

# **Press Meeting 30 November 2004**

二零零四年十一月三十日新聞發佈會

**Dr S S Lee**

**CHP, Department of Health**

衛生署衛生防護中心 李瑞山醫生

**1984 - first HIV case diagnosed**  
一九八四年發現首例愛滋病病毒感染

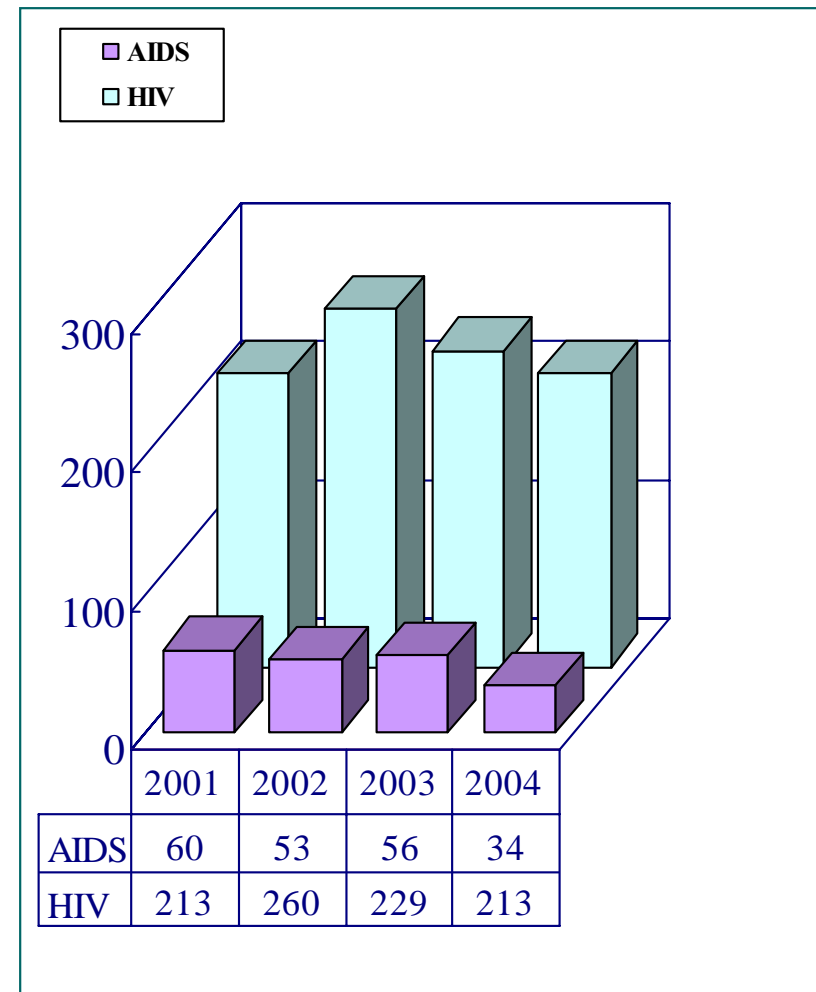


# Reported HIV/AIDS in the 3rd quarter of 2004

二零零四年第三季

愛滋病病毒感染及愛滋病呈報個案統計

- 今季 73 HIV and 14 AIDS cases, compared to 上季 73 and 13 in the last quarter
- Reported infection: all adults 全部成年; 71% 男性 male; 66% 華裔 Chinese
- 56% (41 cases) sexually acquired 性傳播; 8.2% (6 cases) drug users 吸毒者; 36% unknown 傳播途徑不明.
- Cumulative report 累積報告: HIV 2457; AIDS 703





# 零點貳

愛滋病在香港二十年

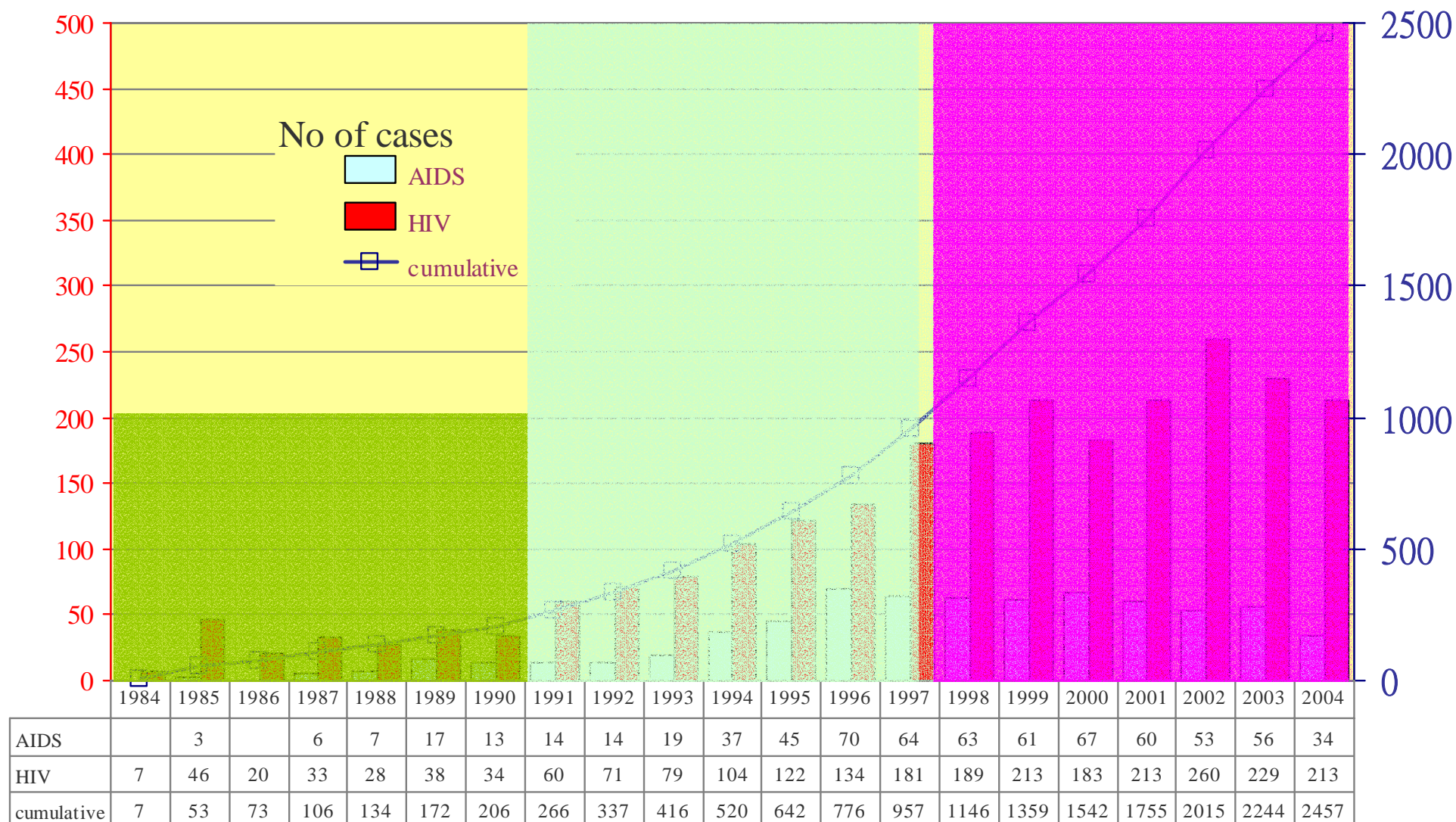
1984 - 2004



# Annual HIV/AIDS Statistics

香港每年愛滋病毒病感染及愛滋病統計

1984 – September 2004, Hong Kong (N=2457/703)



# Three Time-periods

三個長度相約的階段

1984 – 1990

HIV/AIDS as an incurable condition and a new public health crisis 愛滋病作為一個不治之症及新公共衛生危機

1991 – 1997

HIV/AIDS treatment available but unsatisfactory; extensive community action; wide media attention 愛滋病治療欠理想;廣泛社區參與; 媒體關注.

