



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 December 2016.

SPP Surveillance Team:

Dr. Alfred SIT

Mr. Steve YIM

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) 3143 7200 Fax: (852) 2338 0534

E-mail: aids@dh.gov.hk

List of Tables / Figures

LIST OF TABLES / FIGURES	137
1. NUMBER OF HIV/AIDS REPORTED	139
TABLE 1.1 SUMMARY TABLE ON THE REPORTED NUMBER OF HIV/AIDS	139
CHART 1.1 NUMBER OF HIV/AIDS REPORTED	142
2. GENDER DISTRIBUTION OF REPORTED HIV/AIDS	143
TABLE 2.1 GENDER DISTRIBUTION OF REPORTED HIV	143
CHART 2.1 GENDER DISTRIBUTION OF REPORTED HIV BY QUARTER	144
CHART 2.2 GENDER DISTRIBUTION OF REPORTED HIV BY YEAR	145
TABLE 2.2 GENDER DISTRIBUTION OF REPORTED AIDS	146
CHART 2.3 GENDER DISTRIBUTION OF REPORTED AIDS BY QUARTER	147
CHART 2.4 GENDER DISTRIBUTION OF REPORTED AIDS BY YEAR	148
3. ETHNICITY OF REPORTED HIV/AIDS	149
TABLE 3.1 DISTRIBUTION OF ETHNICITY OF REPORTED HIV	149
CHART 3.1 DISTRIBUTION OF ETHNICITY OF REPORTED HIV	150
TABLE 3.2 DISTRIBUTION OF ETHNICITY OF REPORTED AIDS	151
CHART 3.2 DISTRIBUTION OF ETHNICITY OF REPORTED AIDS	152
4. AGE DISTRIBUTION OF REPORTED HIV/AIDS	153
TABLE 4.1 AGE DISTRIBUTION OF REPORTED HIV	153
CHART 4.1 AGE DISTRIBUTION OF REPORTED HIV	154
CHART 4.2 AGE GROUP & GENDER OF TOTAL REPORTED HIV	155
TABLE 4.2 AGE DISTRIBUTION OF REPORTED AIDS	156
CHART 4.3 AGE DISTRIBUTION OF REPORTED AIDS	157
CHART 4.4 AGE GROUP & GENDER OF TOTAL REPORTED AIDS	158
5. EXPOSURE CATEGORIES OF REPORTED HIV/AIDS	159
TABLE 5.1 EXPOSURE CATEGORIES OF REPORTED HIV	159
CHART 5.1 EXPOSURE CATEGORIES OF REPORTED HIV	160
TABLE 5.2 EXPOSURE CATEGORIES OF REPORTED AIDS	161
CHART 5.2 EXPOSURE CATEGORIES OF REPORTED AIDS	162
6. RATIO (HETEROSEXUAL : HOMOSEXUAL / BISEXUAL) OF SEXUALLY ACQUIRED HIV INFECTION IN MEN	163

TABLE 6.1 RATIO OF SEXUALLY ACQUIRED INFECTION IN MEN WITH REPORTED HIV/AIDS (HETEROSEXUAL : HOMO / BISEXUAL) BY QUARTER	163
TABLE 6.2 RATIO OF SEXUALLY ACQUIRED INFECTION IN MEN WITH REPORTED HIV/AIDS (HETEROSEXUAL : HOMO / BISEXUAL) BY YEAR	164
7. INJECTING DRUG USERS IN REPORTED HIV/AIDS	165
TABLE 7.1 INJECTING DRUG USERS IN REPORTED HIV/AIDS	165
TABLE 7.2 NUMBER OF INJECTING DRUG USER IN REPORTED HIV/AIDS BY YEAR	166
8. SOURCE OF REFERRAL OF REPORTED HIV/AIDS	167
TABLE 8.1 SOURCE OF REFERRAL OF REPORTED HIV	167
CHART 8.1 SOURCE OF REFERRAL OF REPORTED HIV	168
TABLE 8.2 SOURCE OF REFERRAL OF REPORTED AIDS	169
CHART 8.2 SOURCE OF REFERRAL OF REPORTED AIDS	170
9. DISTRIBUTION OF AIDS DEFINING ILLNESSES	171
TABLE 9.1 DISTRIBUTION OF AIDS DEFINING ILLNESS OF REPORTED AIDS	171
CHART 9.1 AIDS DEFINING ILLNESS OF TOTAL REPORTED AIDS	172
CHART 9.2 AIDS DEFINING ILLNESS OF REPORTED AIDS BY YEAR	173
10. REPORTED SEXUALLY TRANSMITTED INFECTIONS (STIS) DIAGNOSED IN SOCIAL HYGIENE SERVICE	174
TABLE 10.1 SUMMARY TABLE ON THE REPORTED STIs DIAGNOSED IN SOCIAL HYGIENE SERVICE	174
11. GENDER DISTRIBUTION OF REPORTED STIS	176
TABLE 11.1 GENDER DISTRIBUTION OF SELECTED STI REPORTED BY SOCIAL HYGIENE SERVICE	176
TABLE 11.2 GENDER DISTRIBUTION OF REPORTED STI BY CLINIC	178
12. CLINIC DISTRIBUTION	179
CHART 12.1 NUMBER OF NEWLY REPORT STI IN Q4 2016 BY CLINIC (MALE CLIENTS)	179
CHART 12.2 NUMBER OF NEWLY REPORT STI IN Q4 2016 BY CLINIC (FEMALE CLIENTS)	180

1. Number of HIV/AIDS reported

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

	This quarter (Oct - Dec 2016)		Last quarter (Jul - Sep 2016)		Same quarter last year (Oct - Dec 2015)		Cumulative (1984 – 2016)	
	HIV	AIDS	HIV	AIDS	HIV	AIDS	HIV	AIDS
Sex								
Male	146	16	166	33	159	27	6,814	1,470
Female	21	9	24	8	25	2	1,596	296
Ethnicity/race								
Chinese	110	20	153	33	131	23	5,752	1,355
Non-Chinese	34	5	32	8	44	6	2,486	411
<i>Asian</i>	9	5	16	6	22	4	1,230	273
<i>White</i>	6	0	1	0	8	1	533	95
<i>Black</i>	3	0	6	2	6	1	207	39
<i>Others</i>	16	0	9	0	8	0	516	4
Unknown	23	0	5	0	9	0	172	0

(to be cont'd)

Table 1.1 (cont'd)

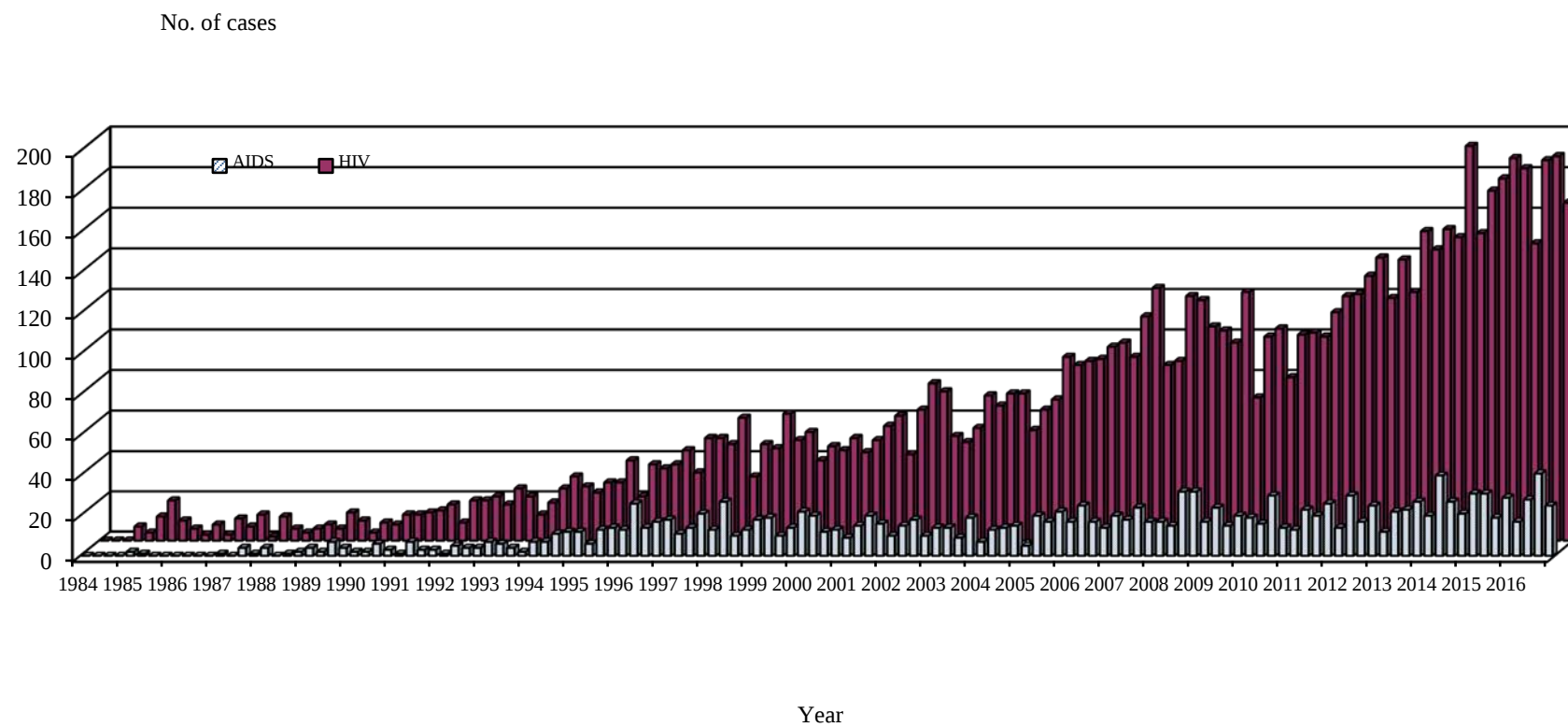
	This quarter (Oct - Dec 2016)		Last quarter (Jul - Sep 2016)		Same quarter last year (Oct - Dec 2015)		Cumulative (1984 – 2016)	
	HIV	AIDS	HIV	AIDS	HIV	AIDS	HIV	AIDS
Age at diagnosis								
Adult	167	25	190	41	183	29	8,359	1,752
Child (age 13 or less)	0	0	0	0	1	0	51	14
Exposure category								
Heterosexual	26	10	42	22	32	9	2,950	969
Homosexual	90	12	105	12	105	15	3,193	486
Bisexual	4	2	16	4	17	3	386	88
Injecting drug use	0	0	2	1	4	1	351	64
Blood / blood product infusion	0	0	0	0	0	0	84	24
Perinatal	0	0	0	0	1	0	29	9
Undetermined	47	1	25	2	25	1	1,417	126

(to be cont'd)

Table 1.1 (Cont'd)

	This quarter (Oct - Dec 2016)		Last quarter (Jul - Sep 2016)		Same quarter last year (Oct - Dec 2015)		Cumulative (1984 – 2016)	
Source of referral	HIV	AIDS	HIV	AIDS	HIV	AIDS	HIV	AIDS
Public hospitals / clinics / laboratories	57	19	73	36	63	23	3,393	1,344
Private hospitals / clinics / laboratories	29	4	40	3	34	4	1,742	234
Social Hygiene Clinics	32	1	22	1	34	2	1,184	62
DH AIDS Unit	17	1	23	0	20	0	1,067	99
AIDS service organisations (NGOs)	31	0	28	1	25	0	746	12
Hong Kong Red Cross Blood Transfusion Service	1	0	2	0	5	0	152	9
Drug rehabilitation services	0	0	2	0	3	0	126	6
Total	167	25	190	41	184	29	8,410	1,766

