



## Press Meeting 17 June 2008

### 二零零八年六月十七日新聞發佈會

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衛生署 黃加慶醫生



# HIV – routes of transmission

## 愛滋病病毒的傳播途徑

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- Sexual : heterosexual or homosexual  
性接觸:異性或同性
- Blood-borne: injecting drug use, contaminated blood/organ/needles  
血液接觸:藥物注射、受污染的血液/器官/針具
- Mother-to-child  
母嬰傳染

# Window period

## 空窗期

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- The time period between contracting HIV and testing positive for HIV antibody, is usually taken to be 3 months.

從感染了愛滋病病毒至愛滋病病毒抗體測試呈陽性反應的期間，一般情況為三個月。

# HIV Reporting System in Hong Kong

## 香港的愛滋病病毒感染個案呈報系統

### Major fields of information 主要資料:

- Gender 性別
- Ethnicity (Chinese –Y/N) 族裔
- Age (Adult –Y/N) 年齡組別
- Source of reports 呈報來源
- Progression to AIDS 發病(愛滋病)
- Route of transmission 傳播途徑
- Suspected place of infection 估計感染地區

**A voluntary system**  
自願系統

### Source of reports 呈報來源:

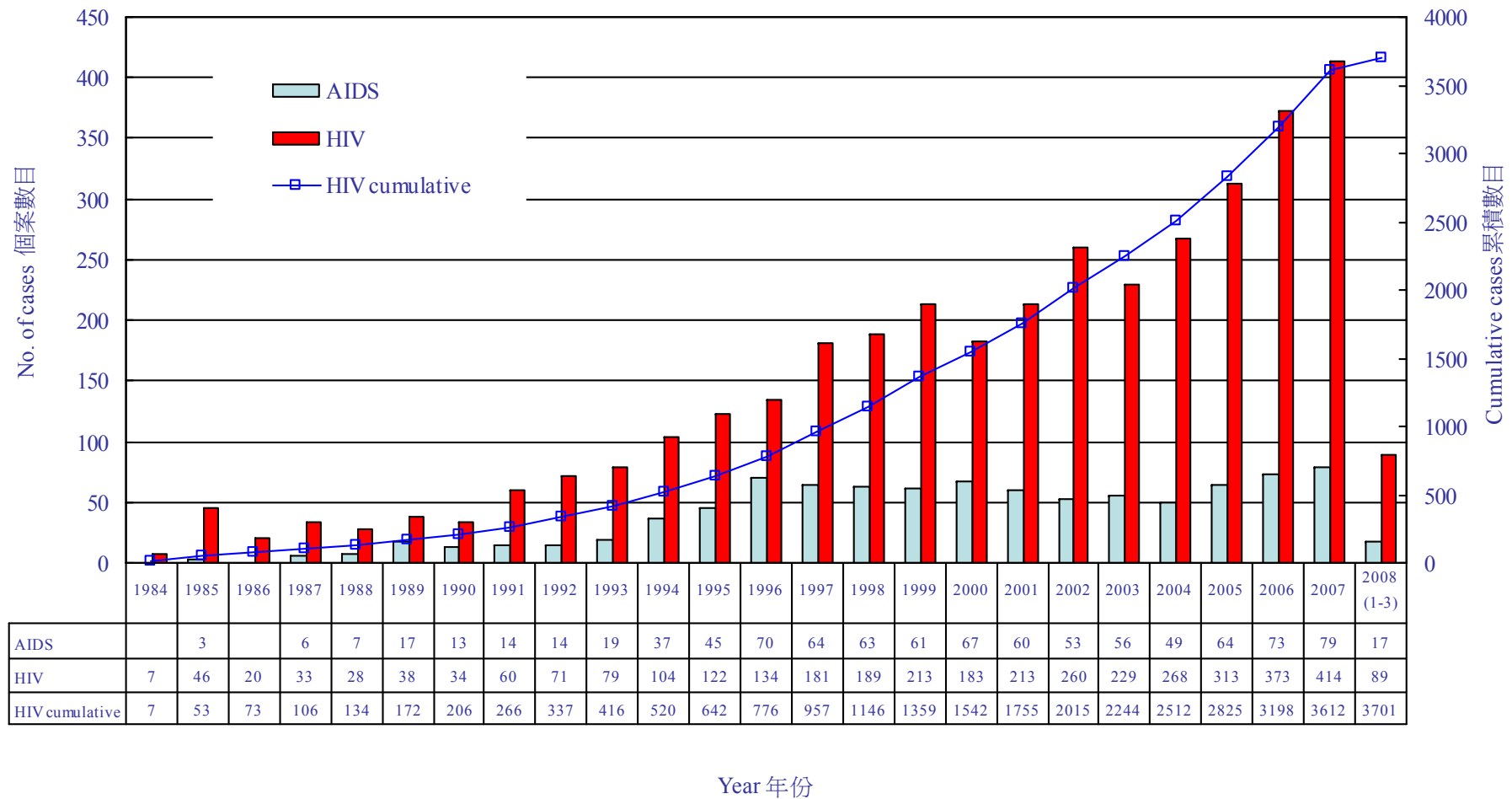
- Physicians 醫生
- Confirmatory laboratories 確認測試化驗室

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

# Annual HIV/AIDS Statistics

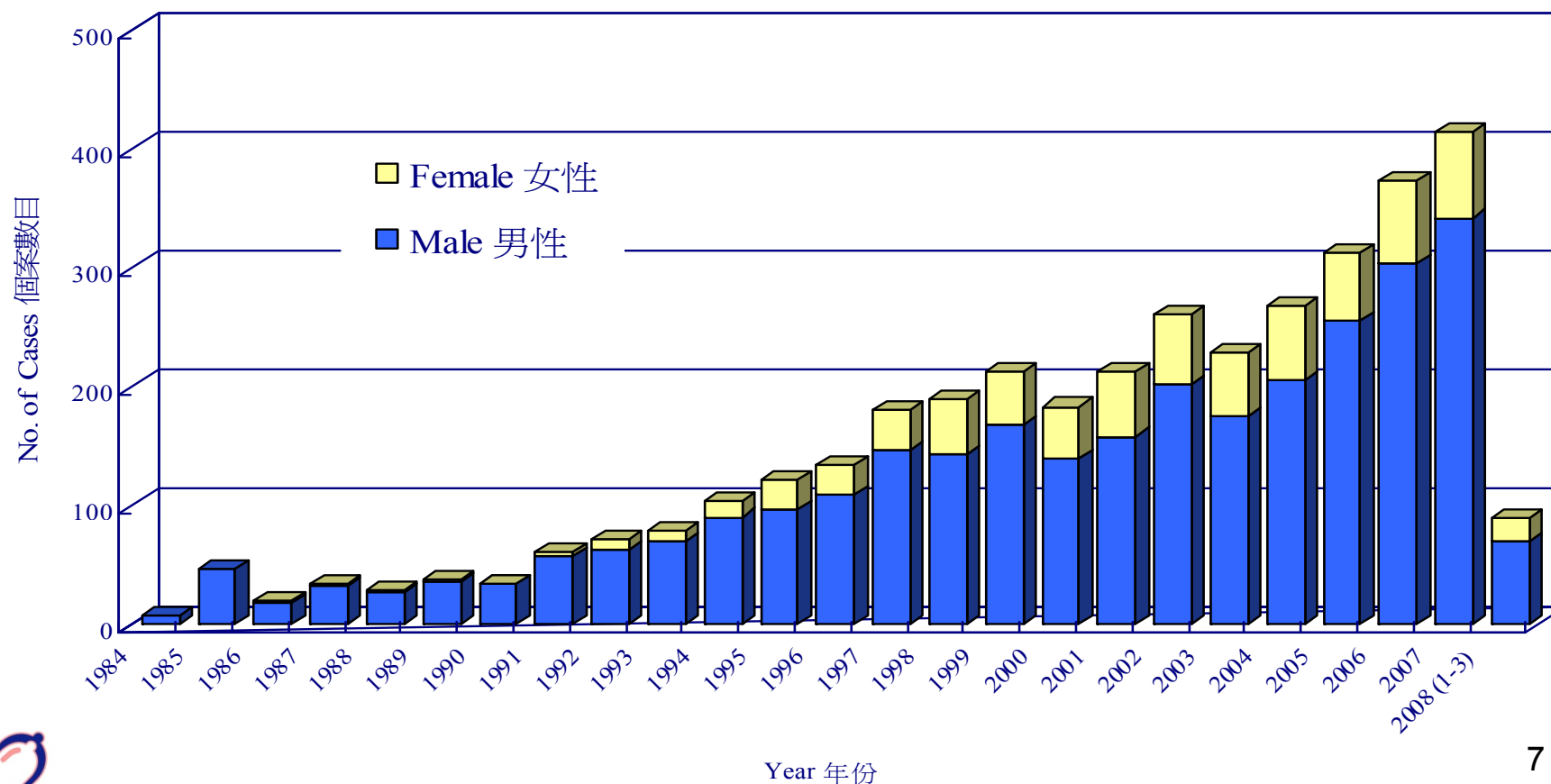
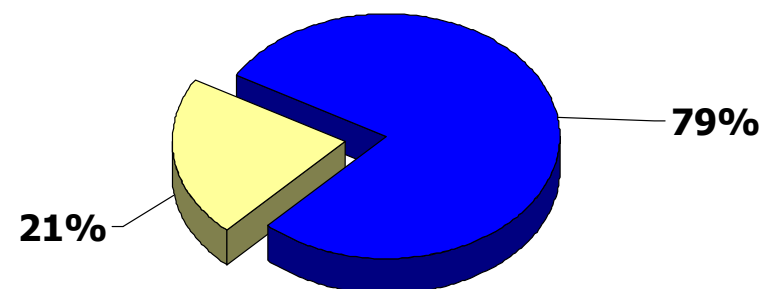
## 香港每年愛滋病病毒感染及愛滋病統計