1998 – 2004  
(to 9.2004)

Effective HIV treatment generally available to patients in Hong Kong; concern about situation in Mainland 香港病者接受有效治療;國內情況受關注



# Reported number of HIV infection

愛滋病病毒感染呈報數目

|          | 1984 - 1990 | 1991 - 1997 | 1998 – 2004<br>(thru Q3至第三季) | Total總人數 |
|----------|-------------|-------------|------------------------------|----------|
| Total 總數 | 206         | 751         | 1500                         | 2457     |

1 : 3.6 : 7.2



|           | 1984 - 1990 | 1991 - 1997 | 1998 – 2004<br>(thru Q3至第三季) | Total 總人數 |
|-----------|-------------|-------------|------------------------------|-----------|
| Adult 成年人 | 186         | 746         | 1489                         | 2421      |
|           | > 90%       |             |                              |           |

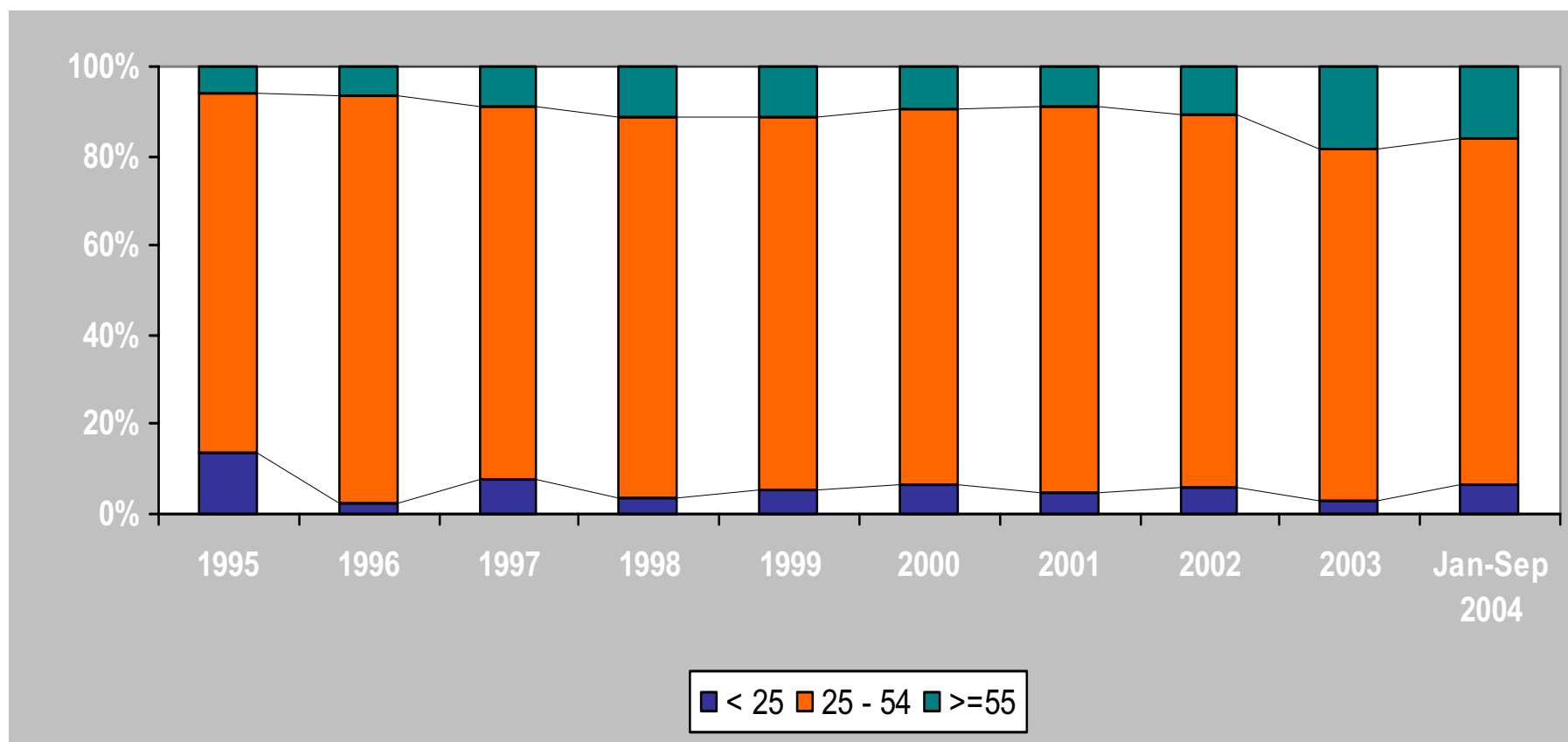




# Age distribution of sexually acquired HIV infection in men

感染愛滋病病毒男士之年齡分佈

1995 – Sep 2004 ( n = 1167 )



## In the past ten years 過去十年

- A majority of male HIV patients (>80%) occurred in those aged 25-54  
大部份(超過八成)男感染者年齡在二十五至五十四之間
- Male <25 persistently accounted for 5% of newly reported infections  
二十五歲以下男士持續佔總數百份五
- Male  $\geq 55$  accounted for 16% of reported cases in 2004, compared to 10% in the nineties  
二零零四年五十五歲或以上男士佔總數百份之十六,相對於九零年代的百份之十



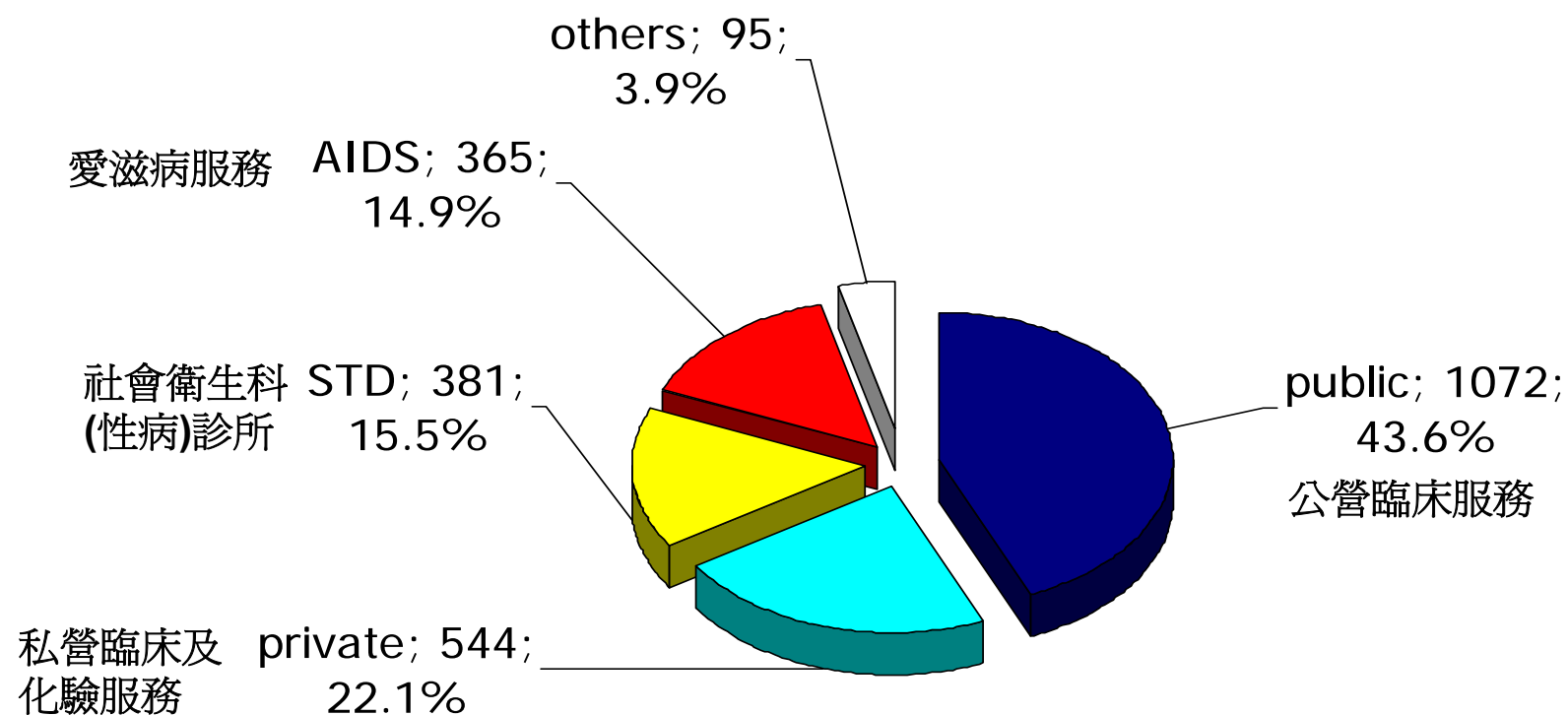
|            | 1984 - 1990 | 1991 - 1997 | 1998 - 2004<br>(thru Q3至第三季) | Total 總人數 |
|------------|-------------|-------------|------------------------------|-----------|
| Chinese 華裔 | 134         | 521         | 1050                         | 1705      |
|            | 65% - 70%   |             |                              |           |



