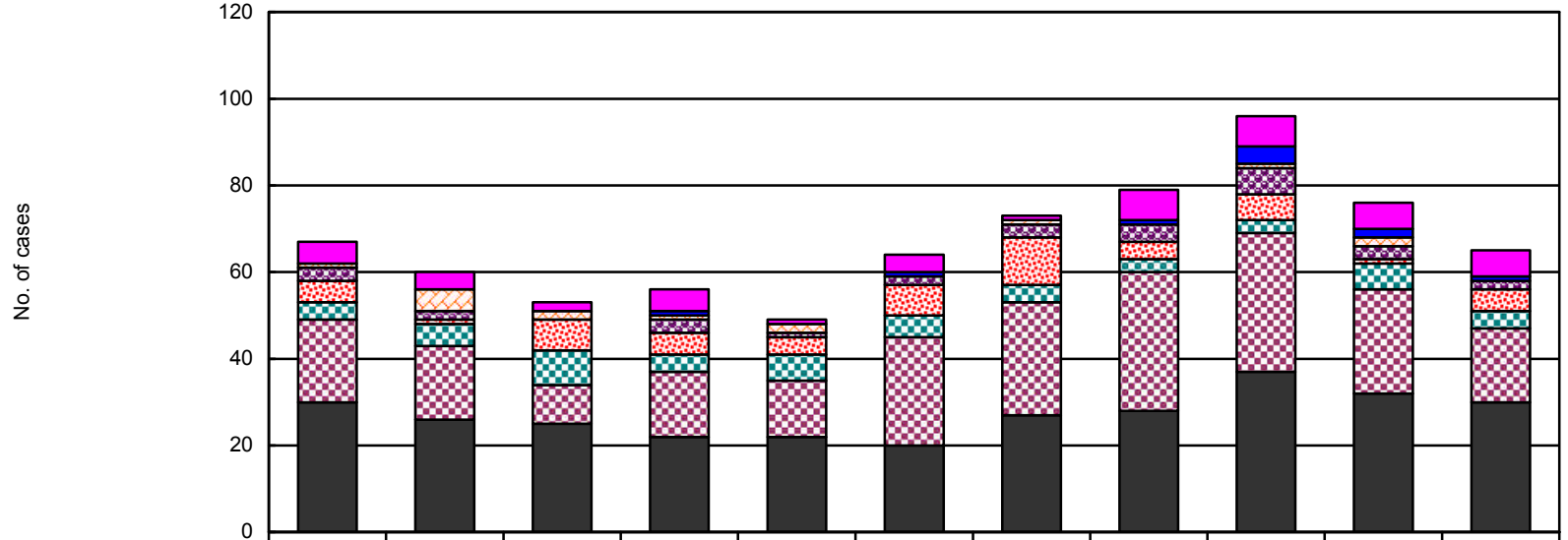
	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	Cumulative (1984 – Sep 2010)
Pneumocystis carinii pneumonia	11	9	3	459
Mycobacterium tuberculosis	9	3	8	319
Other fungal infections	2	0	1	103
Penicilliosis	3	1	1	93
Cytomegalovirus diseases	2	0	1	52
Non-TB mycobacterial infections	0	0	1	28
Kaposi's sarcoma	0	1	0	27
Others	3	2	0	90
Total	**30**	**16**	**15**	**1,171**

Chart 9.1 AIDS defining illness of total reported AIDS



Format: [ADI; Number; %]

Chart 9.2 AIDS defining illness of reported AIDS by year



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 (1-9)
Others	5	4	2	5	1	4	1	7	7	6	6
Kaposi's sarcoma	0	0	0	1	0	1	0	1	4	2	1
Non-TB mycobacterial infections	1	5	2	1	2	0	1	0	1	2	0
Cytomegalovirus diseases	3	2	0	3	1	2	3	4	6	3	2
Penicilliosis	5	1	7	5	4	7	11	4	6	1	5
Other fungal infections	4	5	8	4	6	5	4	3	3	6	4
Tuberculosis	19	17	9	15	13	25	26	32	32	24	17
Pneumocystis carinii pneumonia	30	26	25	22	22	20	27	28	37	32	30