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 (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
Male	146	166	159	6,814
Female	21	24	25	1,596
Total	167	190	184	8,410

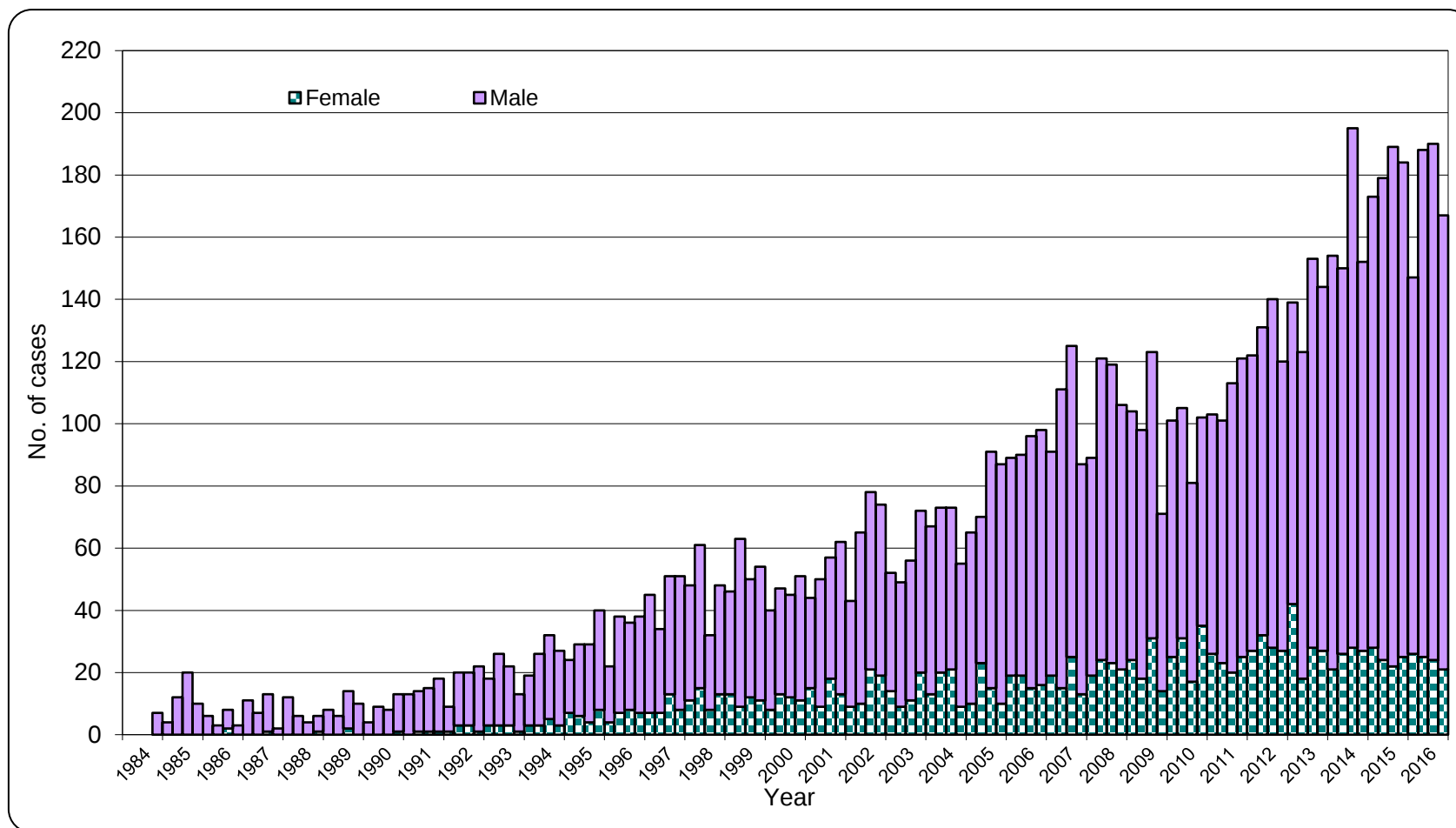
Chart 2.1 Gender distribution of reported HIV by quarter

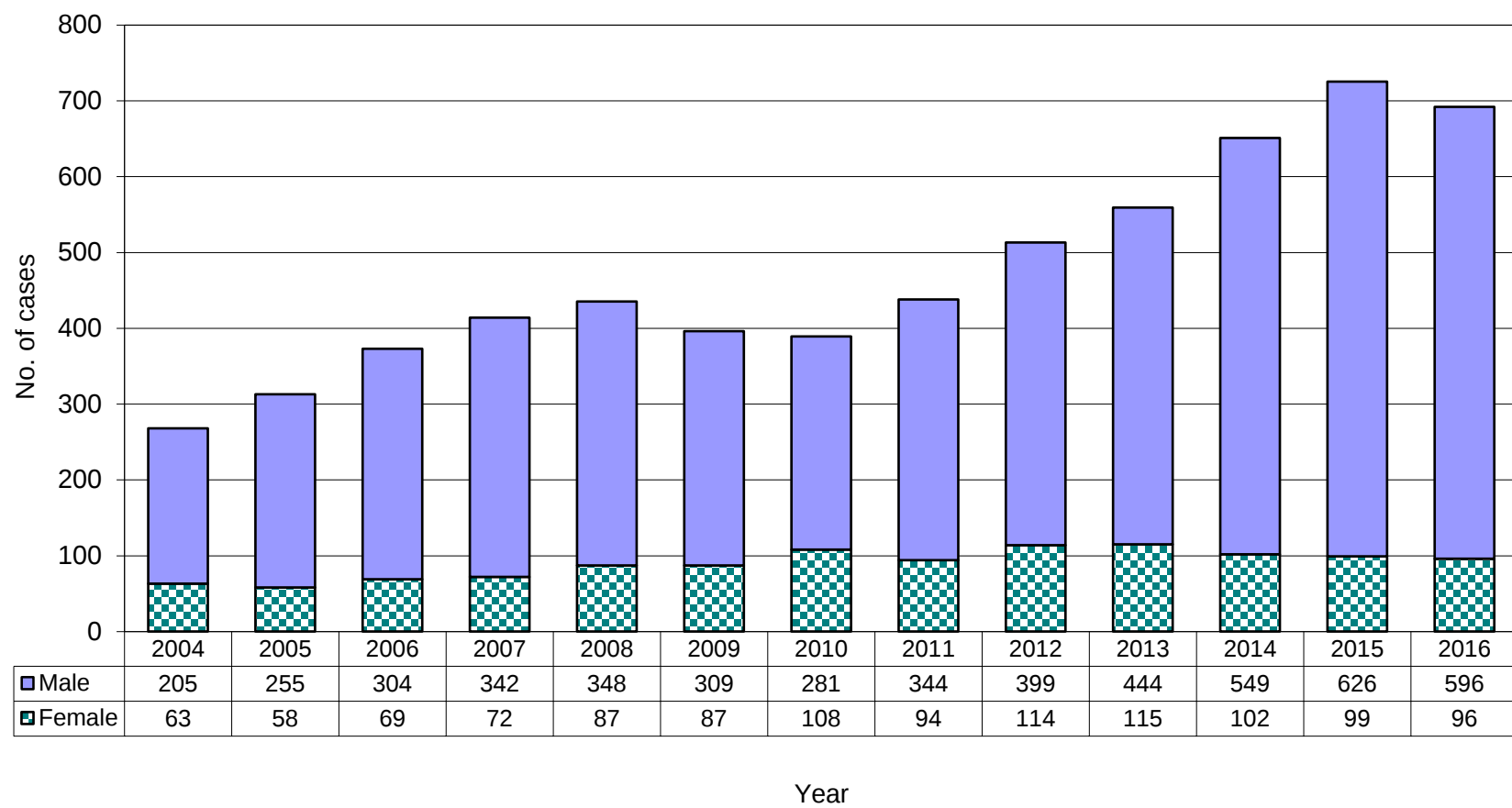
Chart 2.2 Gender distribution of reported HIV by year

Table 2.2 Gender distribution of reported AIDS

	This quarter (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
Male	16	33	27	1,470
Female	9	8	2	296
Total	25	41	29	1,766