# Sources of referral of HIV infection

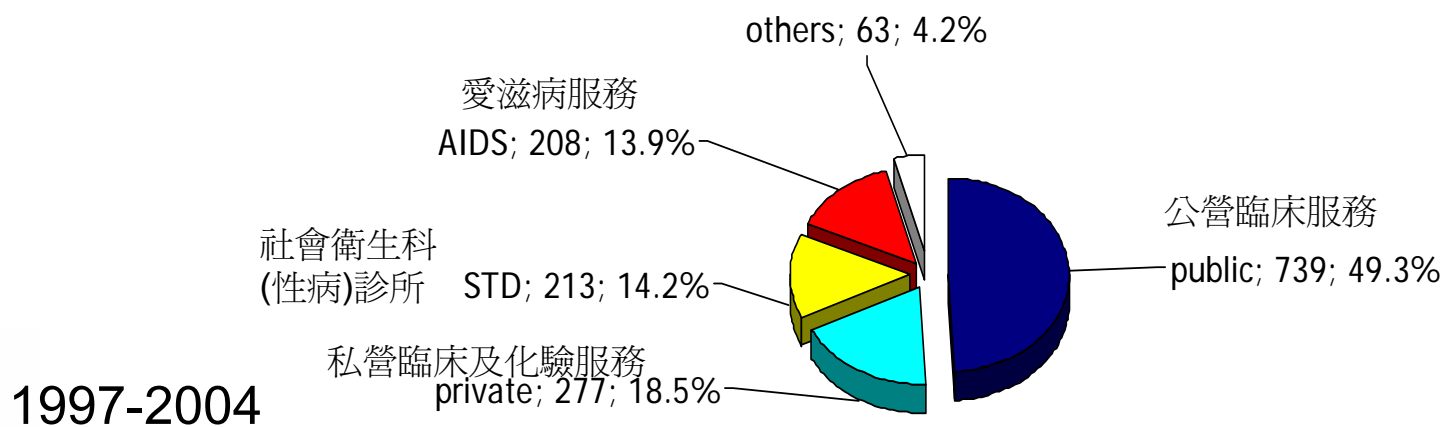
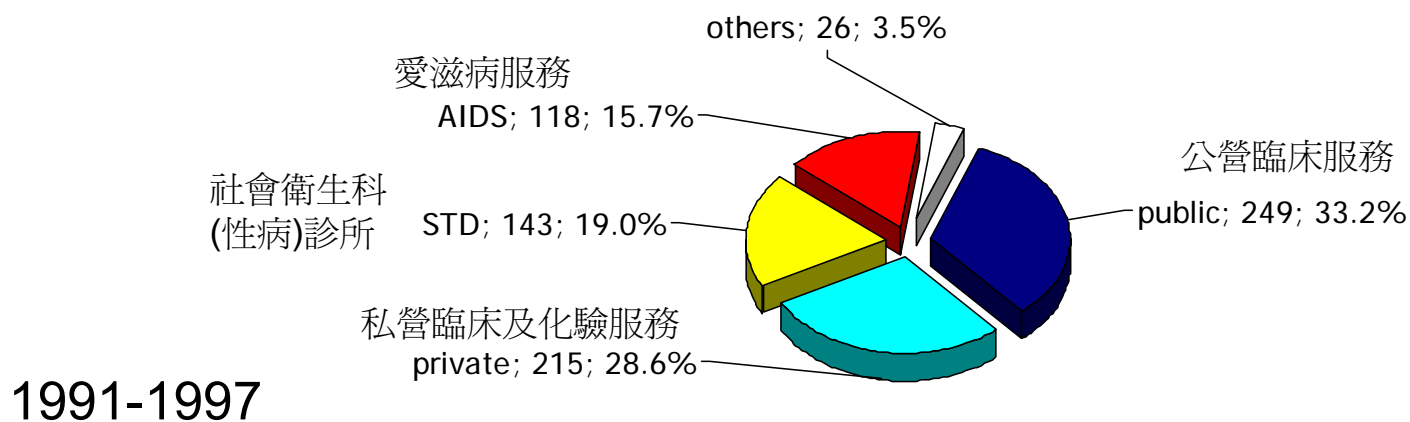
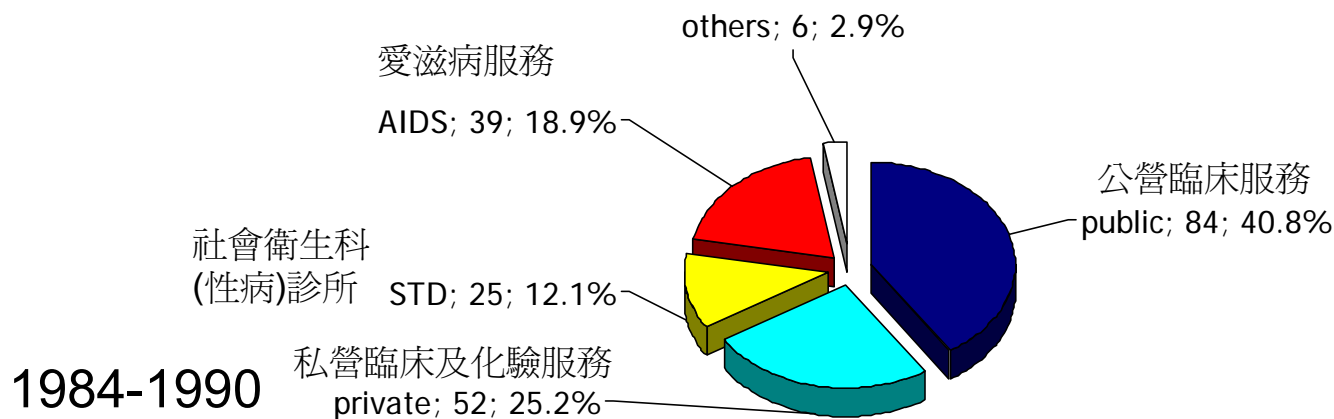
呈報感染愛滋病病毒人士之轉介來源

1984 – 2004 (Sep)



# Sources of referral of HIV infection

呈報感染愛滋病病毒人士之轉介來源



## Four major sources of reported HIV infection

四個主要呈報愛滋病病毒感染來源

|   |              |
|---|--------------|
| <b>Public clinical services</b><br>公營臨床服務     | <b>43.6%</b> |
| <b>Private clinical services</b><br>私營臨床及化驗服務 | <b>22.1%</b> |
| <b>Social Hygiene Clinics</b><br>社會衛生科(性病)診所  | <b>15.5%</b> |
| <b>AIDS services</b><br>愛滋病服務                 | <b>14.9%</b> |