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 (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	In year 2009
Syphilis				
Primary	11	20	16	63
Secondary	13	18	23	69
Early latent	25	25	13	61
Late latent	232	221	248	816
Late (cardiovascular / neuro /ocular)	6	3	2	12
Congenital (early)	0	0	0	0
Congenital (late)	0	0	0	3
Syphilis total	**287**	**287**	**302**	**1,024**

(to be cont'd)

Table 10.1 (Cont'd)

	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	In year 2009
Gonorrhoea	216	267	370	1,401
Non-gonococcal urethritis (Male)	862	825	1049	3,922
Non-specific genital infection (Female)	742	822	740	3,006
Genital wart	481	499	561	2,140
Herpes genitalis	157	164	148	603
Pediculosis pubis	29	45	32	117
Trichomonas	122	85	111	396
Genital ulcer	4	7	2	10
Chancroid / *Lymphogranuloma venereum*	0	0	0	0
Others	278	280	259	1,070
Total	**3,178**	**3,281**	**3,574**	**13,689**

11. Gender distribution of reported STIs

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

	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	In year 2009
Primary Syphilis				
Male (M)	10	20	16	60
Female (F)	1	0	0	3
M:F	**10.0 : 1**	**N.A.**	**N.A.**	**20.0 : 1**
Gonorrhoea				
Male (M)	195	225	336	1,264
Female (F)	21	42	34	137
M:F	**9.3 : 1**	**5.4 : 1**	**9.9 : 1**	**9.2 : 1**
NGU / NSGI *				
Male (M)	862	825	1049	3,922
Female (F)	742	822	740	3,006
M:F	**1.2 : 1**	**1.0 : 1**	**1.4 : 1**	**1.3 : 1**

(to be cont'd)

Table 11.1 (Cont'd)

	This quarter (Jul - Sep 2010)	Last quarter (Apr - Jun 2010)	Same quarter last year (Jul - Sep 2009)	In year 2009
Genital wart				
Male (M)	360	356	404	1,552
Female (F)	121	143	157	588
M:F	**3.0 : 1**	**2.5 : 1**	**2.6 : 1**	**2.6 : 1**
Herpes genitails				
Male (M)	108	116	97	415
Female (F)	49	48	51	188
M:F	**2.2 : 1**	**2.4 : 1**	**1.9 : 1**	**2.2 : 1**