### 1984 – March 2008, Hong Kong (N=3701/951)



# Gender of reported HIV infection 感染愛滋病毒人士之性別分佈 1984 – March 2008 (N=3701)

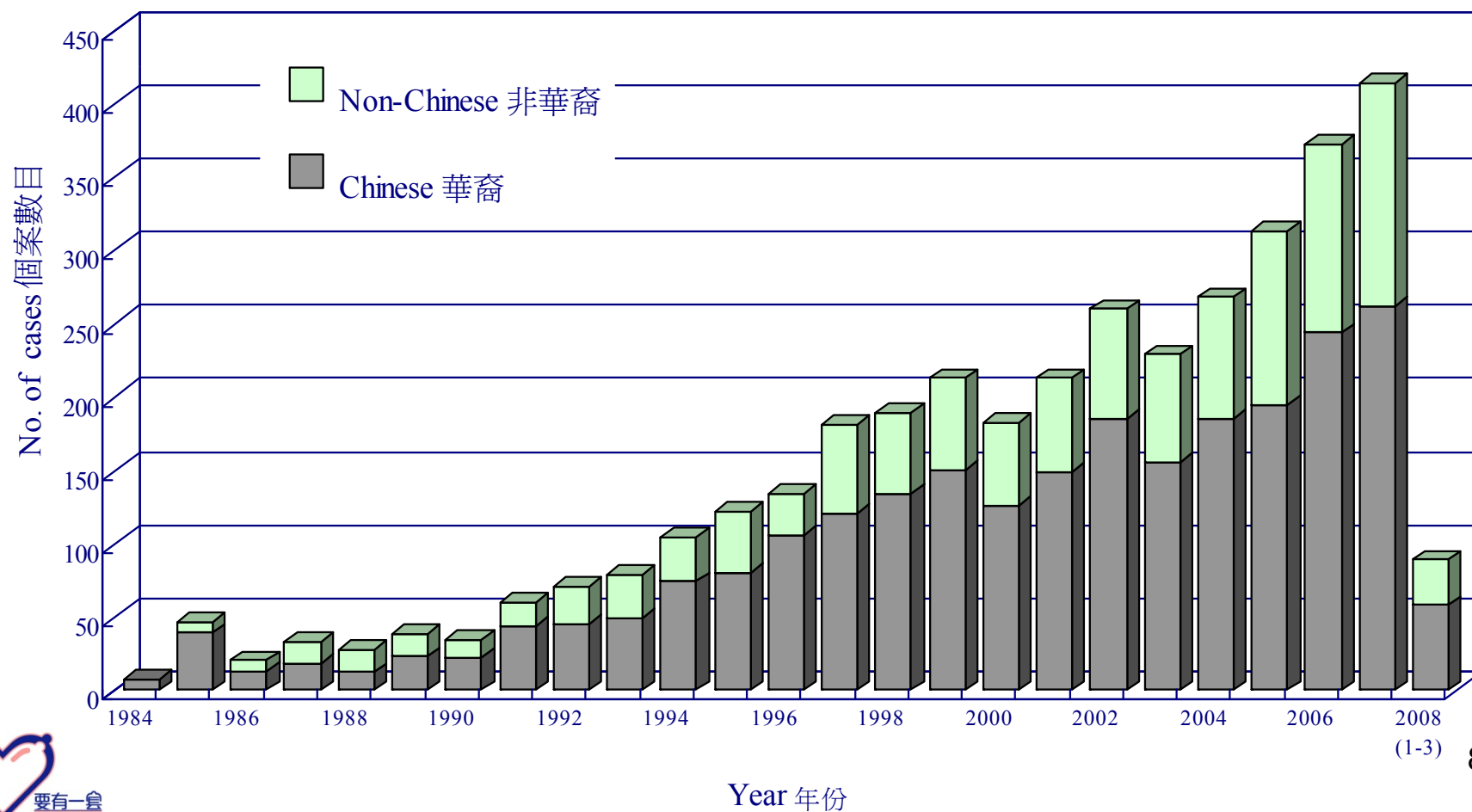
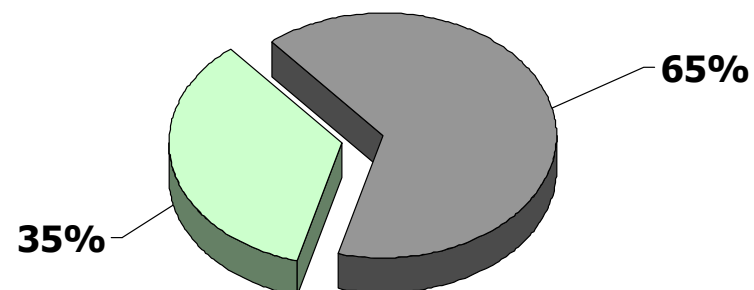
Year 2008 (Jan - Mar)



# Ethnicity of reported HIV infection

感染愛滋病病毒人士之族裔分佈  
1984 – March 2008 (N=3701)