>95%



# Sources of reports vs transmission categories

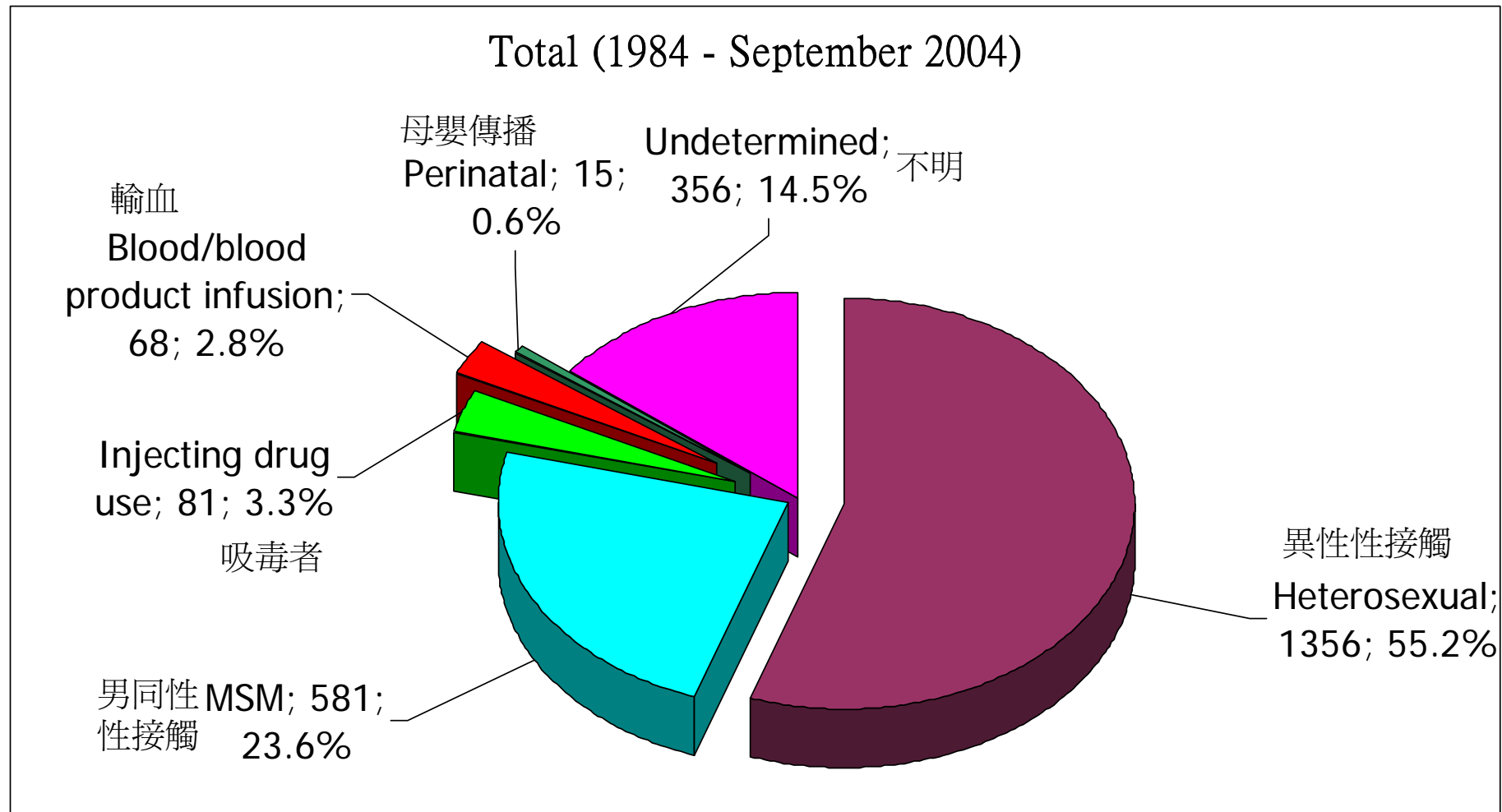
## 報告來源和傳染途徑主要類別

|  | HETERO-<br>SEXUAL<br>MEN<br>男異性性接觸 | MSM<br>男同性<br>性接觸 | MALE<br>DRUG<br>USERS<br>男吸毒者 | FEMALES<br>女性 |
|--|------------------------------------|-------------------|-------------------------------|---------------|
| <b>Public clinical services</b><br>公營臨床服務      | 47.0%                              | 21.2%             | 64%                           | 50.6%         |
| <b>Private clinical services</b><br>私營臨床及化驗服務  | 15.3%                              | 29.6%             | 0                             | 19.8%         |
| <b>Social Hygiene Clinics</b><br>社會衛生科(性病)診所   | 23.4%                              | 15.5%             | 4%                            | 12.3%         |
| <b>AIDS services</b><br>愛滋病服務                  | 10.6%                              | 29.4%             | 9.3%                          | 15.6%         |
| <b>Drug rehabilitation services</b><br>吸毒者康復服務 | 0.6%                               | 0                 | 22.7%                         | 0.4%          |



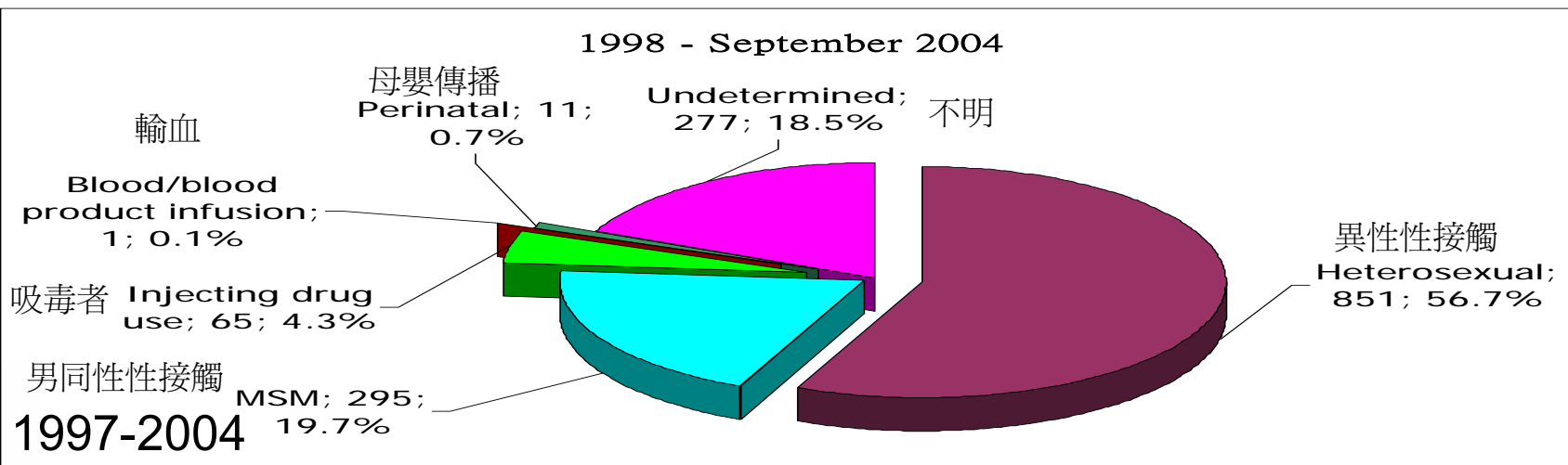
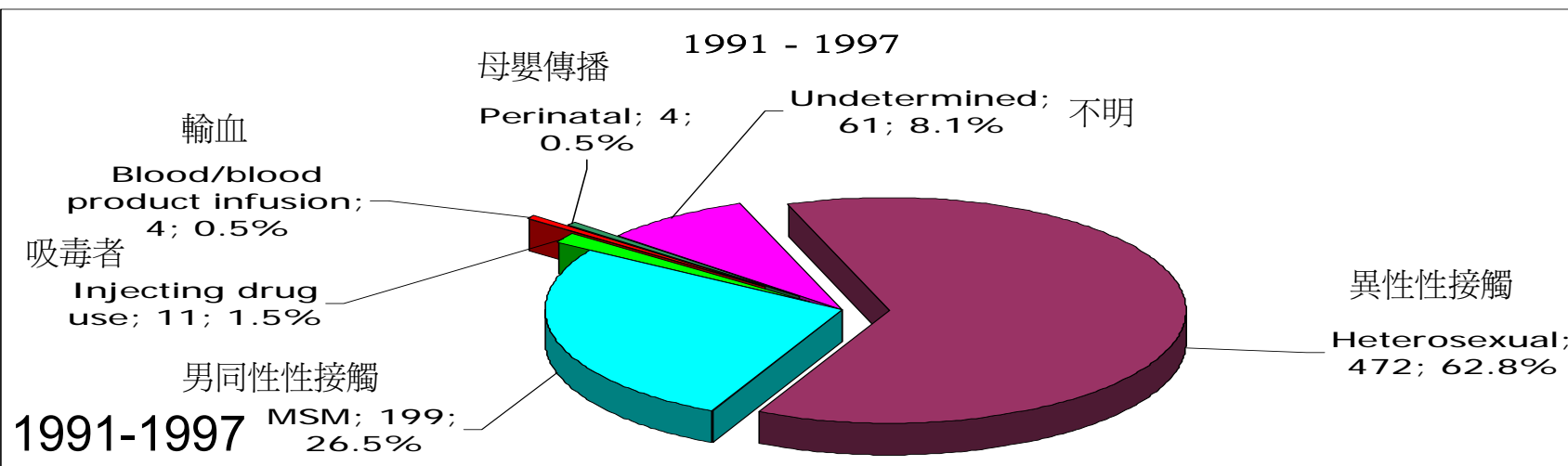
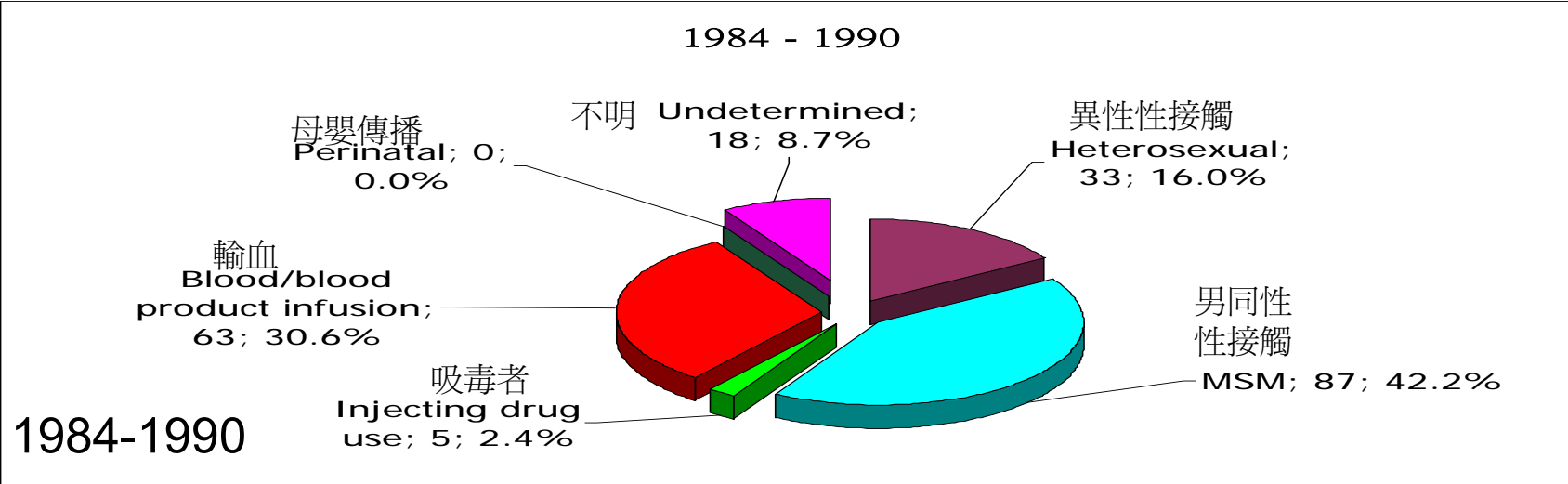
# Reported routes of transmission of HIV infection