Chart 2.3 Gender distribution of reported AIDS by quarter

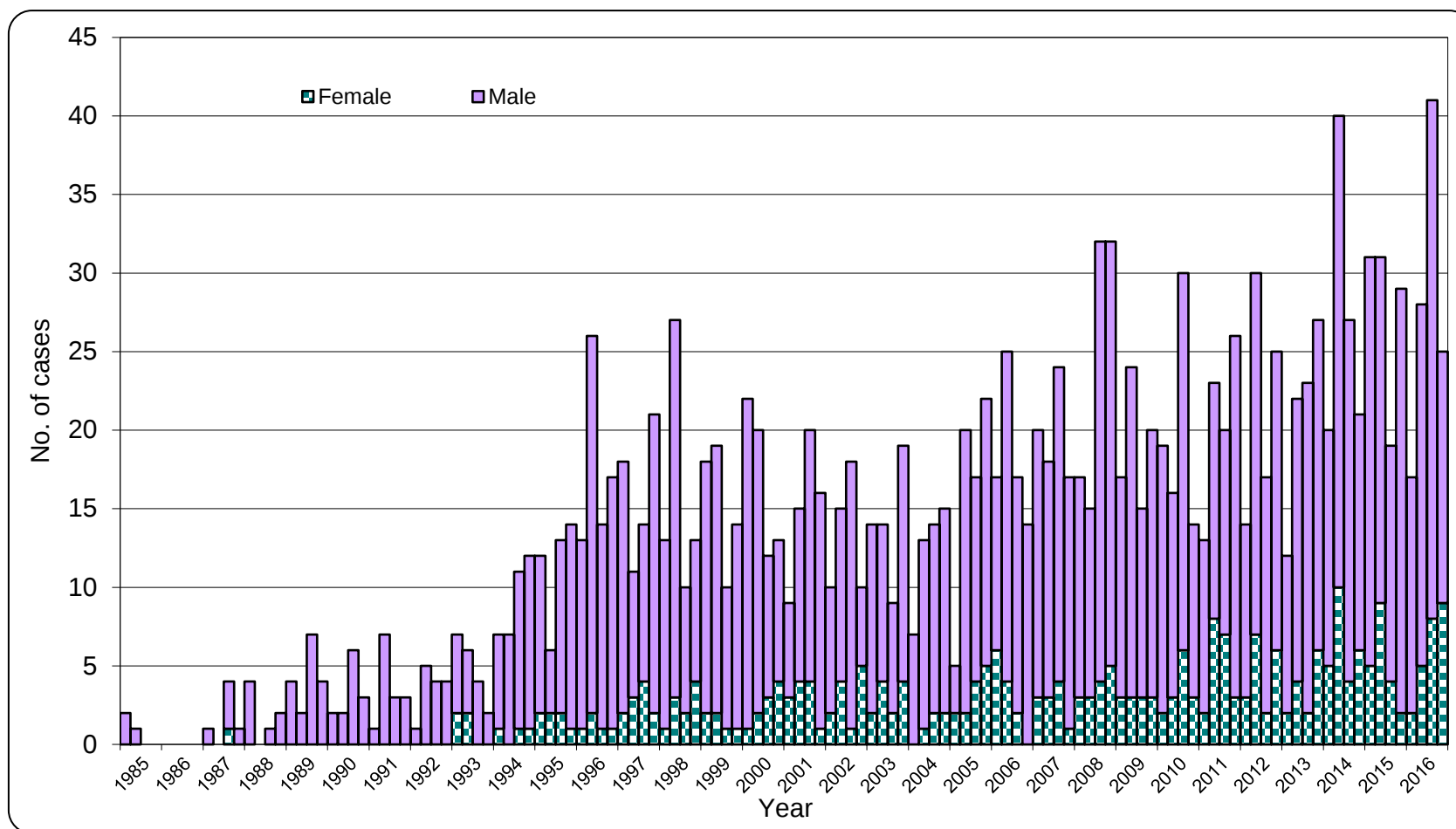
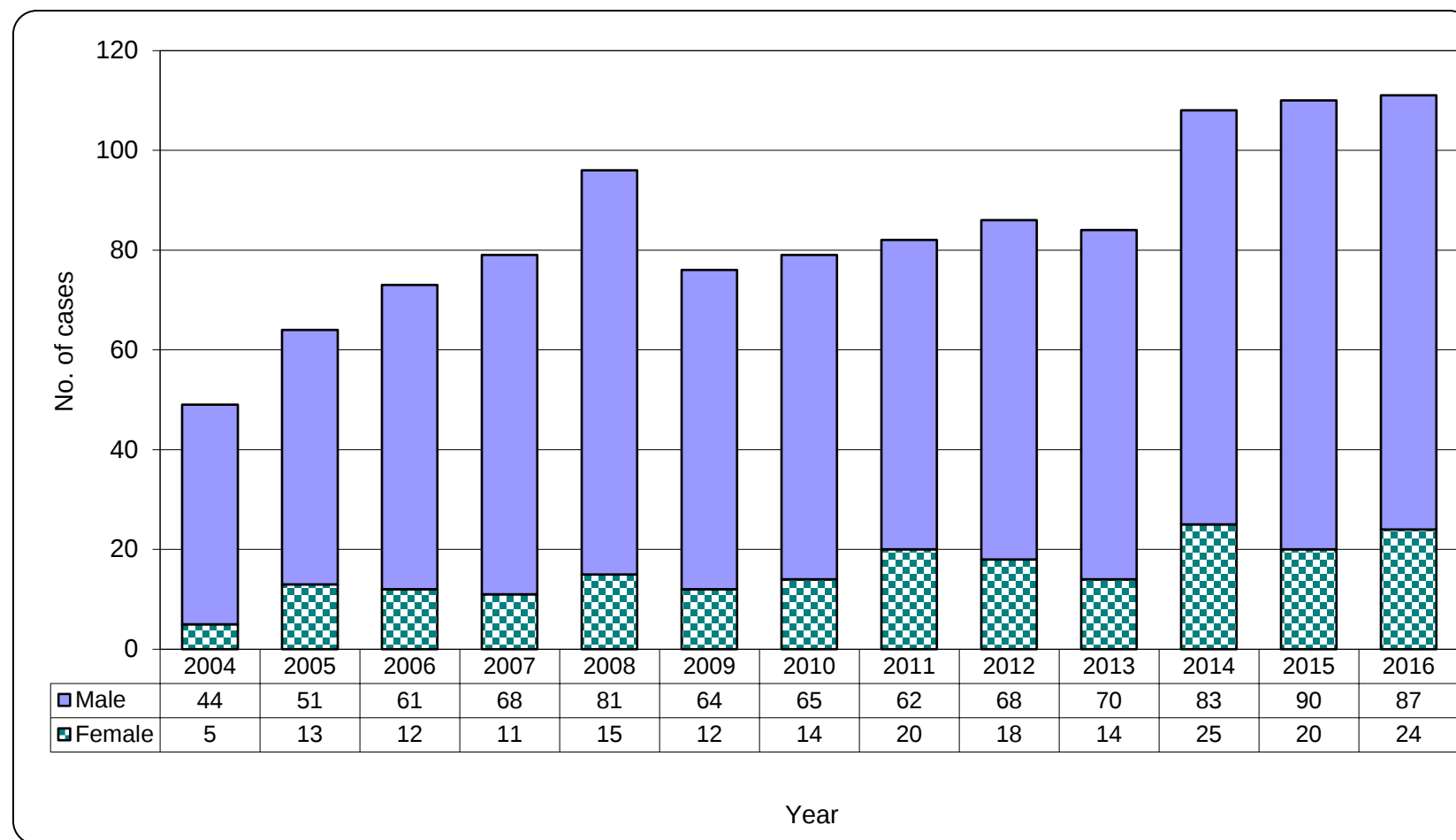


Chart 2.4 Gender distribution of reported AIDS by year

3. Ethnicity of reported HIV/AIDS

Table 3.1 Distribution of ethnicity of reported HIV

	This quarter (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
Chinese	110	153	131	5,752
Non-Chinese	34	32	44	2,486
<i>Asian</i>	9	16	22	1,230
<i>White</i>	6	1	8	533
<i>Black</i>	3	6	6	207
<i>Others</i>	16	9	8	516
Unknown	23	5	9	172
Total	167	190	184	8,410

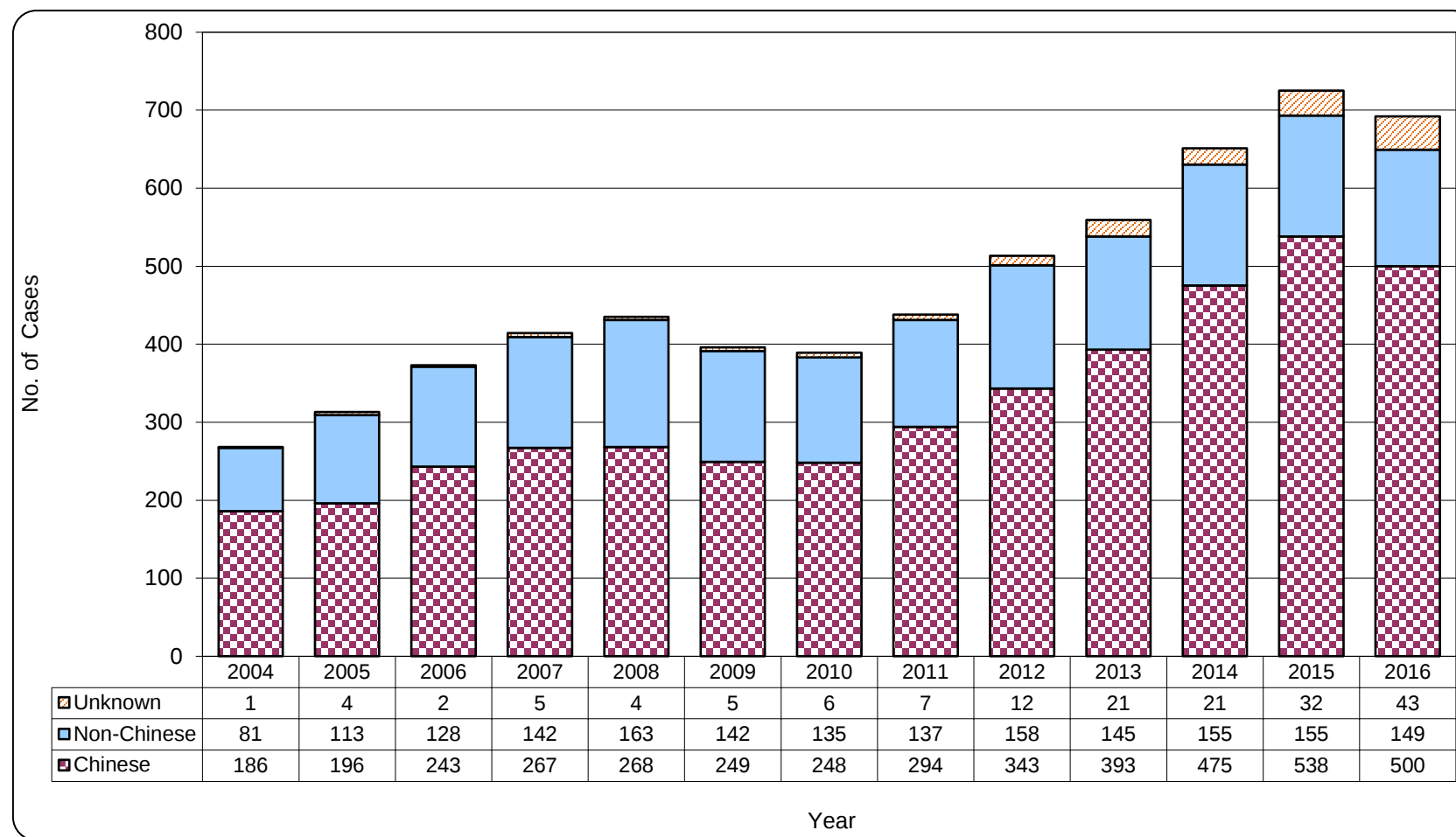
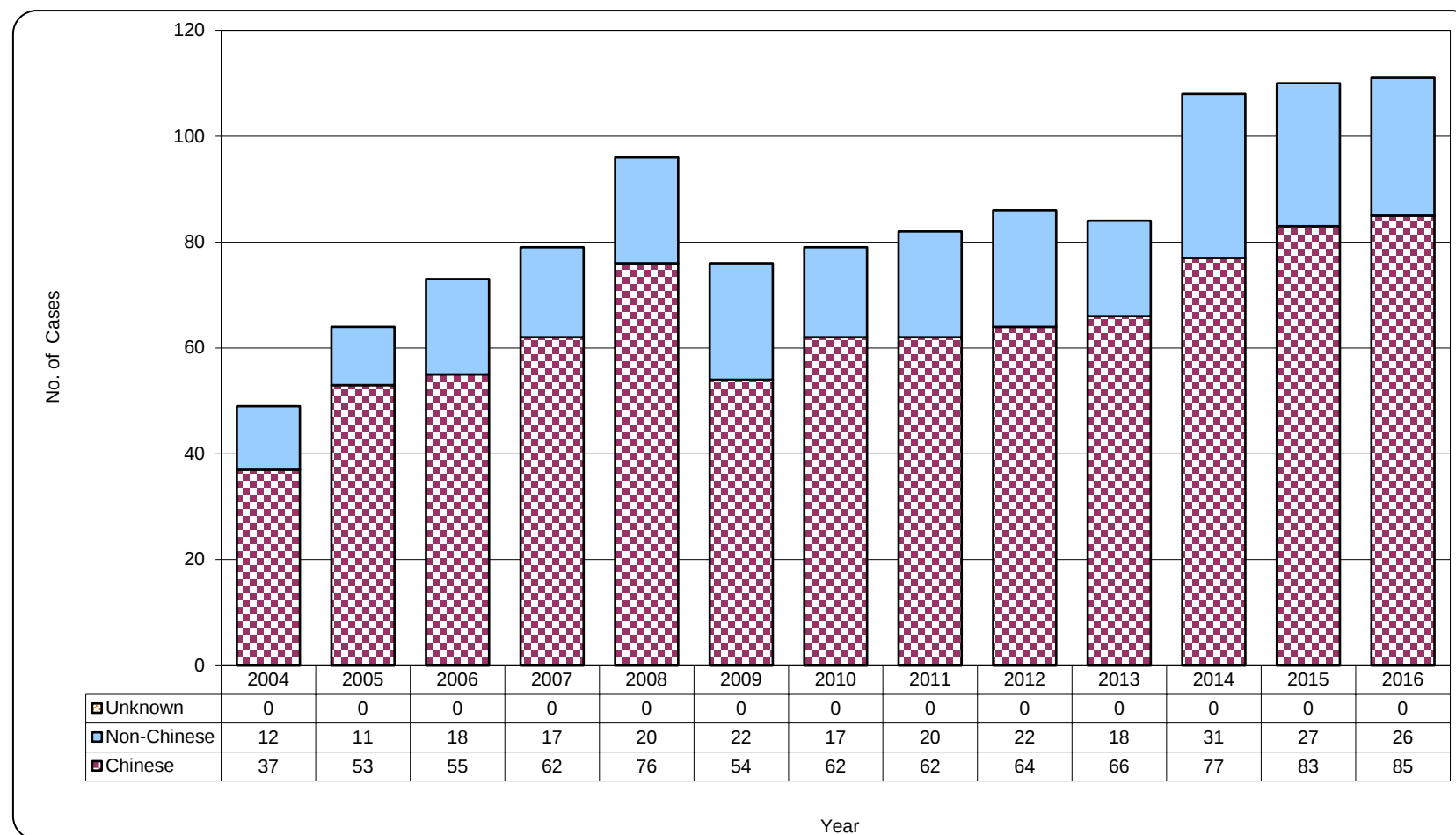
Chart 3.1 Distribution of ethnicity of reported HIV