* NGU = Non-gonococcal urethritis
NSGI = Non-specific genital infection

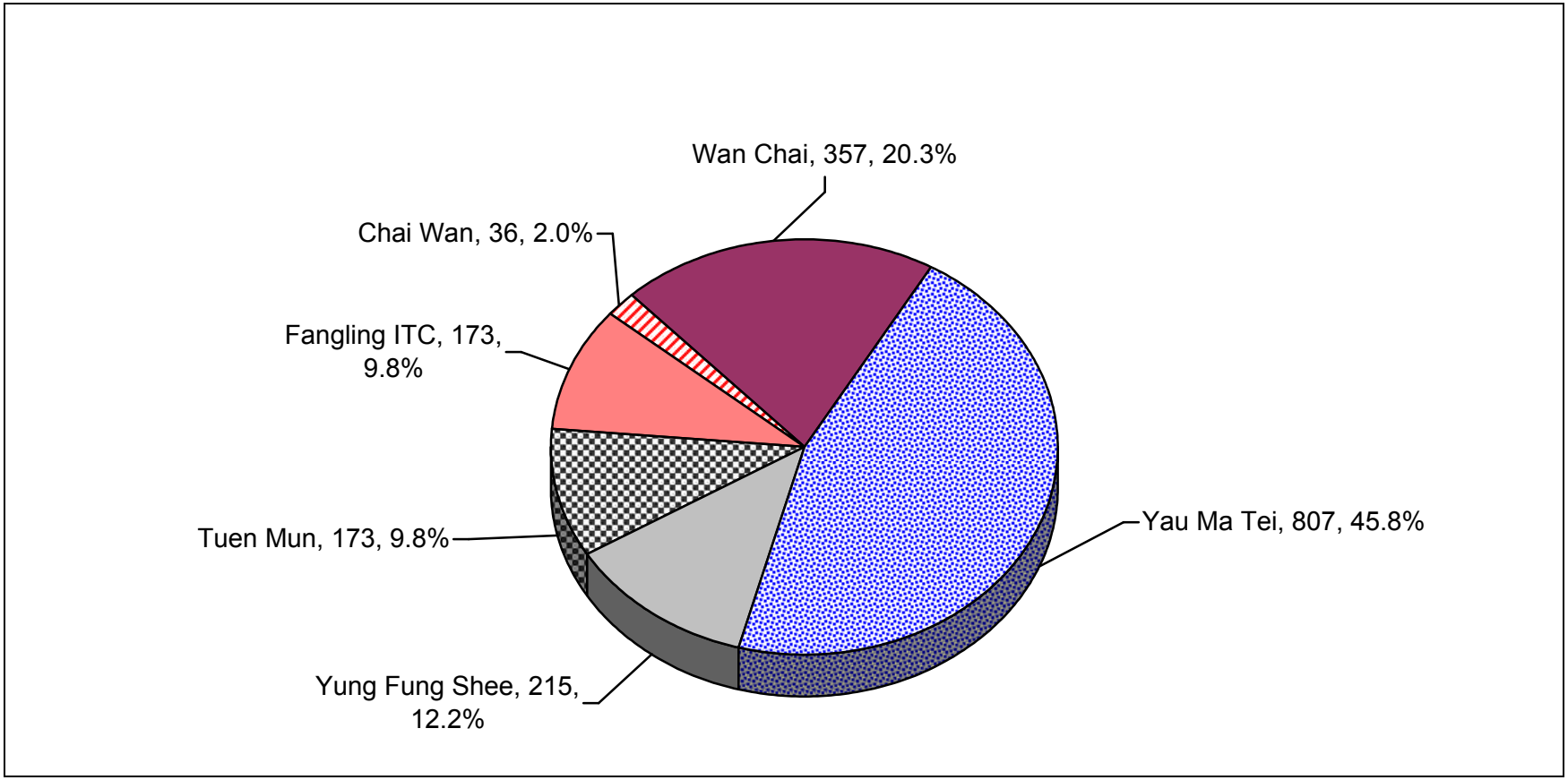
Table 11.2 Gender distribution of reported STI by clinic

	This quarter (Jul - Sep 2010)		Last quarter (Apr - Jun 2010)		Same quarter last year (Jul - Sep 2009)		In year 2009	
	Male	Female	Male	Female	Male	Female	Male	Female
Chai Wan	36	36	38	41	70	41	213	148
Wan Chai	357	189	371	186	394	201	1,518	777
Yau Ma Tei	807	804	819	851	969	761	3,756	3,150
Yung Fung Shee	215	110	222	125	307	137	1,168	462
Tuen Mun	173	159	179	146	184	174	697	603
Fanling ITC	173	119	153	150	224	112	754	443
Total	**1,761**	**1,417**	**1,782**	**1,499**	**2,148**	**1,426**	**8,106**	**5,583**