呈報感染愛滋病病毒人士之傳染途徑





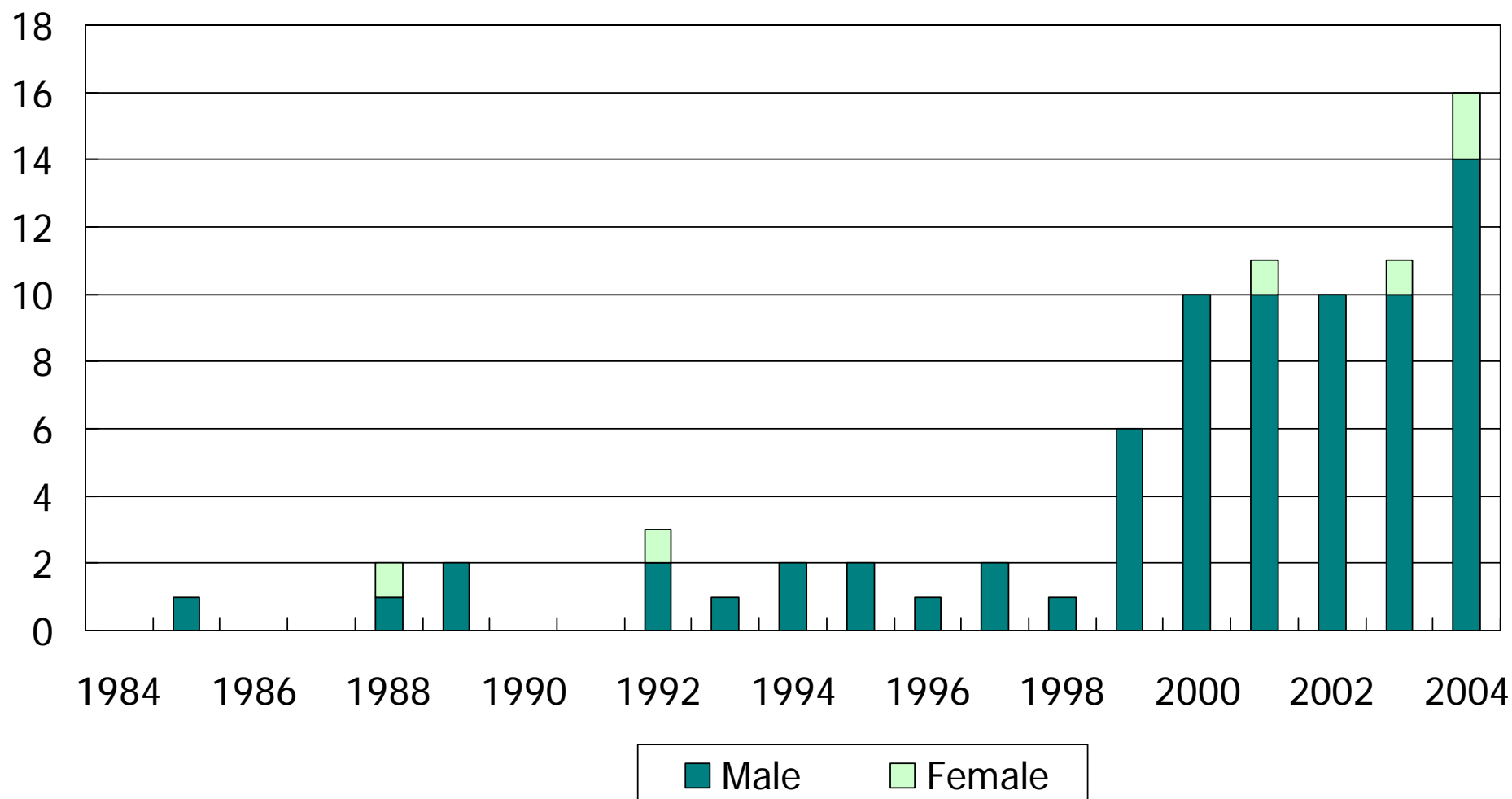
**Reported routes of transmission of HIV infection**  
 呈報感染愛滋病毒人士之傳染途徑



# Distribution of reported HIV infection who are drug users

呈報感染愛滋病病毒吸毒人士數目分佈

1984 – Sep 2004 ( n = 81 )



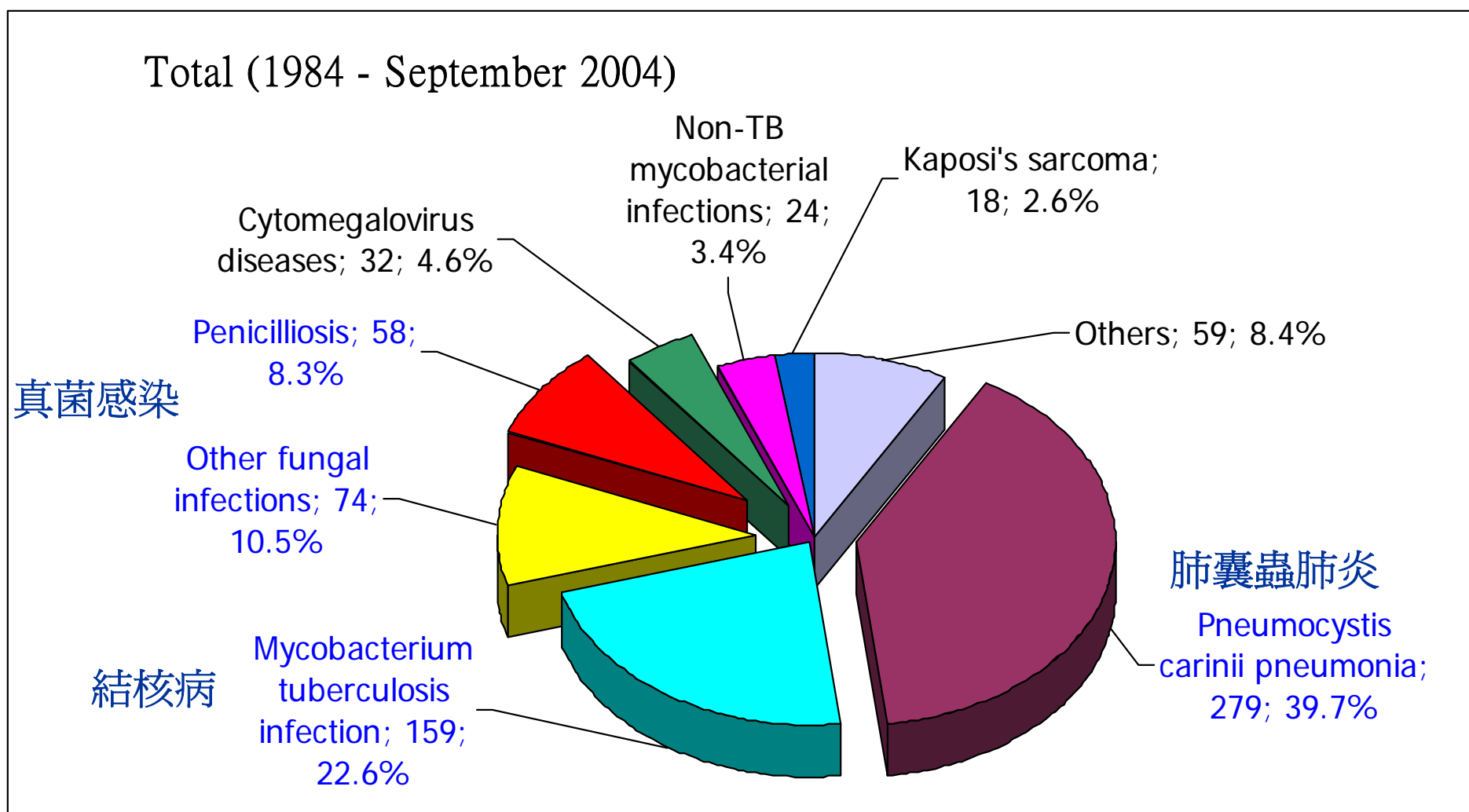
## Reported routes of transmission of HIV infection 呈報感染愛滋病病毒人士之傳染途徑