Table 3.2 Distribution of ethnicity of reported AIDS

	This quarter (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
Chinese	20	33	23	1,355
Non-Chinese	5	8	6	411
<i>Asian</i>	5	6	4	273
<i>White</i>	0	0	1	95
<i>Black</i>	0	2	1	39
<i>Others</i>	0	0	0	4
Unknown	0	0	0	0
Total	25	41	29	1,766

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 (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
Adult	167	190	183	8,359
Child (age 13 or less)	0	0	1	51
Total	167	190	184	8,410

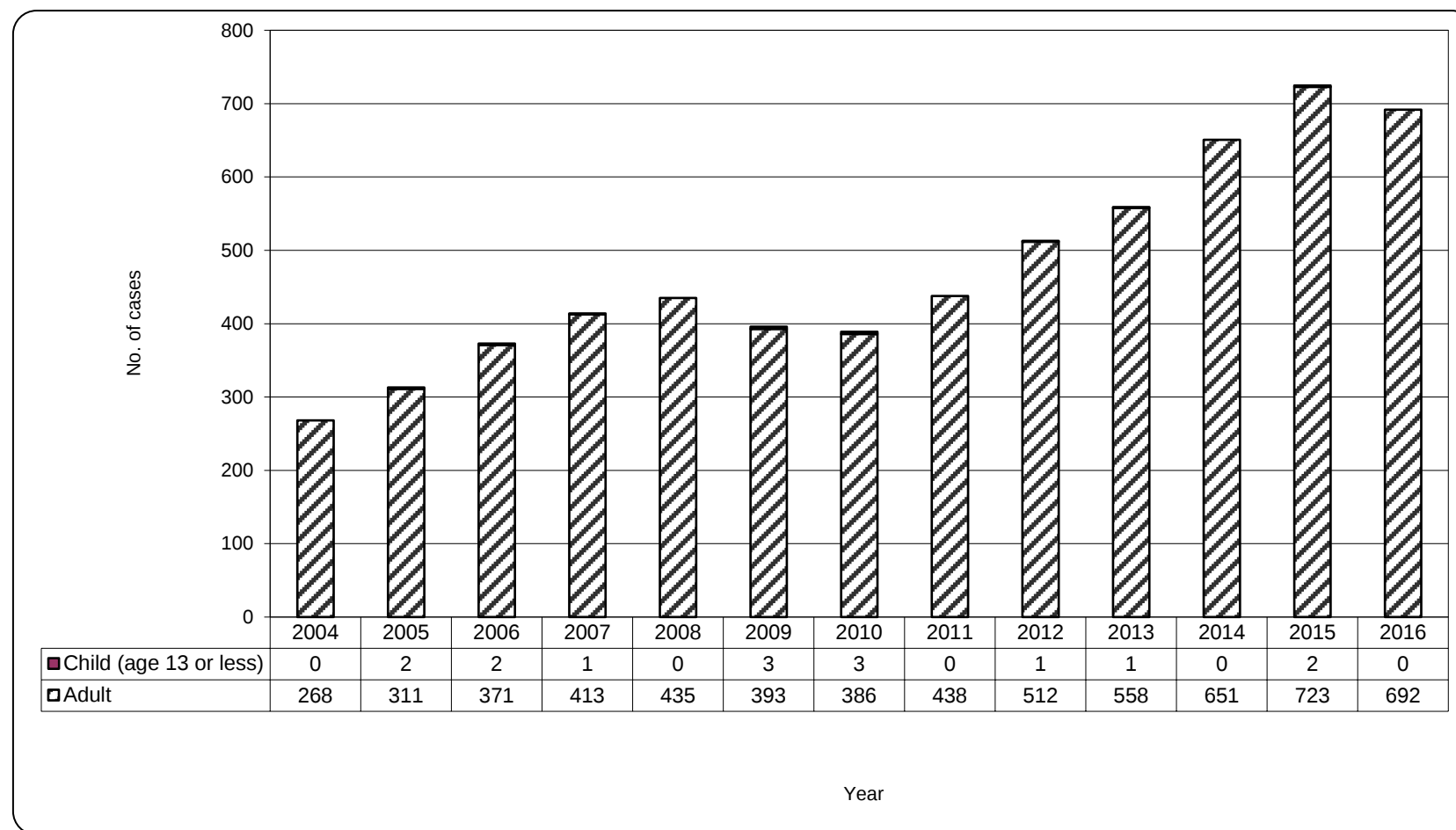
Chart 4.1 Age distribution of reported HIV

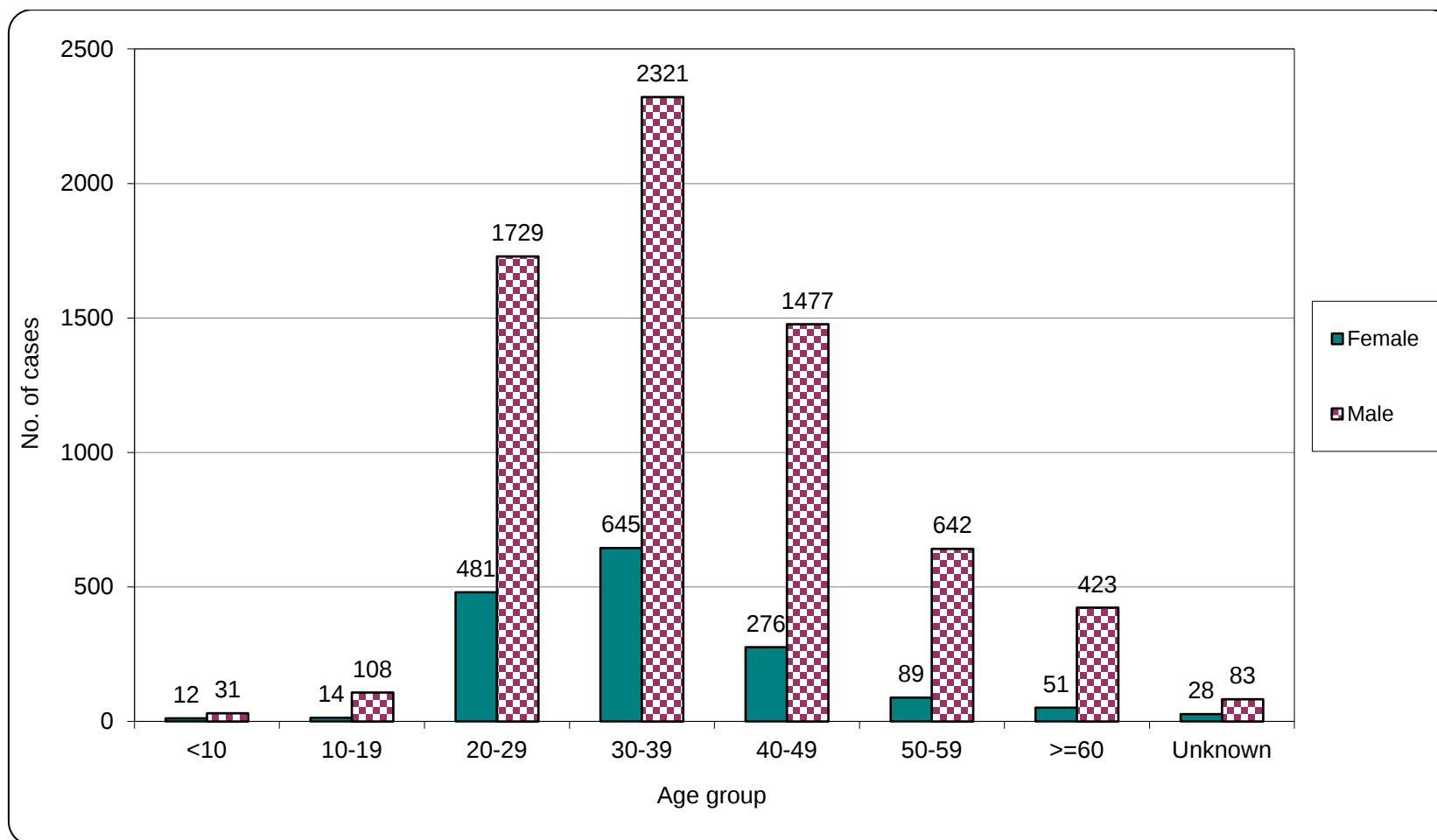
Chart 4.2 Age group & gender of total reported HIV

Table 4.2 Age distribution of reported AIDS

	This quarter (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
Adult	25	41	29	1,752
Child (age 13 or less)	0	0	0	14
Total	25	41	29	1,766