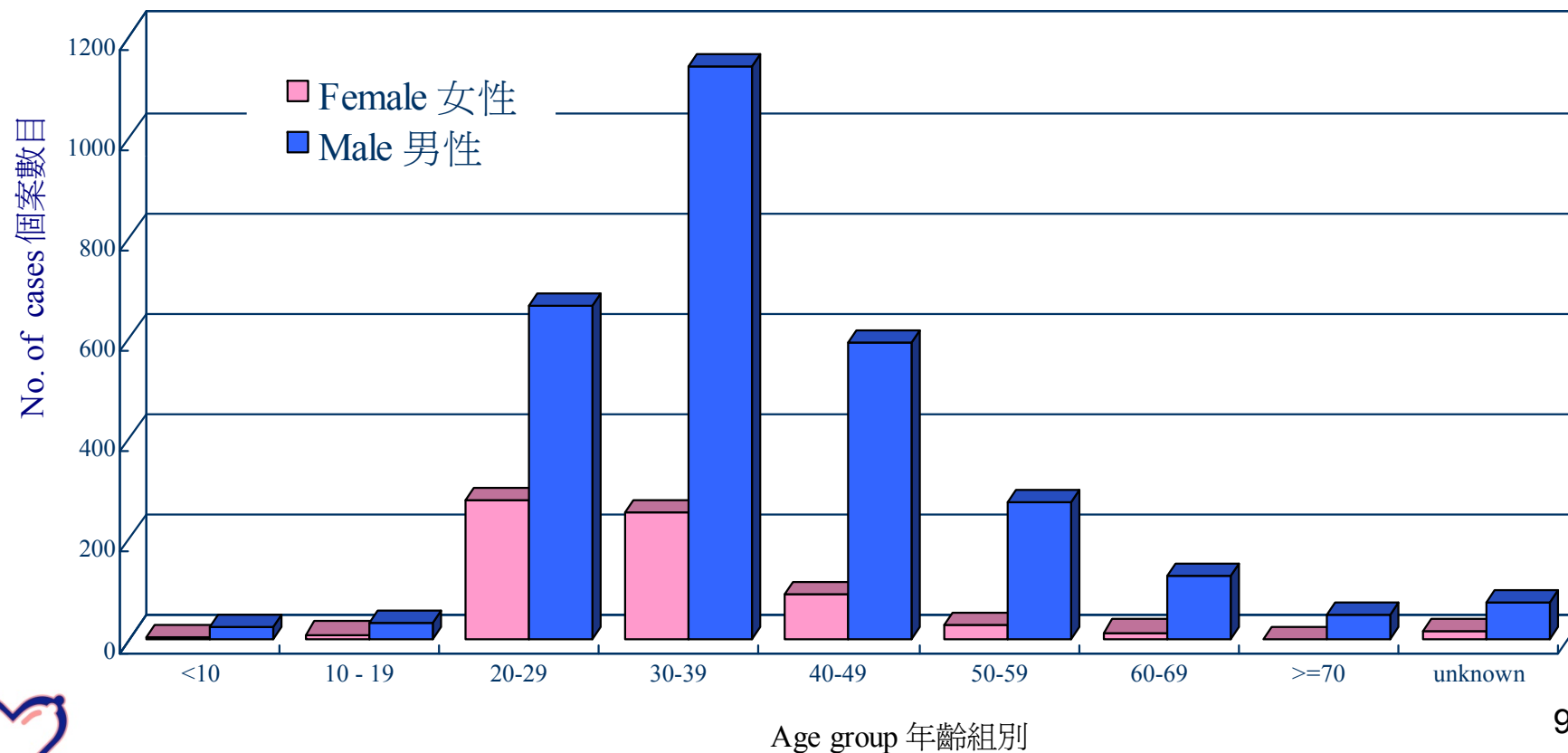
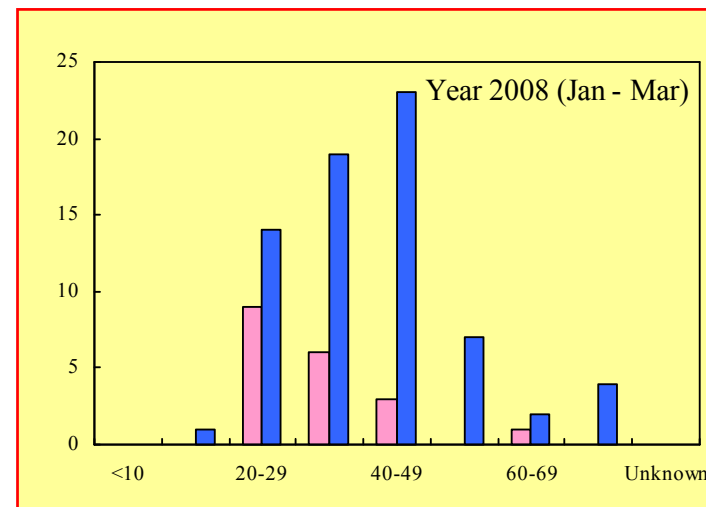
Year 2008 (Jan - Mar)





# Age group and gender of reported HIV infection

感染愛滋病病毒人士之年齡及性別分佈  
1984 – March 2008 (N=3701)