- Heterosexual : MSM ratio (in men) has changed from 1:3 to 1:0.56 to 1:0.51 男性受感染者異性及同性接觸比例由一比三轉為一比零點五六,一比零點五一.
- Heterosexual transmission the single most important risk factor for female infection 異性性接觸為女性感染的主要途徑.
- Transfusion related infection has almost completely disappeared 因輸血而受感染者幾乎絕跡.
- Perinatal transmission continues to be uncommon, has resulted in a total of 15 infections overall 母嬰傳播並不普遍,年來一共錄得十五呈報個案.
- HIV uncommon in drug users, but number has risen after year 2000. 吸毒者受感染的不多,但數目在二零零零年後續有增加.



# Profile of AIDS-defining illnesses

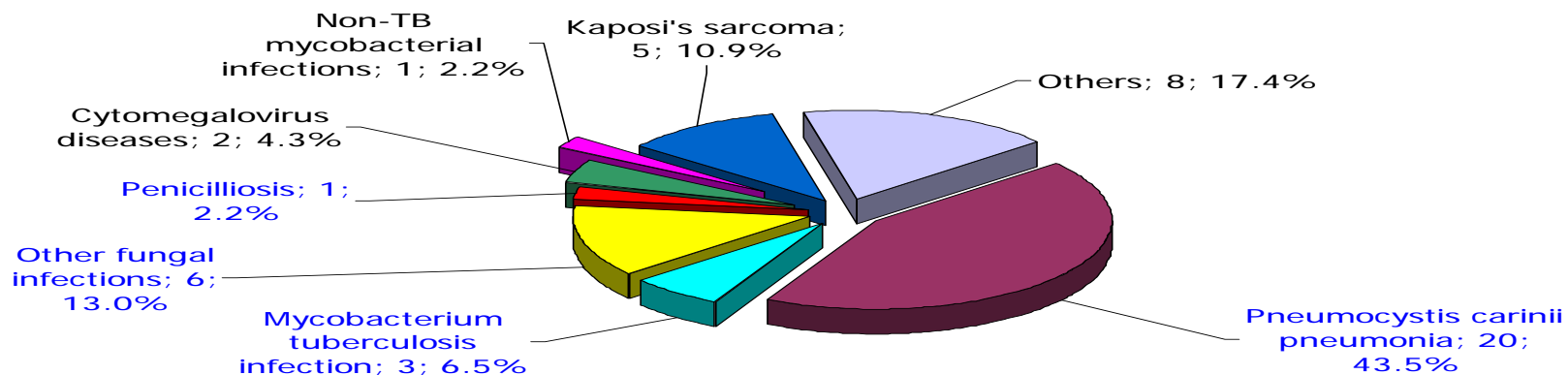
## 愛滋病首次併發症分佈圖



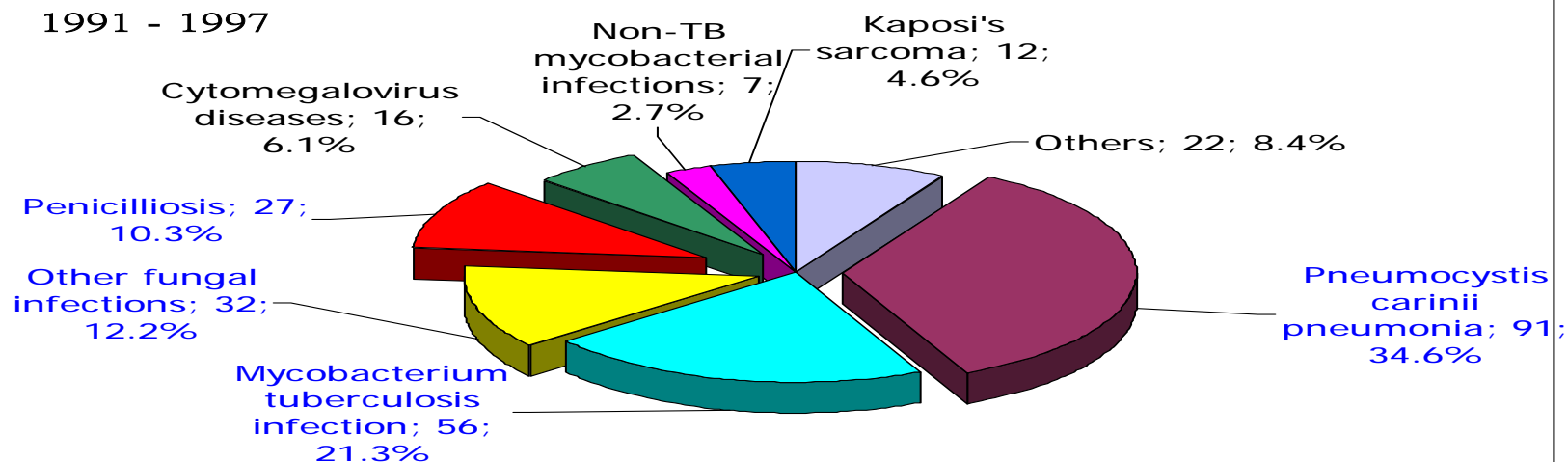
# Profile of AIDS- defining illnesses

愛滋病首次  
併發症  
分佈圖

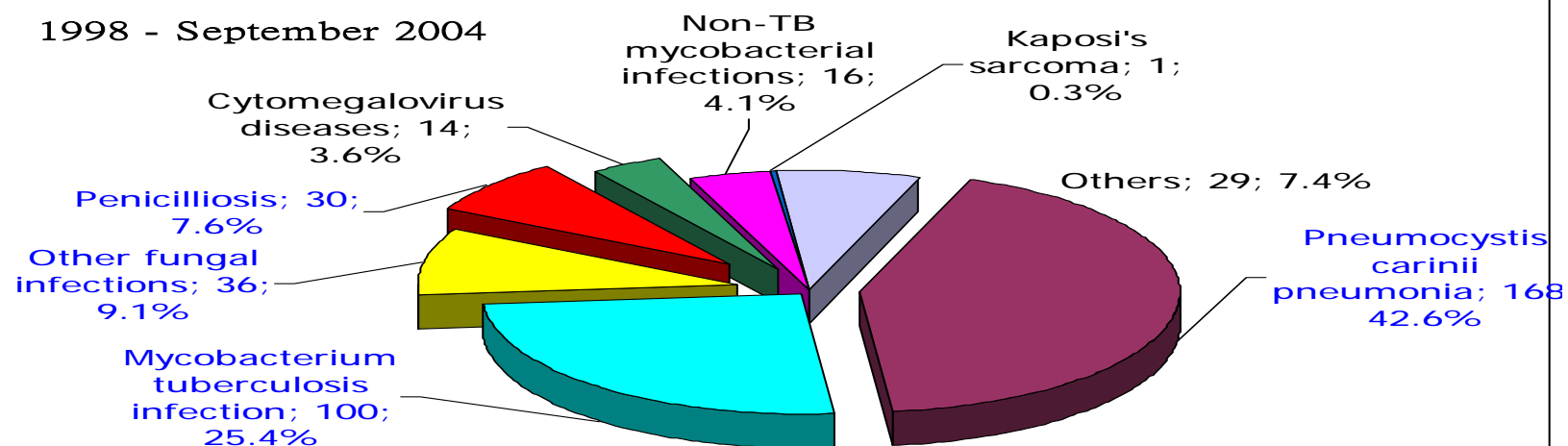
1984 - 1990



1991 - 1997



1998 - September 2004



## Three commonest AIDS – defining illnesses

三種最常見愛滋病首次併發症

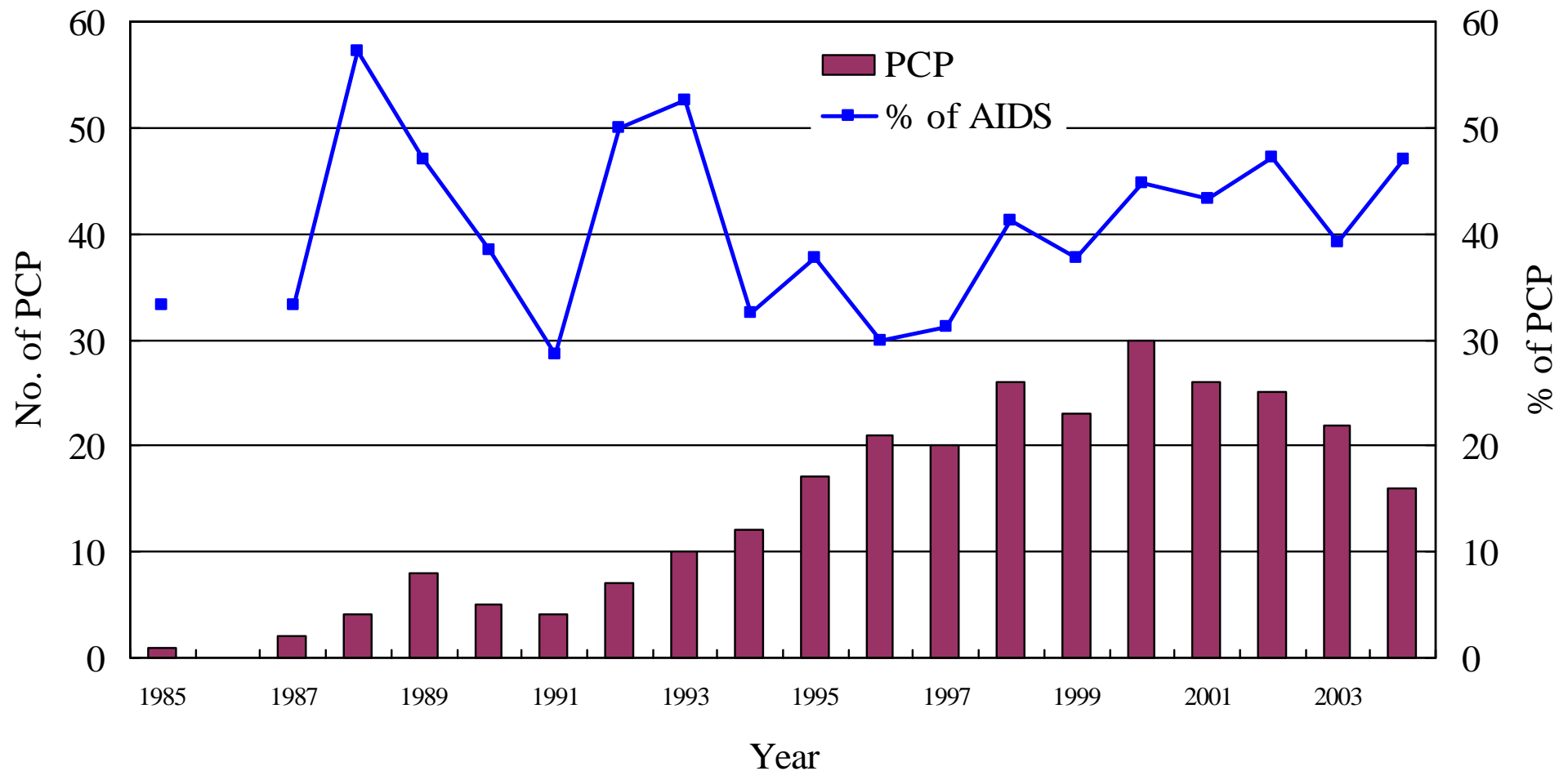
-  **PCP** 肺囊蟲肺炎
  -  **Tuberculosis** 結核病
  -  **Fungal infections** 真菌感染
- >80%



# Proportion of AIDS presenting as PCP

以肺囊蟲肺炎為愛滋病首個併發症所佔百分比