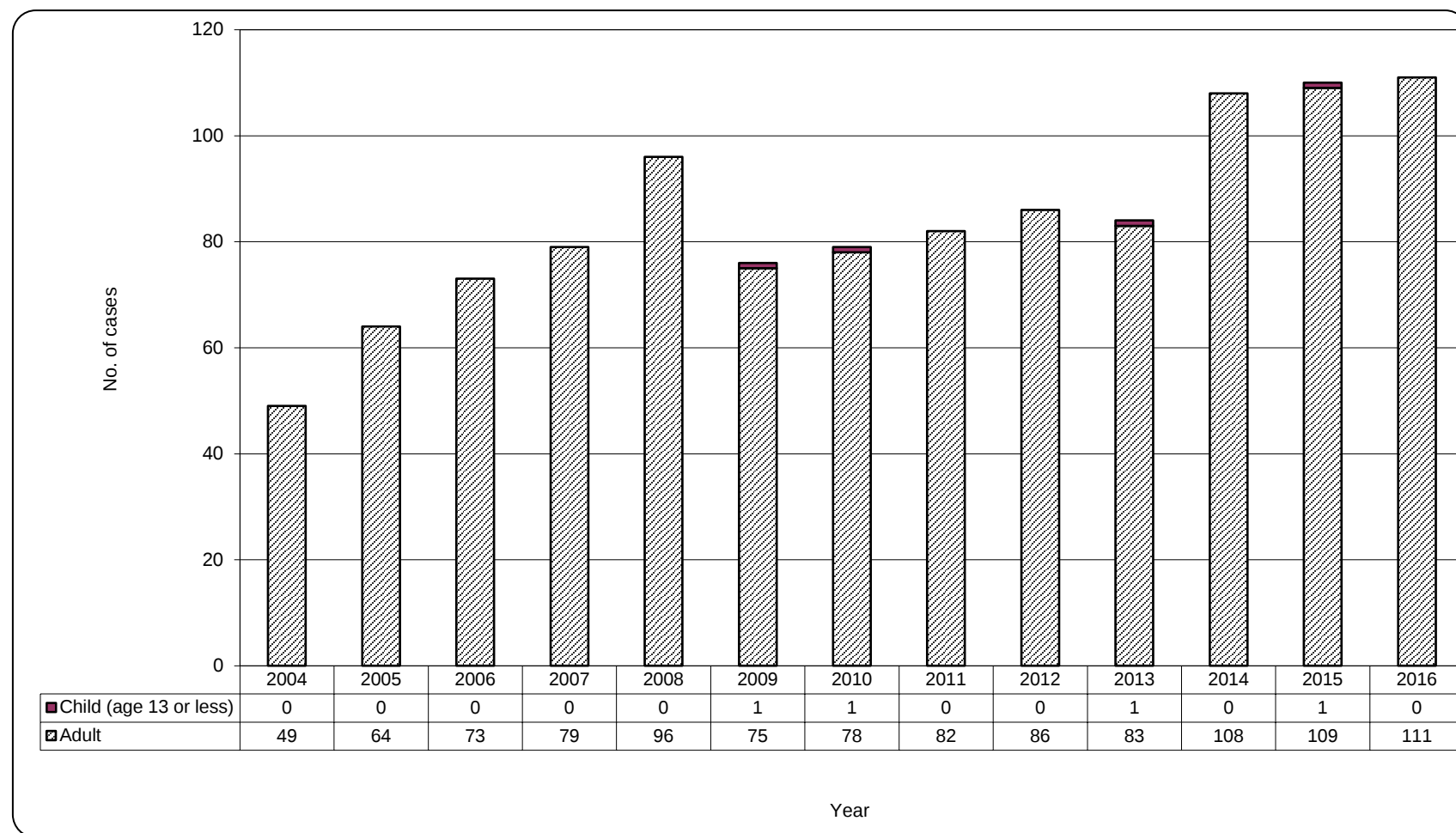
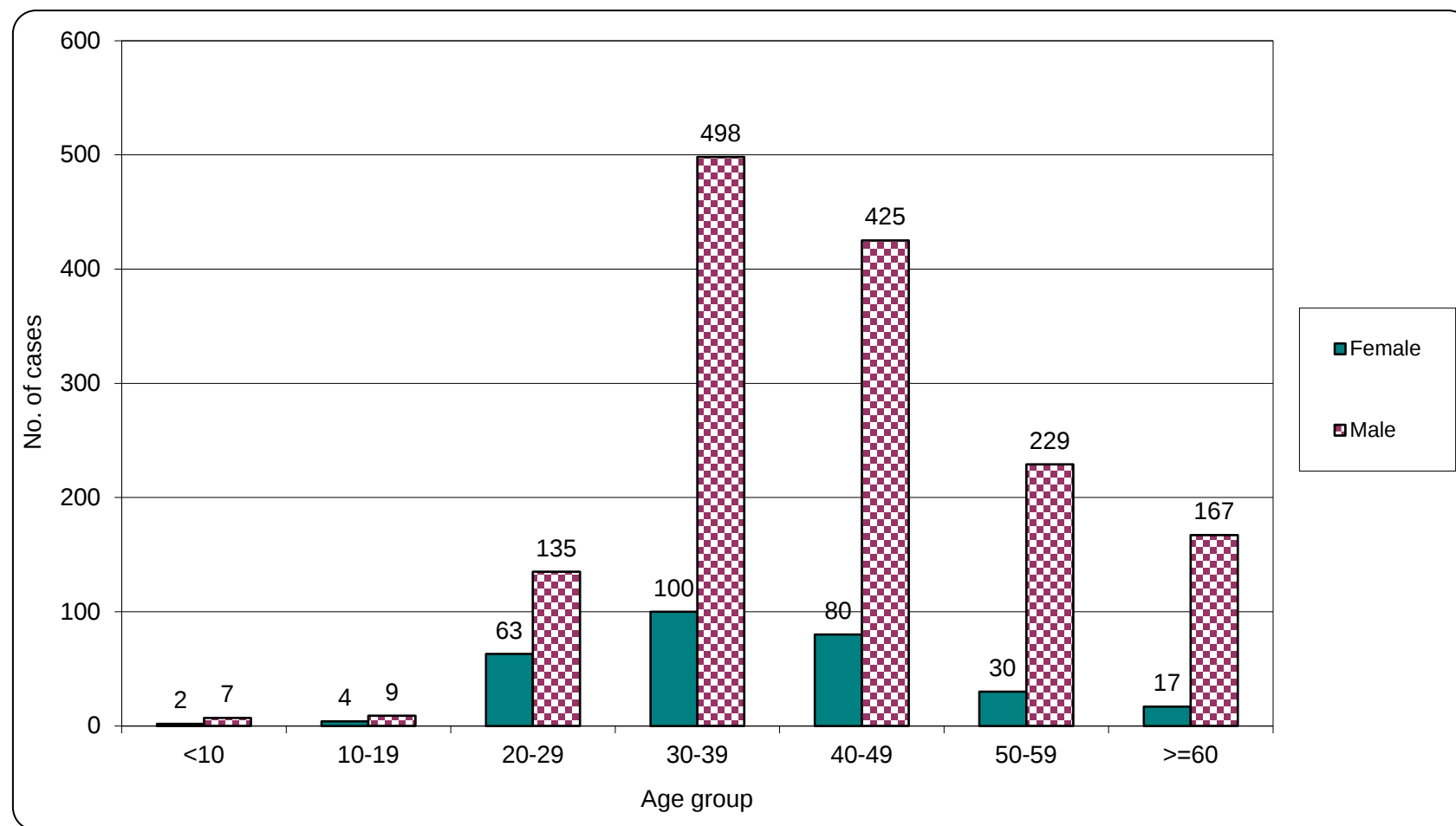
Chart 4.3 Age distribution of reported AIDS

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 (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
Heterosexual	26	42	32	2,950
Homosexual	90	105	105	3,193
Bisexual	4	16	17	386
Injecting drug use	0	2	4	351
Blood / blood product infusion	0	0	0	84
Perinatal	0	0	1	29
Undetermined	47	25	25	1,417
Total	167	190	184	8,410

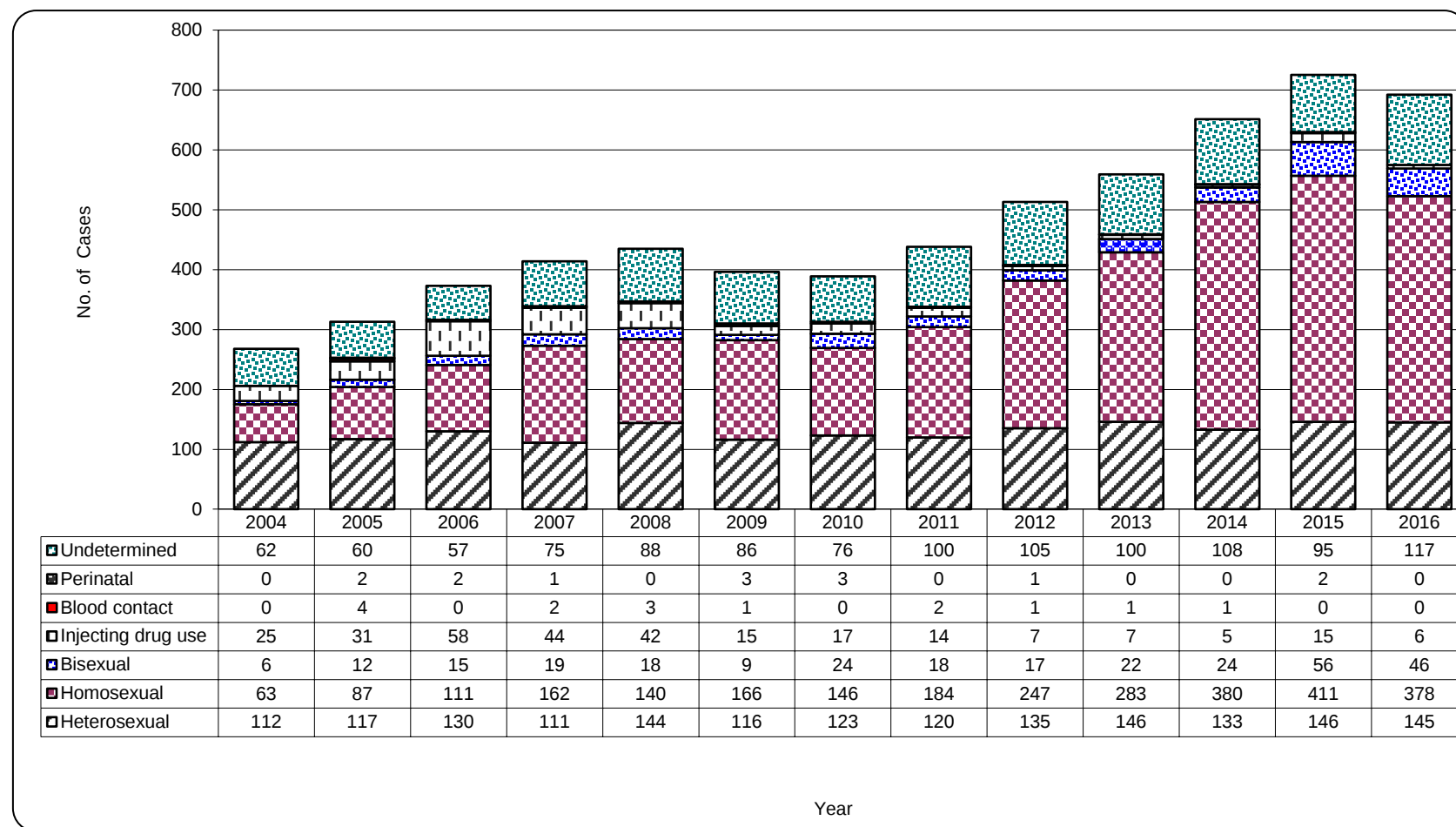
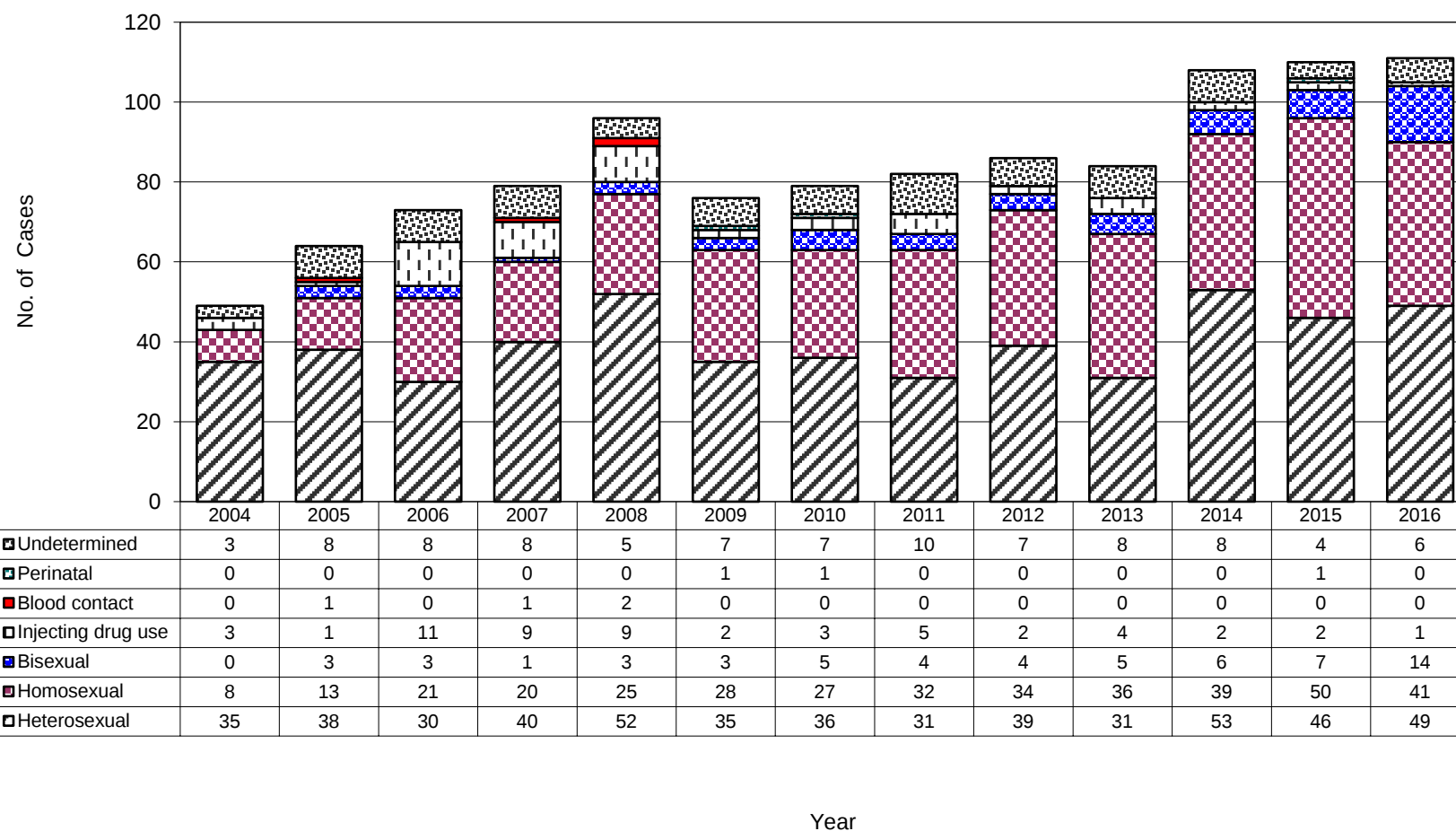
Chart 5.1 Exposure categories of reported HIV