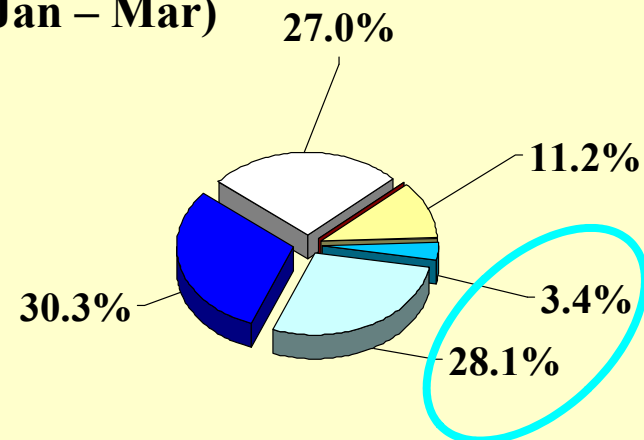


# Routes of transmission of HIV infection

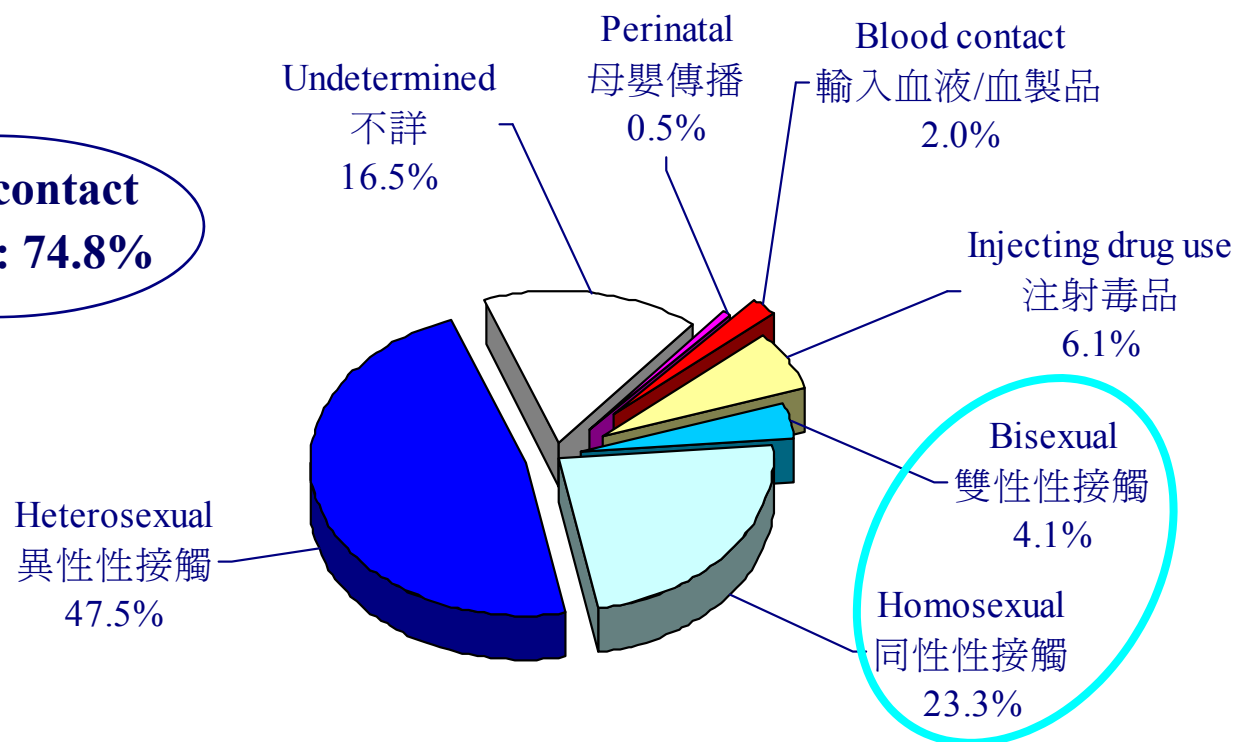
感染愛滋病病毒人士  
之傳染途徑

1984 – March 2008 (N=3701)

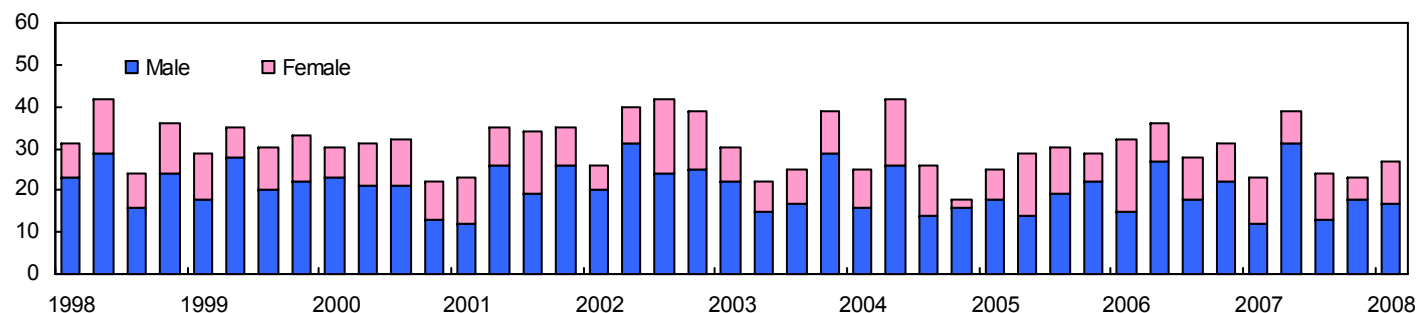
Year 2008 (Jan – Mar)



**Sexual contact**  
性接觸 : 74.8%

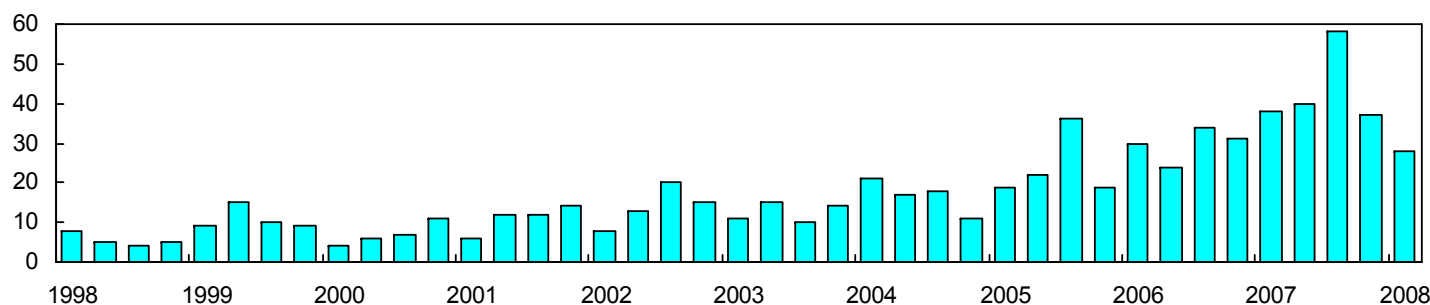


## Heterosexual transmission 異性性接觸感染個案



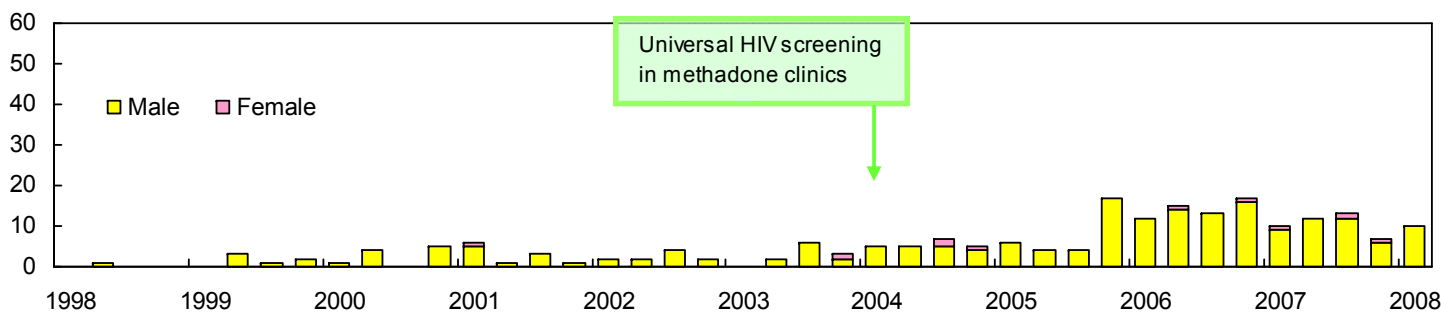
No. of reports remains at a stable level  
報告數字保持平穩