1985 – Sep 2004 ( n = 279 )



## CD4 numbers at diagnosis by age group

不同年齡組別確診時CD4細胞量

| Year<br>年份 | Age<br>年齡 | Number of reports (%)<br>報告人數 (百分比) | Median CD4 (cell/ $\mu$ l)<br>CD4細胞中位數 |
|------------|-----------|-------------------------------------|--|
| 2003       | <55       | 134( 83 )                           | 226                                    |
|            | $\geq 55$ | 27( 17 )                            | 108                                    |
| 2004       | <55       | 121(88)                             | 230                                    |
|            | $\geq 55$ | 17(12)                              | 80                                     |





# About HIV/AIDS in female

## 有關女性受愛滋病病毒感染情況



## Proportion of reported HIV infection

呈報愛滋病病毒感染百份比

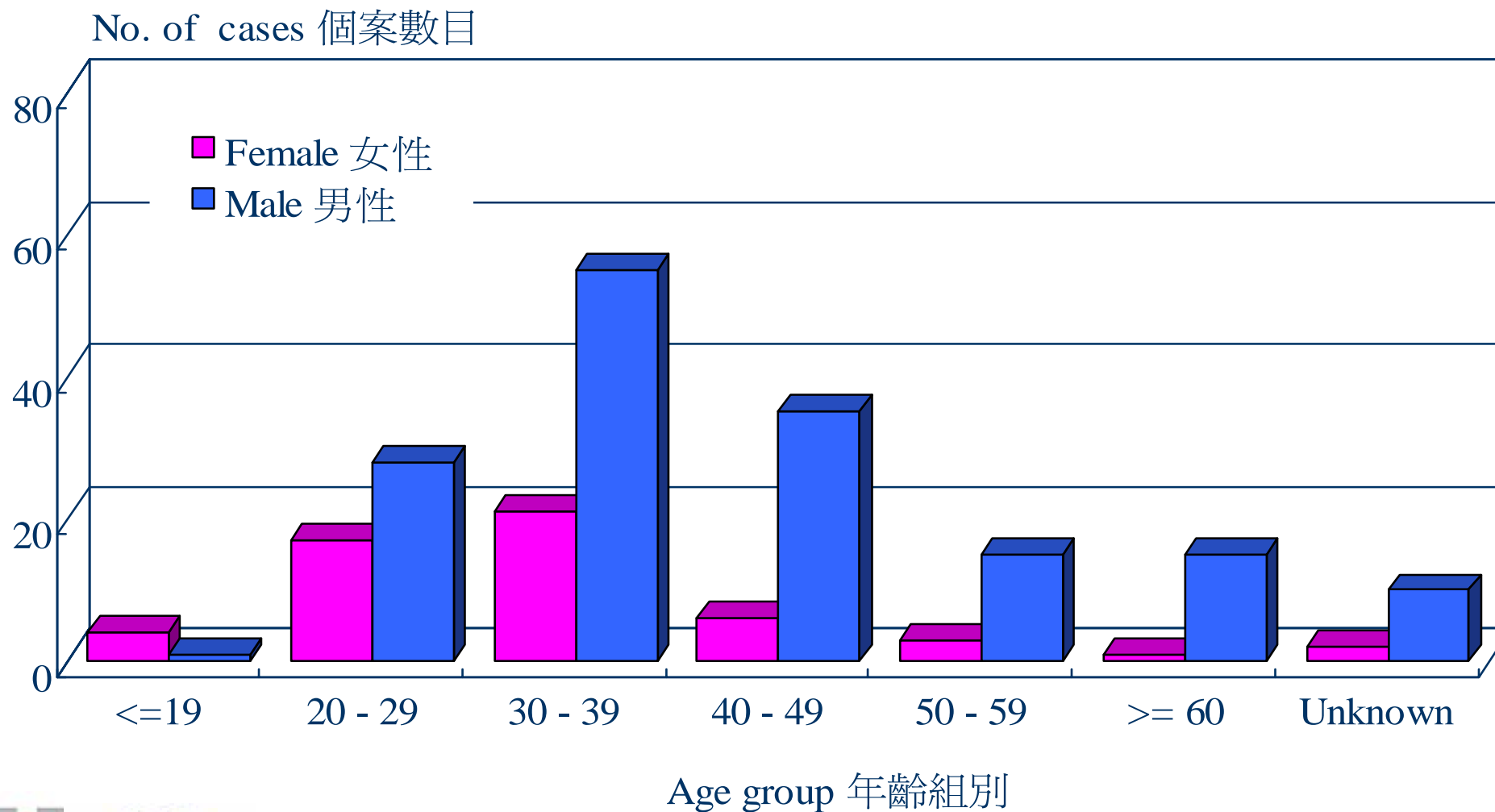
|          |         |           |           |           |
|----------|---------|-----------|-----------|-----------|
| Female 女 | 7       | 121       | 358       | 486       |
|          | ( 3.4%) | ( 16.1% ) | ( 23.9% ) | ( 19.8% ) |