Table 5.2 Exposure categories of reported AIDS

	This quarter (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
Heterosexual	10	22	9	969
Homosexual	12	12	15	486
Bisexual	2	4	3	88
Injecting drug use	0	1	1	64
Blood / blood product infusion	0	0	0	24
Perinatal	0	0	0	9
Undetermined	1	2	1	126
Total	25	41	29	1,766

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 (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
HIV	0.1 : 1	0.2 : 1	0.1 : 1	0.5 : 1
AIDS	0.1 : 1	0.9 : 1	0.4 : 1	1.2 : 1

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

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	1984 – 2016
HIV	0.8 : 1	0.7 : 1	0.4 : 1	0.6 : 1	0.4 : 1	0.4 : 1	0.3 : 1	0.3 : 1	0.2 : 1	0.2 : 1	0.2 : 1	0.2 : 1	0.5 : 1
AIDS	1.8 : 1	0.8 : 1	1.5 : 1	1.4 : 1	0.8 : 1	0.8 : 1	0.4 : 1	0.6 : 1	0.4 : 1	0.7 : 1	0.5 : 1	0.5 : 1	1.2 : 1

7. Injecting drug users in reported HIV/AIDS

Table 7.1 Injecting drug users in reported HIV/AIDS

	This quarter (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
HIV (% of reported HIV)	0 0.0%	2 1.1%	4 2.2%	351 4.2%
AIDS (% of reported AIDS)	0 0.0%	1 2.4%	1 3.4%	64 3.6%

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

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	1984 – 2016
HIV (% of reported HIV)	31 (9.9%)	58 (15.5%)	44 (10.6%)	42 (9.7%)	15 (3.8%)	17 (4.4%)	14 (3.2%)	7 (1.4%)	7 (1.3%)	5 (0.8%)	15 (2.1%)	6 (0.9%)	351 (4.2%)
AIDS (% of reported AIDS)	1 (1.6%)	11 (15.1%)	9 (11.4%)	9 (9.4%)	2 (2.6%)	3 (3.8%)	5 (6.1%)	2 (2.3%)	4 (4.8%)	2 (1.9%)	2 (1.8%)	1 (0.9%)	64 (3.6%)

8. Source of referral of reported HIV/AIDS

Table 8.1 Source of referral of reported HIV

	This quarter (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
Public hospitals / clinics / laboratories	57	73	63	3,393
Private hospitals / clinics / laboratories	29	40	34	1,742
Social Hygiene Clinics	32	22	34	1,184
DH AIDS unit	17	23	20	1,067
AIDS service organisations (NGOs)	31	28	25	746
Hong Kong Red Cross Blood Transfusion Service	1	2	5	152
Drug rehabilitation services	0	2	3	126
Total	167	190	184	8,410

Chart 8.1 Source of referral of reported HIV

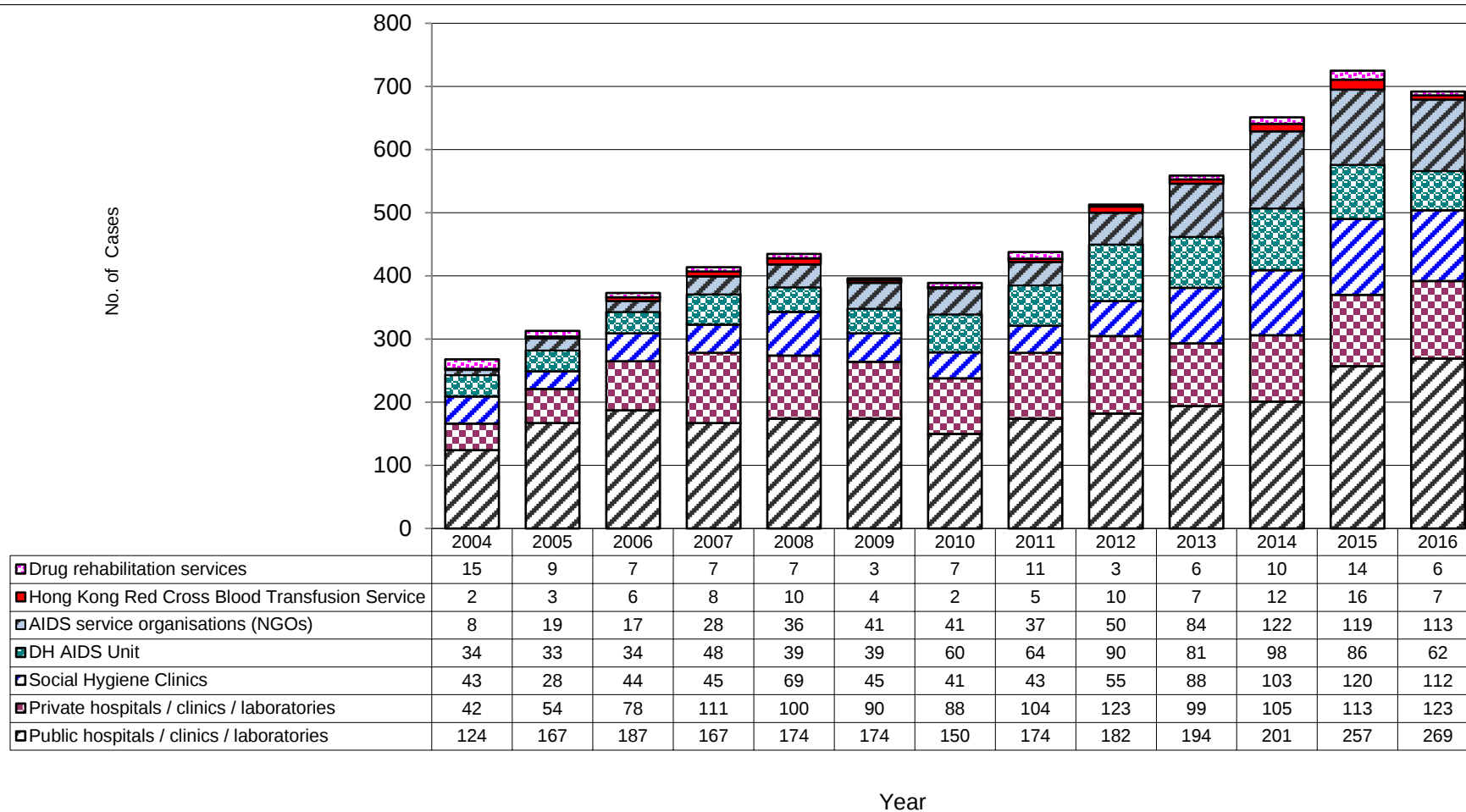
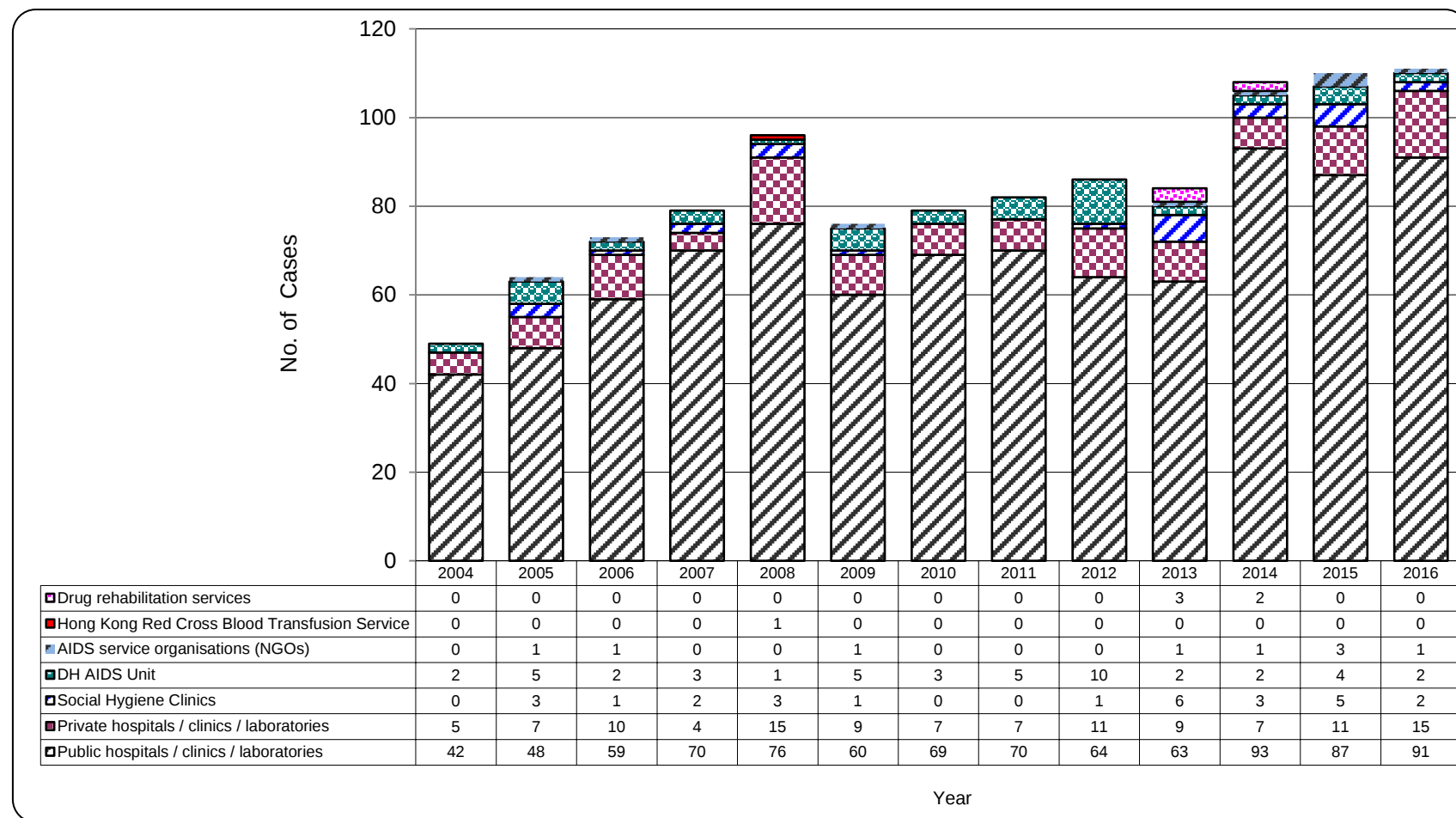