## MSM transmission 男男性接觸感染個案



No. of reports is increasing  
報告數字有上升的趨勢

## Transmission through injecting drug use 注射毒品感染個案

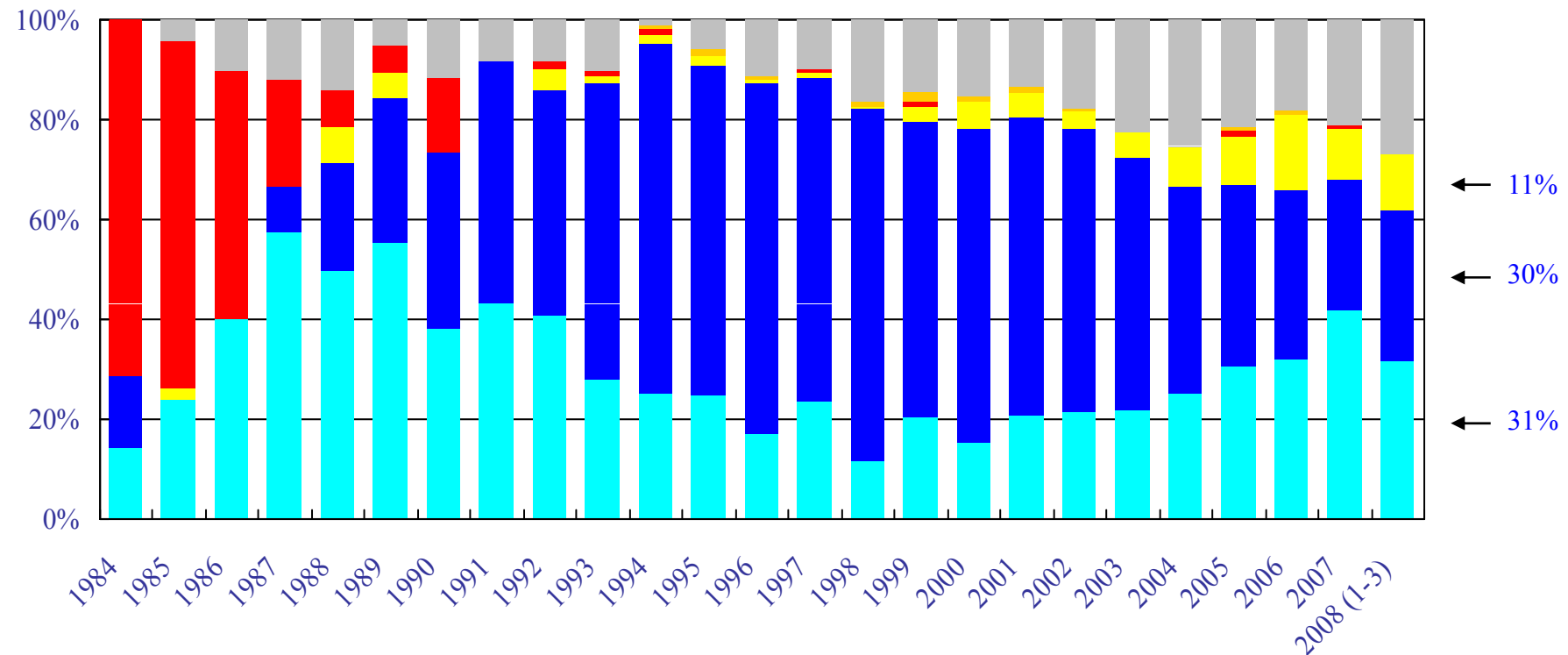


No. of reports is becoming significant  
報告數字佔的比重越來越重

## Route of transmission of HIV infection

香港每年感染愛滋病毒人士之傳染途徑分佈

1984 – March 2008, Hong Kong (N=3701)



MSM 男男性接觸者

Heterosexual 異性性接觸

Injecting drug use 注射毒品

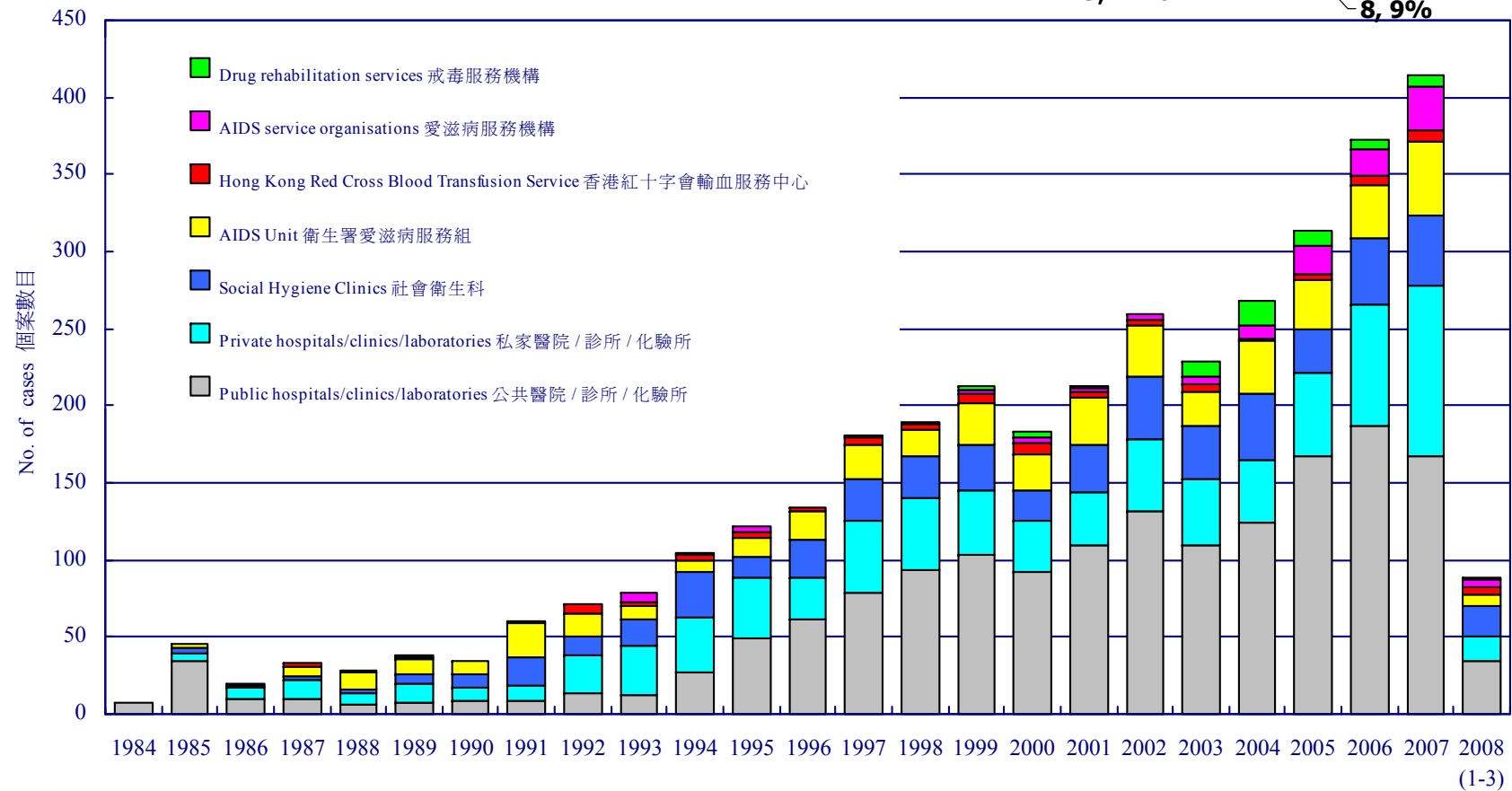
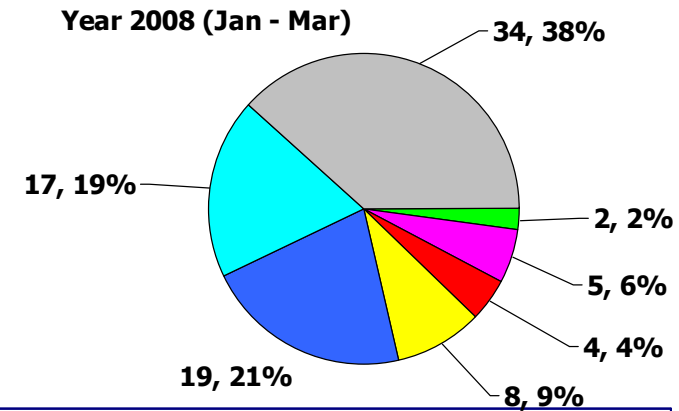
Blood contact 輸入血液 / 血製品