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

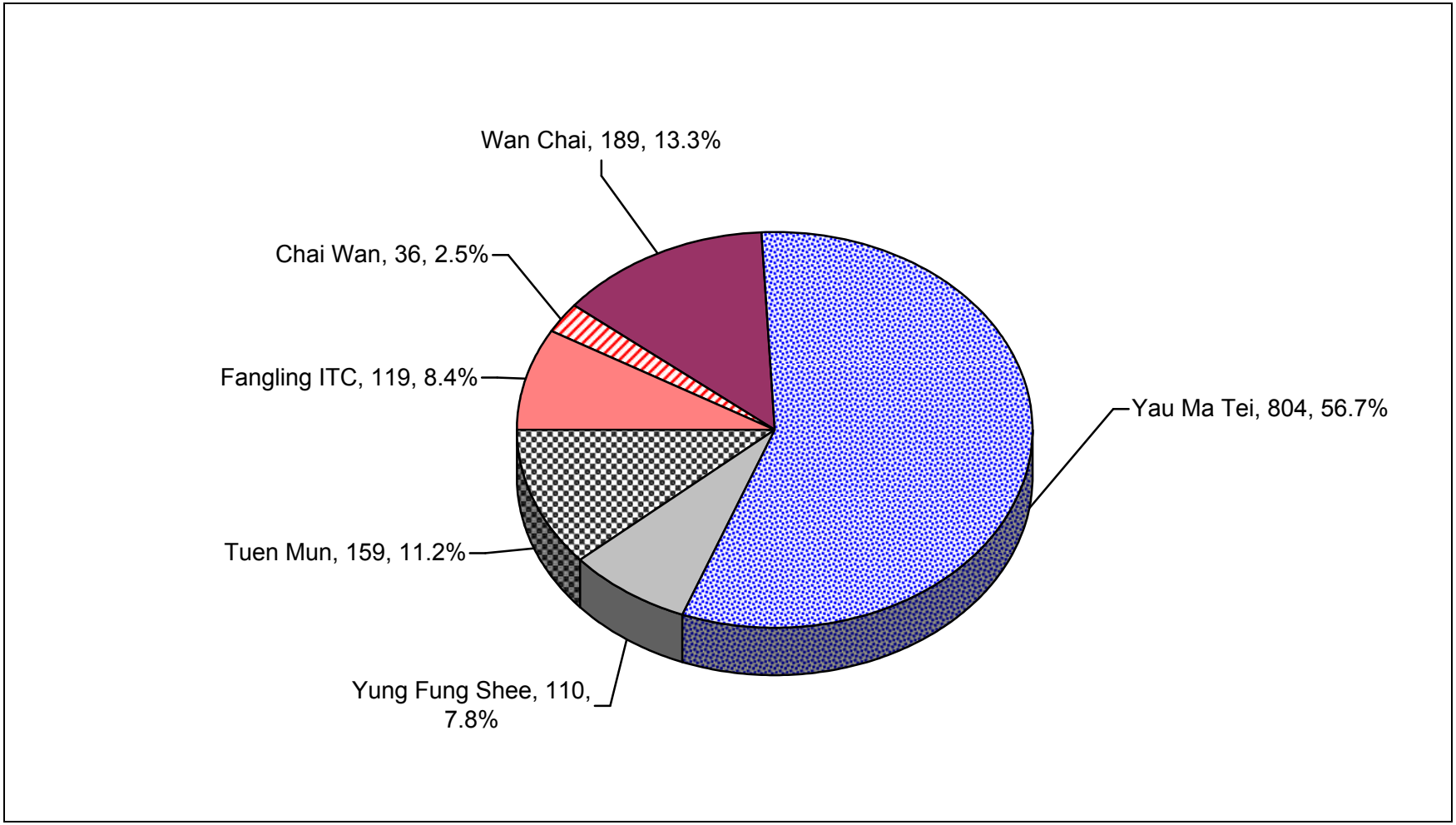
12. Clinic distribution

Chart 12.1 Number of male client reported in Q3 2010 by clinic



Format : [Clinic ; Number ; %]

Chart 12.2 Number of female client reported in Q3 2010 by clinic



Format : [Clinic ; Number ; %]