Table 8.2 Source of referral of reported AIDS

	This quarter (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
Public hospitals / clinics / laboratories	19	36	23	1,344
Private hospitals / clinics / laboratories	4	3	4	234
Social Hygiene Clinics	1	1	2	62
DH AIDS unit	1	0	0	99
AIDS service organisations (NGOs)	0	1	0	12
Hong Kong Red Cross Blood Transfusion Service	0	0	0	9
Drug rehabilitation services	0	0	0	6
Total	25	41	29	1,766

Chart 8.2 Source of referral of Reported AIDS

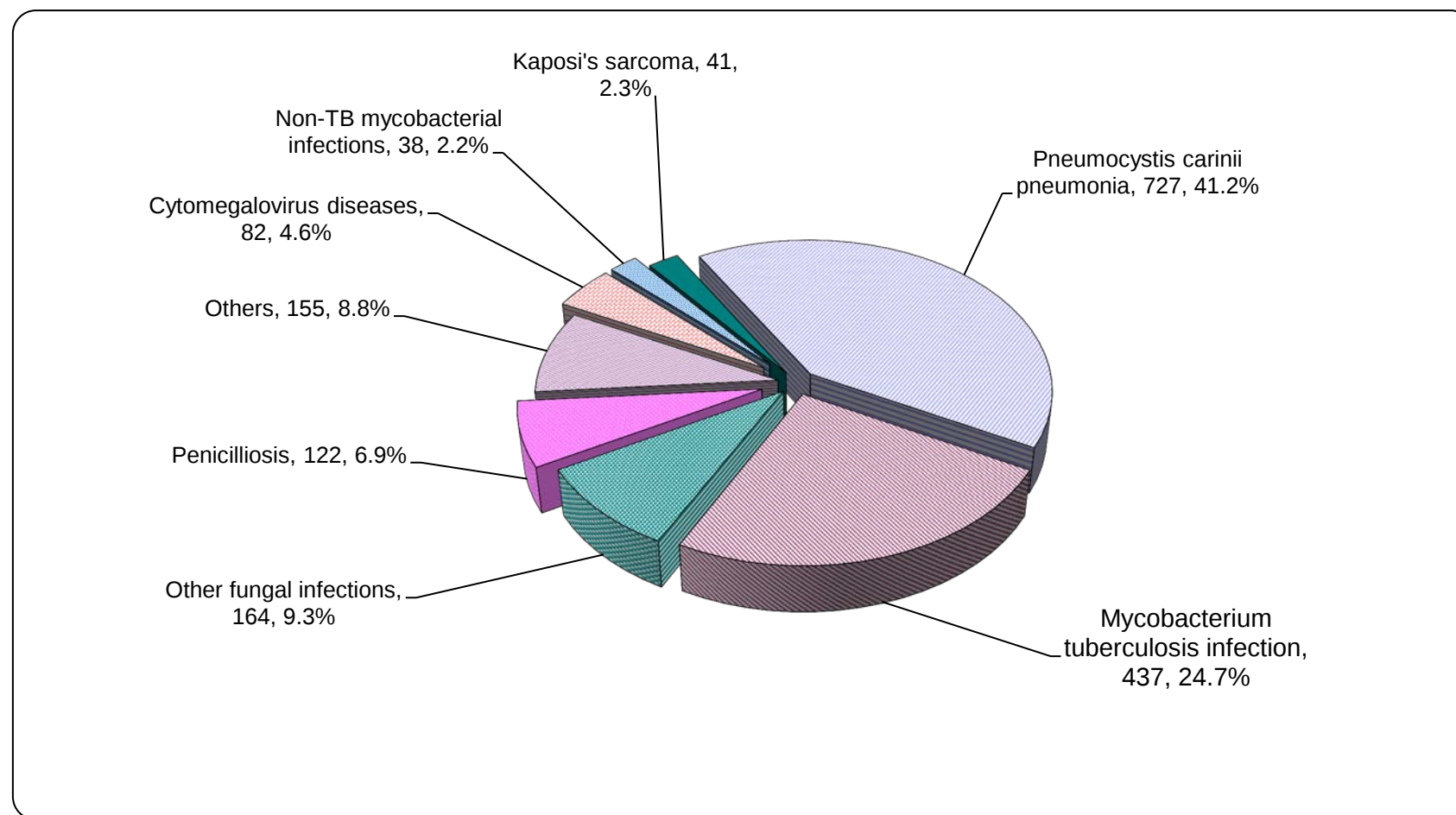


9. Distribution of AIDS defining illnesses

Table 9.1 Distribution of AIDS defining illness of reported AIDS

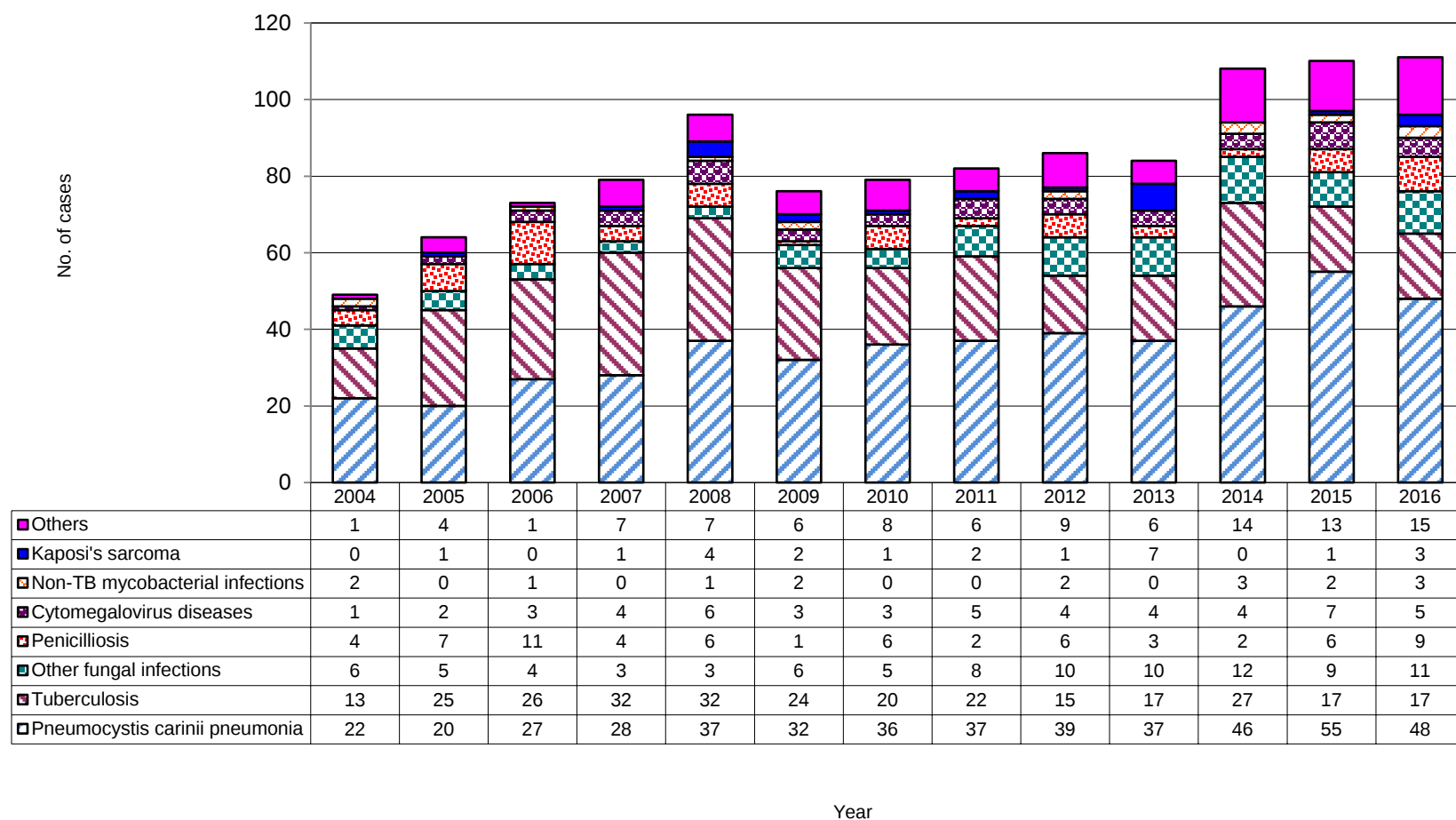
	This quarter (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	Cumulative (1984 – 2016)
<i>Pneumocystis carinii pneumonia</i>	11	18	11	727
<i>Mycobacterium tuberculosis</i>	3	8	5	437
Other fungal infections	3	5	4	164
Penicilliosis	2	3	3	122
Cytomegalovirus diseases	1	1	0	82
Non-TB mycobacterial infections	0	3	0	38
Kaposi's sarcoma	1	1	0	41
Others	4	2	6	155
Total	25	41	29	1,766