Perinatal 母嬰傳播

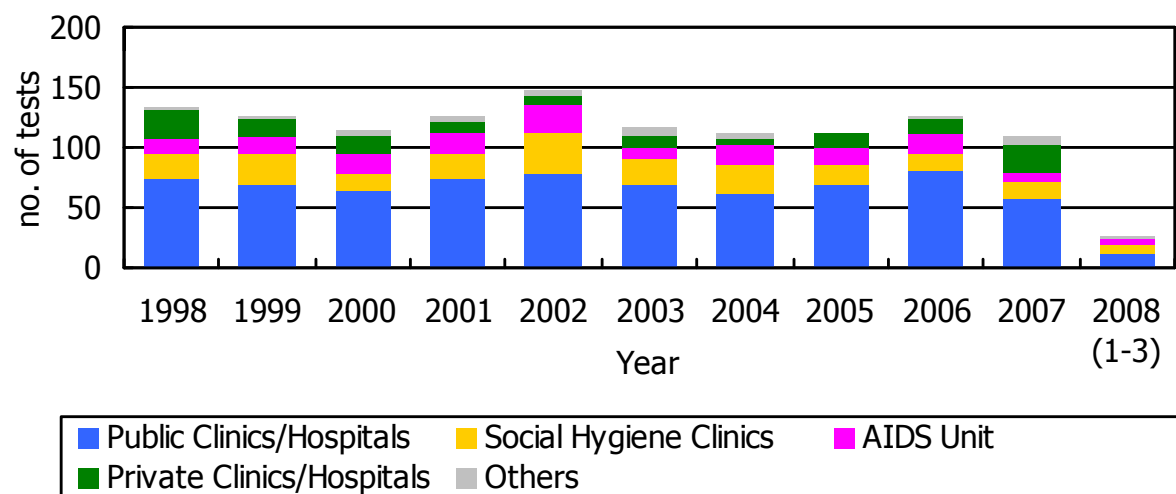
Undetermined 不詳



# Source of referral of HIV infection 香港每年感染愛滋病病毒人士之轉 介來源分佈 1984 – March 2008, Hong Kong (N=3701)



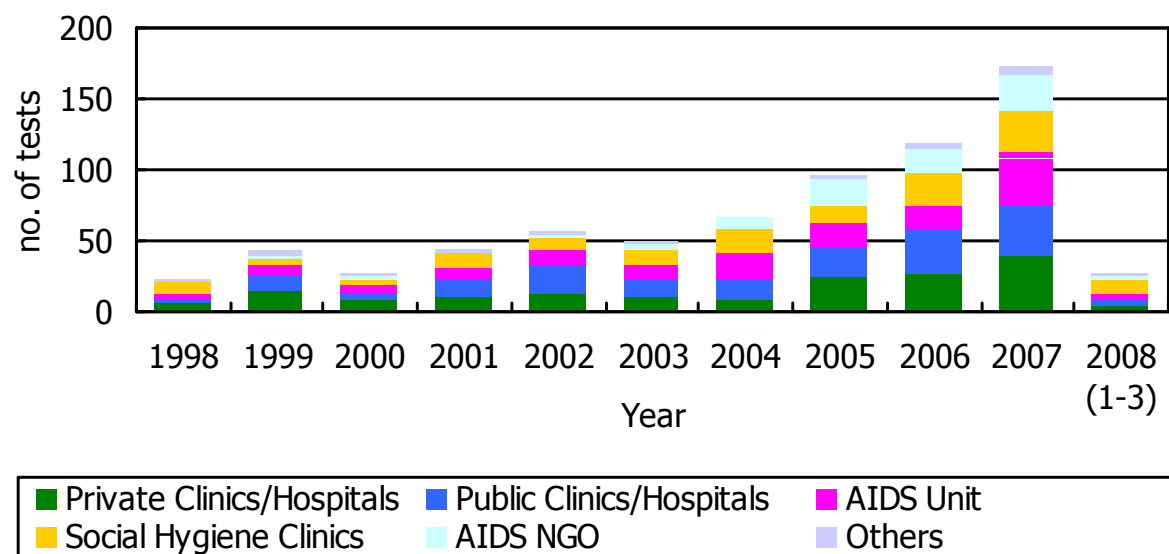
### Sources of HIV reports from heterosexual men



異性接觸感染男士多於以下地方確診 infections in heterosexual men are mostly referred from

- 公共醫療機構 Public clinics/hospitals (44% in this quarter)
- 衛生署性病門診 DH's STI clinics (26% in this quarter)
- 衛生署愛滋病服務組 DH AIDS testing service (19% in this quarter)

### Sources of HIV reports from MSM



男男性接觸者多於以下地方確診 infections in MSM are mostly referred from

- 衛生署性病門診 DH's STI clinics (36% in this quarter)
- 私人醫療機構 Private clinics/hospitals (18% in this quarter)
- 公共醫療機構 Public clinics/hospitals (14% in this quarter)