# Age group and gender of reported HIV infection in Jan – Sep 2004

二零零四年一至九月感染愛滋病病毒人士之年齡及性別分佈

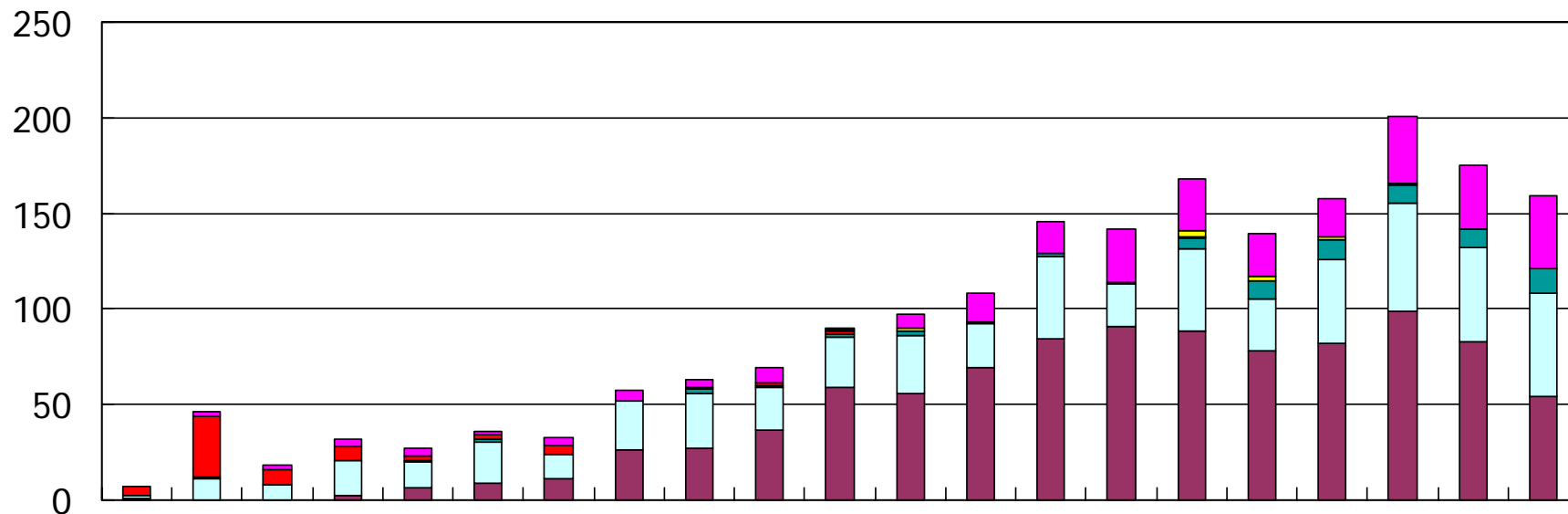
**n = 213**



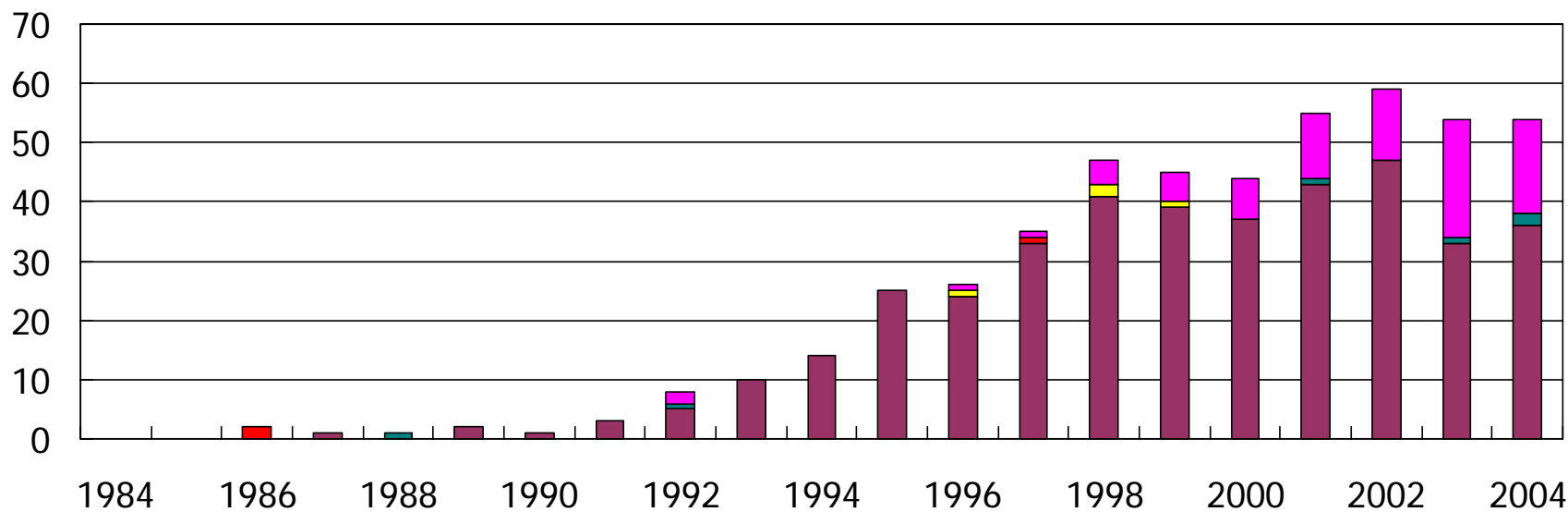
60% age 20-39

Reported routes of transmission of HIV infection  
呈報感染愛滋病病毒人士之傳染途徑

Male



Female



Heterosexual

MSM

Injecting drug use

Blood/blood product infusion

Perinatal

Undetermined



## HIV prevalence

愛滋病病毒感染率

|                | 1997 | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  |
|----------------|------|-------|-------|-------|-------|-------|-------|
| Pregnant women | 0%   | 0.03% | 0.03% | 0.03% | 0.05% | 0.02% | 0.02% |



# About HIV treatment

## 有關愛滋病病毒感染治療情況



**...The active caseload at the two (designated HIV) clinics as of June 2004 has exceeded 1200 (750 at DH, 490 at HA) About 60% to 80% of the patients are currently on HAART**

截至**2004年6月**, ...兩個服務單位的處理個案超過**1200宗** (衛生署**750宗**,醫院管理局**490宗**).目前,約有**60%至80%**病人現正接受這項(高效能抗病毒治療)療法.

LegCo Health Services Panel 8 November 2004  
立法會衛生事務委員會二零零四年十一月八日



# HIV subtypes in Hong Kong

## 香港的愛滋病病毒亞型

|  | 2001   | 2002    | 2003    |
|--|--------|---------|---------|
| Annual HIV reports                             | 213    | 260     | 229     |
| Number of reports with subtypes identified (%) | 83(39) | 228(88) | 202(88) |
| Subtype (%)                                    |        |         |         |
| CRF01_AE                                       | 49(23) | 122(47) | 98(43)  |
| B  | 24(11) | 78(30)  | 60(26)  |
| C  | 5(2)   | 15(6)   | 21(9)   |
| Others   | 5(6)   | 13(8)   | 23(11)  |





# Summarising HIV/AIDS in Hong Kong

總結愛滋病在香港

September 2004 二零零四年九月

|  |   |
|--|---|
| Estimated prevalence 估計感染率                   | <0.1%   |
| Reported HIV 報告數                             | 200 -300/y  |
| Reported AIDS 報告數                            | ~ 60/y  |
| Cumulative report (HIV) 累積報告數                | 2457  |
| Estimated no. living with HIV/AIDS 估計現時感染者數目 | ~ 3000  |
| Main transmission route                      | Sexual predominantly<br>Minimal in IDU 主要性<br>傳播，極少吸毒傳染 |



# Future Challenges for Hong Kong

## 香港的未來挑戰

- New HIV infections would continue to occur  
新感染個案將繼續發生
- The risk of HIV outbreaks in drug users cannot be ignored 愛滋病毒在吸毒人群中存在爆發危機
- Number of patients requiring treatment would rise substantially 需接受治療的病者將大幅增加
- There's the need to target hard-to-reach populations, including the risk-taking elderly and youth, and MSM 需針對難接觸的社群,包括高危長者及年青人和男同性戀者





www.aids.gov.hk

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