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 (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	In year 2016
Syphilis				
<i>Primary</i>	12	8	14	40
<i>Secondary</i>	41	47	52	147
<i>Early latent</i>	57	36	44	170
<i>Late latent</i>	145	163	180	652
<i>Late (cardiovascular / neuro /ocular)</i>	1	5	1	7
<i>Congenital (early)</i>	0	0	0	0
<i>Congenital (late)</i>	1	0	1	4
Syphilis total	257	259	292	1,020

(to be cont'd)

Table 10.1 (Cont'd)

	This quarter (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	In year 2016
Gonorrhoea	415	383	361	1,433
Non-gonococcal urethritis (Male)	891	951	820	3,539
Non-specific genital infection (Female)	543	565	559	2,125
Genital wart	448	511	492	1,865
<i>Herpes genitalis</i>	182	207	178	789
Pediculosis pubis	6	9	4	29
Trichomonas	77	75	91	306
Genital ulcer	4	5	3	16
Chancroid / <i>Lymphogranuloma venereum</i>	0	1	0	2
Others	312	344	429	1,201
Total	3,135	3,310	3,229	12,325

11. Gender distribution of reported STIs

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

	This quarter (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	In year 2016
Primary Syphilis				
Male (M)	12	8	14	40
Female (F)	0	0	0	0
M:F	N.A.	N.A.	N.A.	N.A.
Gonorrhoea				
Male (M)	361	338	309	1,246
Female (F)	54	45	52	187
M:F	6.7 : 1	7.5 : 1	5.9 : 1	6.7 : 1
NGU / NSGI *				
Male (M)	891	951	820	3,539
Female (F)	543	565	559	2,125
M:F	1.6 : 1	1.7 : 1	1.5 : 1	1.7 : 1

(to be cont'd)

Table 11.1 (Cont'd)

	This quarter (Oct - Dec 2016)	Last quarter (Jul - Sep 2016)	Same quarter last year (Oct - Dec 2015)	In year 2016
Genital wart				
Male (M)	325	360	360	1,288
Female (F)	123	151	132	577
M:F	2.6 : 1	2.4 : 1	2.7 : 1	2.2 : 1
<i>Herpes genitails</i>				
Male (M)	109	134	110	480
Female (F)	73	73	68	309
M:F	1.5 : 1	1.8 : 1	1.6 : 1	1.6 : 1

* NGU = Non-gonococcal urethritis

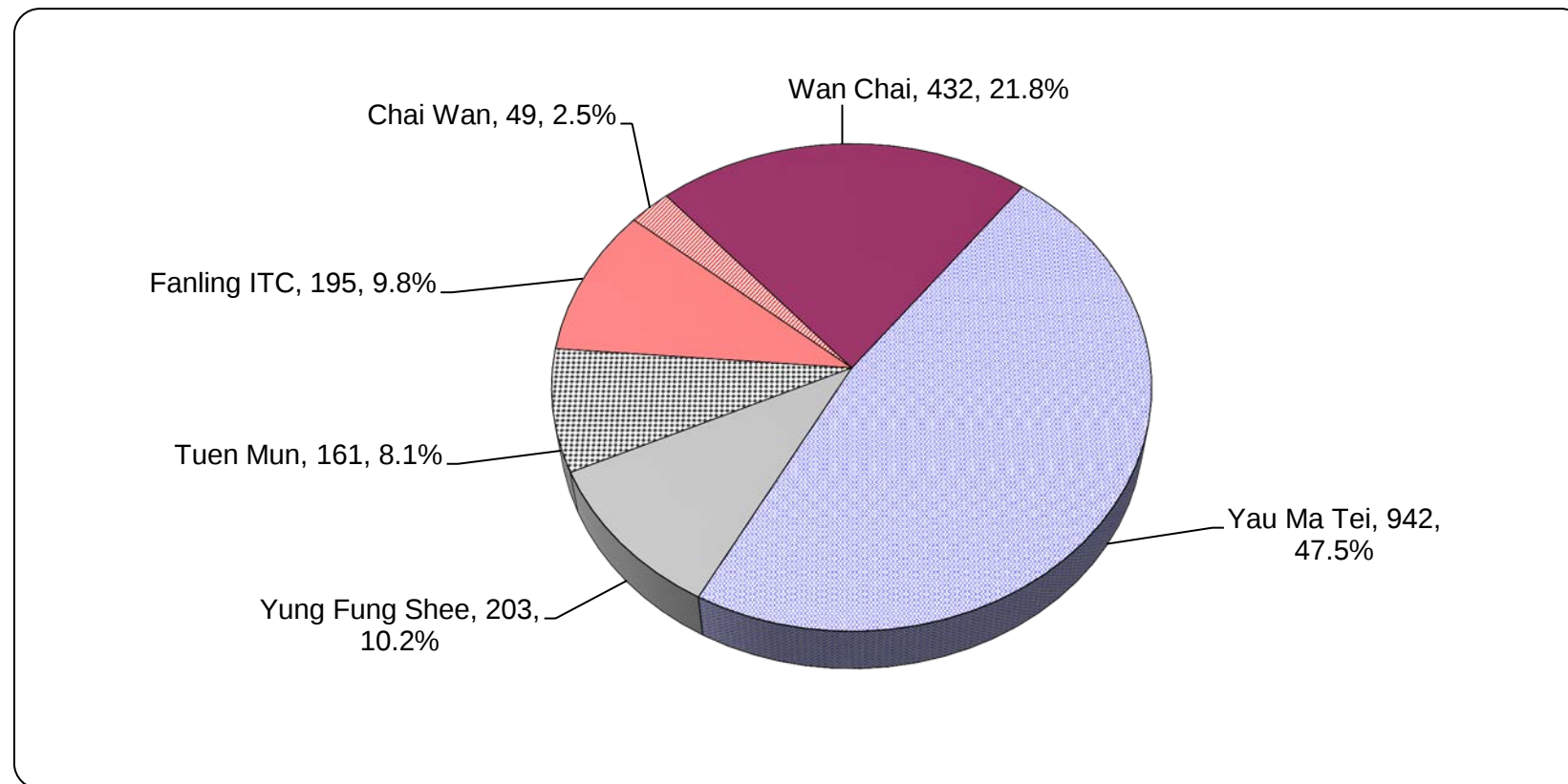
NSGI = Non-specific genital infection

Table 11.2 Gender distribution of reported STI by clinic

	This quarter (Oct - Dec 2016)		Last quarter (Jul - Sep 2016)		Same quarter last year (Oct - Dec 2015)		In year 2016	
	Male	Female	Male	Female	Male	Female	Male	Female
Chai Wan	49	28	49	30	38	31	194	115
Wan Chai	432	241	531	256	519	287	1,897	1,020
Yau Ma Tei	942	557	905	584	888	534	3,385	2,205
Yung Fung Shee	203	104	223	126	203	133	817	416
Tuen Mun	161	98	152	103	137	149	604	434
Fanling ITC	195	125	222	129	214	96	770	468
Total	1,982	1,153	2,082	1,228	1,999	1,230	7,667	4,658

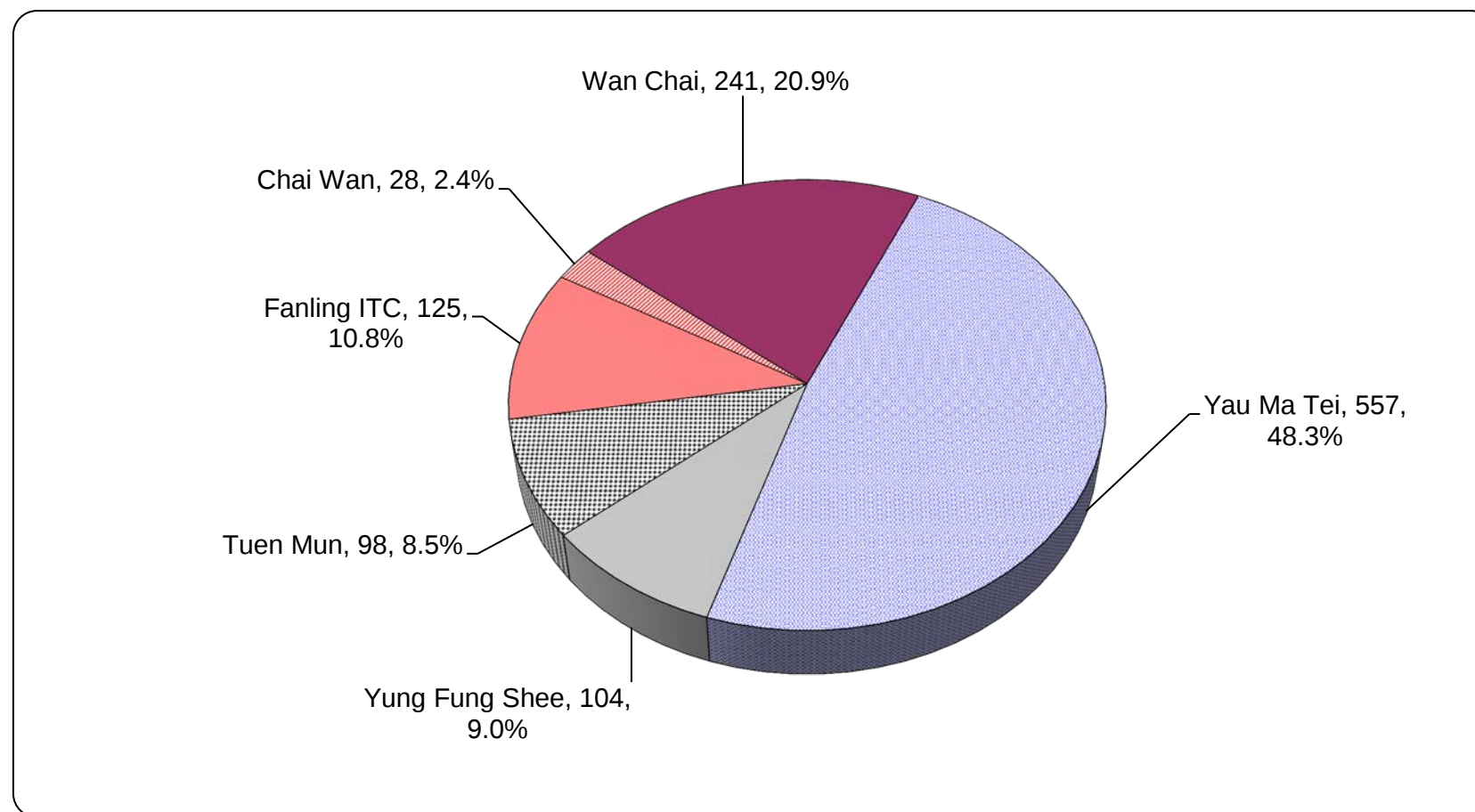
12. Clinic distribution

Chart 12.1 Number of newly report STI in Q4 2016 by clinic (male clients)



Format : [Clinic ; Number ; %]

Chart 12.2 Number of newly report STI in Q4 2016 by clinic (female clients)



Format : [Clinic ; Number ; %]