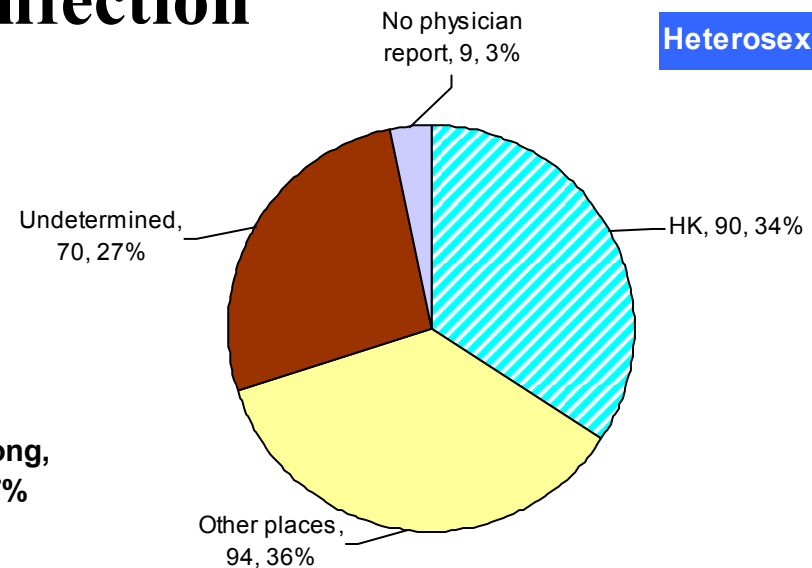
# 估計愛滋病病毒感染地區

## Suspected location of HIV infection

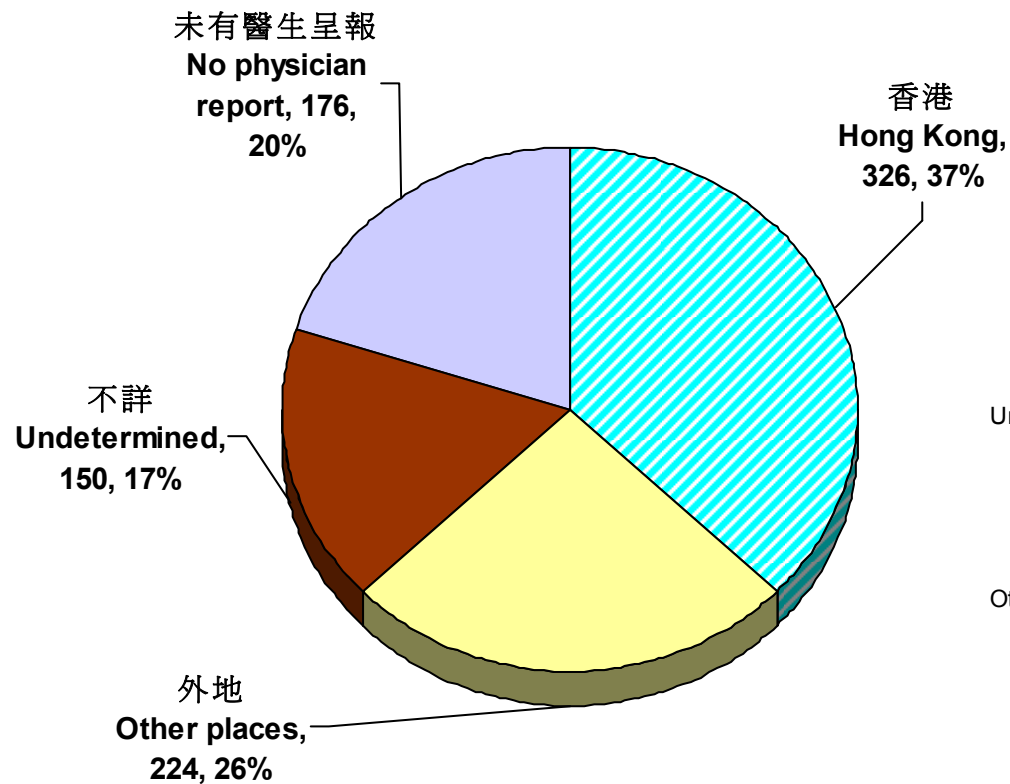
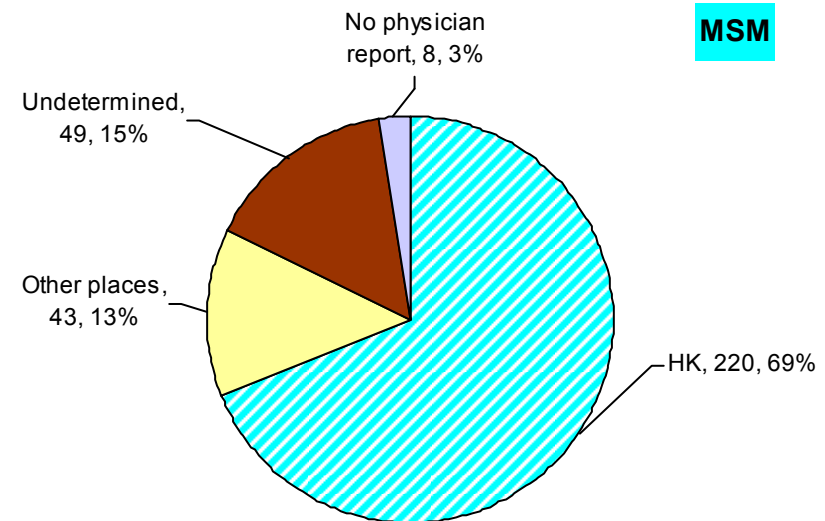
January 2006 – March 2008,

Hong Kong (N=876)

Heterosexual



MSM



# Natural course of HIV infection

## 愛滋病病毒感染的自然進程

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- Without treatment, about half of the infected people will progress to AIDS in ten years' time.  
若沒有接受治療，約一半受感染人士會於十年內發病成為愛滋病患者。
- AIDS is characterised by development of major clinical complications, e.g. opportunistic infections, cancers, related to the underlying immunosuppression.  
愛滋病表示因抵抗力下降，出現了嚴重的併發症，例如伺機性感染、惡性腫瘤。
- HIV alone  $\neq$  AIDS ; HIV + AIDS-defining illness = AIDS  
愛滋病病毒感染  $\neq$  愛滋病；  
愛滋病病毒感染 + 愛滋病界定疾病 = 愛滋病



**HIV alone  $\neq$  AIDS ;**

**AIDS = HIV + AIDS-defining illness**

愛滋病病毒感染 $\neq$ 愛滋病；

愛滋病 = 愛滋病病毒感染 + 愛滋病  
界定疾病

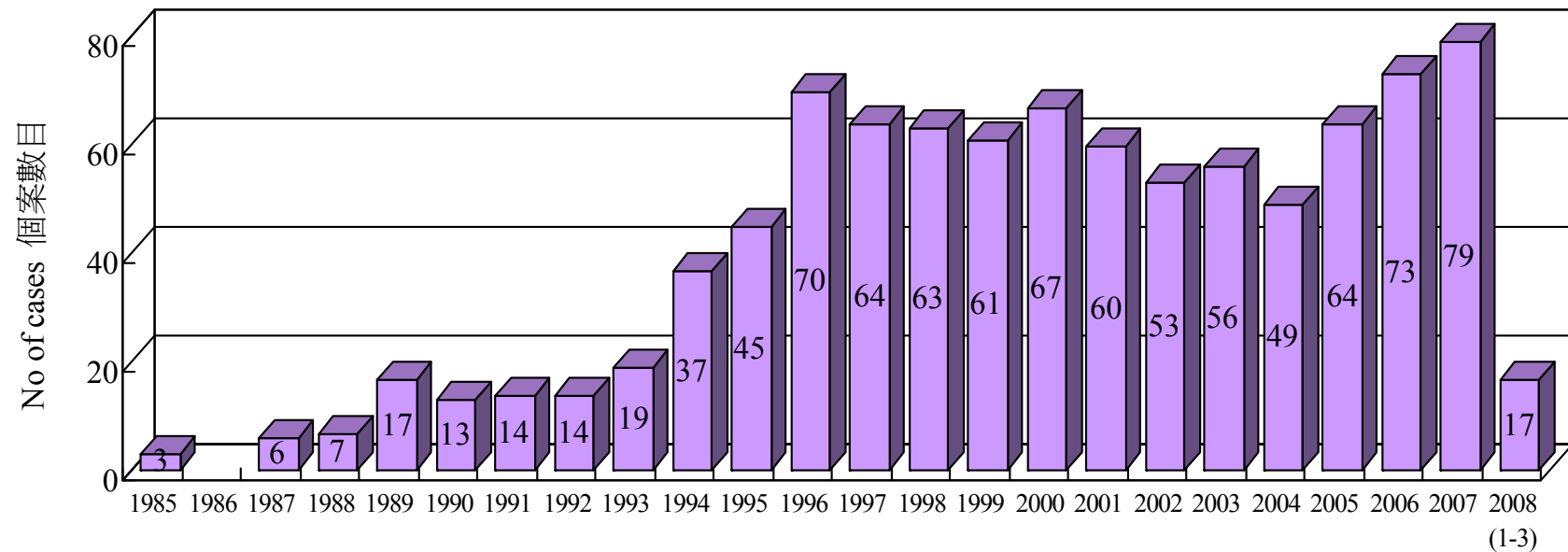
## Yearly statistics on AIDS 每年愛滋病統計 1985 – March 2008 (N=951)

### Three commonest AIDS –defining illnesses

三種最常見愛滋病界定疾病

- PCP 肺囊蟲肺炎 **47%\***(39%)
- Tuberculosis 結核病 **35%\***(26%)
- Fungal infections 真菌感染 **12%\***(18%)

\*2008 (Jan-Mar) figures  
(cumulative from 1985 – March 2008)

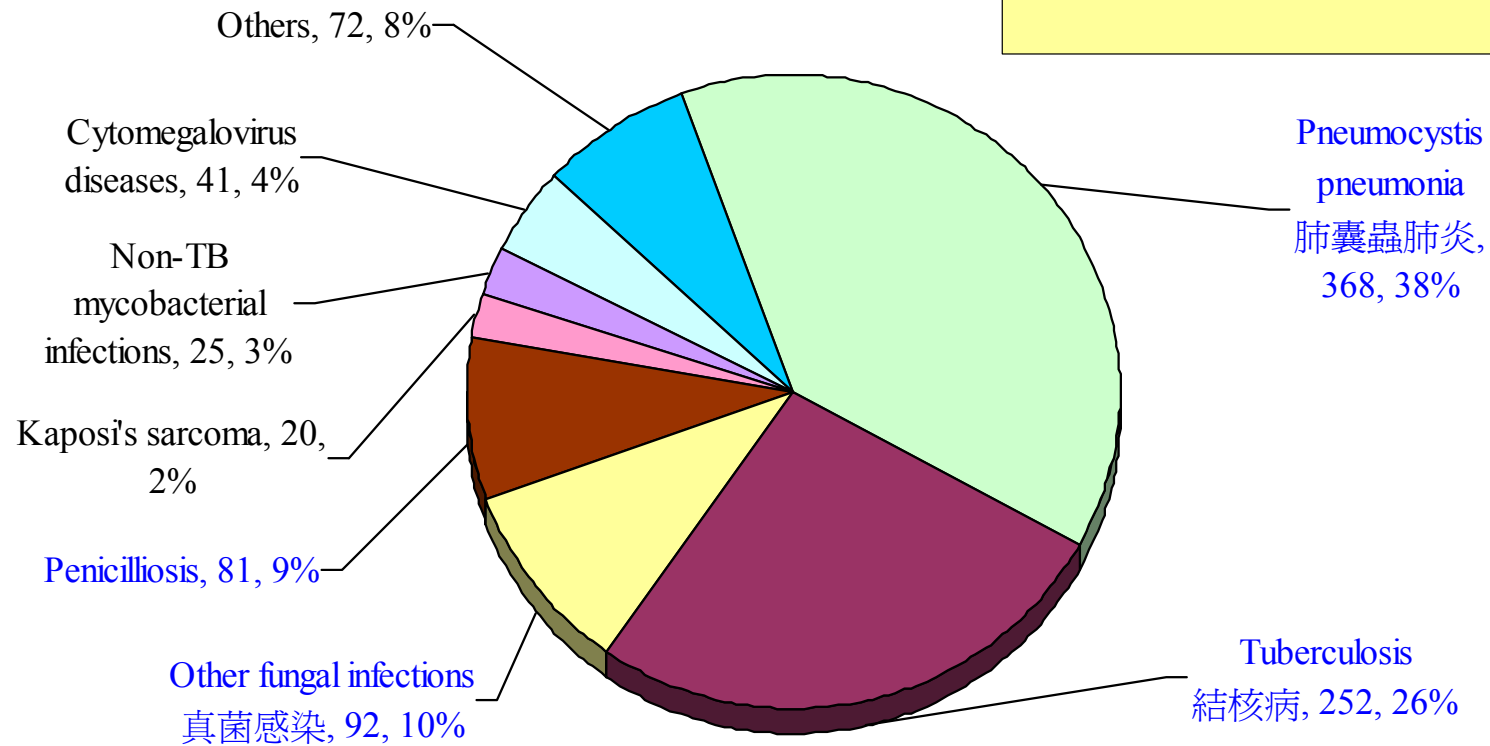


Year 年份

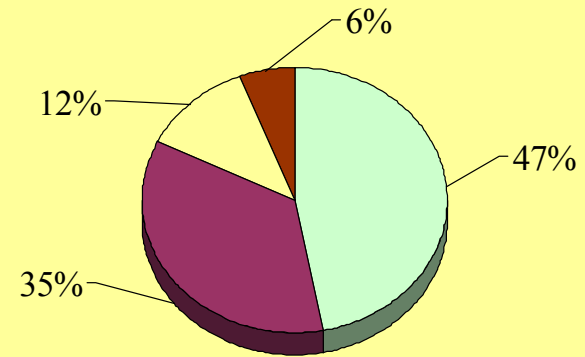
# AIDS –defining illnesses

## 愛滋病界定疾病

### 1985 – March 2008 (N=951)



Year 2008 (Jan -Mar)



# HIV situation in 1<sup>st</sup> quarter 2008 at a glance

## 二零零八年第一季愛滋病流行情況一覽

|                                |           |
|--------------------------------|-----------|
| <b>HIV infections reported</b> | <b>89</b> |
| 愛滋病病毒感染呈報個案                    |           |
| Male/Female 男/女                | 70/19     |
| Chinese/Non-Chinese 華裔/非華裔     | 58/31     |
| Route of transmission 感染途徑     |           |
| Heterosexual 異性性接觸             | 27        |
| Homosexual 同性性接觸               | 25        |
| Bisexual 雙性性接觸                 | 3         |
| Injecting drug use 注射毒品        | 10        |
| Undetermined 不詳                | 24        |
| <b>AIDS reported</b>           | <b>17</b> |
| 愛滋病呈報個案                        |           |

# Summary 撮要

- 89 HIV infections were reported to DH in 1<sup>st</sup> quarter 2008.  
二零零八年第一季衛生署共收到八十九宗愛滋病病毒感染個案。
- Number of HIV report through homosexual or bisexual transmission was increasing in Hong Kong. This was the major route of transmission this quarter. Most of them were infected locally.  
男男性接觸的個案持續增多，這是今季主要的愛滋病病毒傳播途徑。大部份個案相信為本地感染。
- 17 AIDS reports were received, a stable level in the past few years.  
本年有十七宗愛滋病呈報，數字維持穩定水平。
- Pneumocystis Pneumonia (PCP) is the commonest AIDS-defining illness in this quarter.  
肺囊蟲肺炎是本季最常見的愛滋病界定疾病。

## KEY MESSAGES

### 重要訊息

**1 Anyone with suspected risk should go for an HIV test early**

擔心受感染人士應儘快接受愛滋病病毒抗體測試

**AIDS Hotline for HIV Testing: 27802211**  
**Free, Anonymous and Confidential**

愛滋熱線，預約愛滋病病毒抗體測試：

二七八零二二一一

免費、不記名、保密

**Social Hygiene Clinics, Department of Health**

衛生署社會衛生科診所

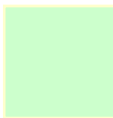


## Other HIV testing services in Hong Kong 香港其他愛滋病測試服務

 **AIDS Concern**  
關懷愛滋  
**Tel: 電話: 2898 4411**

 **Hong Kong AIDS Foundation**  
香港愛滋病基金會  
**Tel: 電話: 2513 0513**

 **C.H.O.I.C.E.**  
再思社區健康組織  
**Tel: 電話: 3188 9024**

 **Private doctors**  
私家醫生

## KEY MESSAGES

### 重要訊息

- 2 Use a condom for safer sex**  
採取預防措施，正確使用安全套
- 3 Break the needle habit; Methadone does it**  
要美沙酮，不要針筒
- 4 Pregnant women should attend early for antenatal HIV testing**  
懷孕婦女應儘早作產前愛滋病病毒抗體測試。



**H**  
**I >**  
**H I V**  
**A I D S**  
**H I V H I**  
**A I D S A I**  
**H I A I D S**  
**I V V I D S H I V A**  
**V A I D S H I A A I**  
**D S H I V V I D S H**  
**< V - D S H I > V I D**

要**正視** 要**測試**

**Face** it! **Test** it!

愛滋熱線 AIDS Hotline **2780 2211**

及早接受愛滋病毒抗體測試，儘早診斷和治療，繼續健康人生。  
Get an HIV Antibody Test without delay. Early checkup, early treatment for healthy life.



衛生署  
Department of Health



衛生防護中心  
Centre for Health Protection



紅絲帶中心  
Red Ribbon Campaign



UNAIDS  
Collaborating Centre  
世界衛生組織愛滋病防治中心  
The Technical Support Unit (TSU)

相關網址 Related Websites:  
<http://www.aids.gov.hk>  
<http://www.27802211.com>

<http://www.aids.gov.hk>

