## 香港人口推算 Hong Kong Population Projections 2007-2036

## 結果公布 Announcement of Results

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政府統計處 Census and Statistics Department



## 緒言 Introduction

• 一套新的、涵蓋未來三十年的人口推算經已製備。

• A new set of population projections, covering the coming 30 years, has been prepared.



## 推算方法

### Projection methodology

香港人口

The Hong Kong Population

以「居港人口」量度

Measured by the "Hong Kong Resident Population"

常住居民:所有時間或大部分

時間在港的居民

Usual Residents: Residents who stay all the time or the majority of their time in Hong Kong

是指兩類人士:(一)在統計時點之前的六個月內,在港逗留最少三個月內,又或在統計時點之後的六個月內香港,在港逗留最少三個月的香港永久性居民,不論在統計時點他們是否身在香港;及(二)在統計時點身在香港的香港非永久性居民。

refer to two categories of people: (1) Hong Kong Permanent Residents who have stayed in Hong Kong for at least three months during the six months before or for at least three months during the six months after the reference time-point, regardless of whether they are in Hong Kong or not at the reference time-point; and (2) Hong Kong Nonpermanent Residents who are in Hong Kong at the reference time-point.



## 推算方法 (續) Projection methodology (Cont'd)

流動居民: 只有小部分時 間在港的居民

> 是指在統計時點之前的 六個月內,在港逗留最 少一個月但少於三個 月內,又或在統計時點之 後留最少一個月但少於 留最少一個月但少於三 個月的香港永久性居 民,不論在統計時點他 們是否身在香港。

Mobile Residents: Residents who only spend the minority of their time in Hong Kong

they are Hong Kong Permanent Residents who have stayed in Hong Kong for at least one month but less than three months during the six months before or for at least one month but less than three months during the six months after the reference time-point, regardless of whether they are in Hong Kong or not at the reference time-point.



## 推算方法 (續) Projection methodology (Cont'd)

- •「組成部分法」
  - 先將某基準年的人口按年齡及性別劃分,然後結合不同的生育推算、死亡推算及人口遷移推算,逐年向前推算,直至推算期末年。

- "Component method"
  - The population of a base year is brought forward by age and sex under separate projections of fertility, mortality and movement, year after year until the end of the projection period.



## 推算方法 (續) Projection methodology (Cont'd)

#### 推算假設

#### **Projection Assumptions**

- 使用統計模型方法研究香港人口、社會及經濟的過往趨勢及近期發展,以訂定生育、死亡及人口遷移的假設。 Performing statistical studies using modelling methods on the past trends and developments pertaining to the socio-economic conditions in Hong Kong to generate the fertility, mortality and movement assumptions.
- 若有涉及政府政策之處,現行政策假設維持不變。 Where government policies are involved, it is taken that existing policies will continue to apply.

## 生育及死亡趨勢

## Fertility and Mortality Trends

		l I			2016及以後
		' 			2016 and
	<u>1986</u>	<u>2006</u>	<u>2008</u>	<u>2011</u>	<u>after</u>
		!			
總和生育率	1 367	984	947	903	900
(每一千名婦女一生中平均生產嬰兒數目)		į			
Total Fertility Rate					
(Average no. of births during the lifetime per		'			

		<u>1986</u>	<u>2006</u> #	2036
出生時平均預期壽命(年)	男性 Male	74.1	79.5	82.7
Expectation of Life at Birth (Years)	女性 Female	79.4	85.6	88.3



1 000 females)

# 臨時數字 Provisional figures

## 生育 Fertility

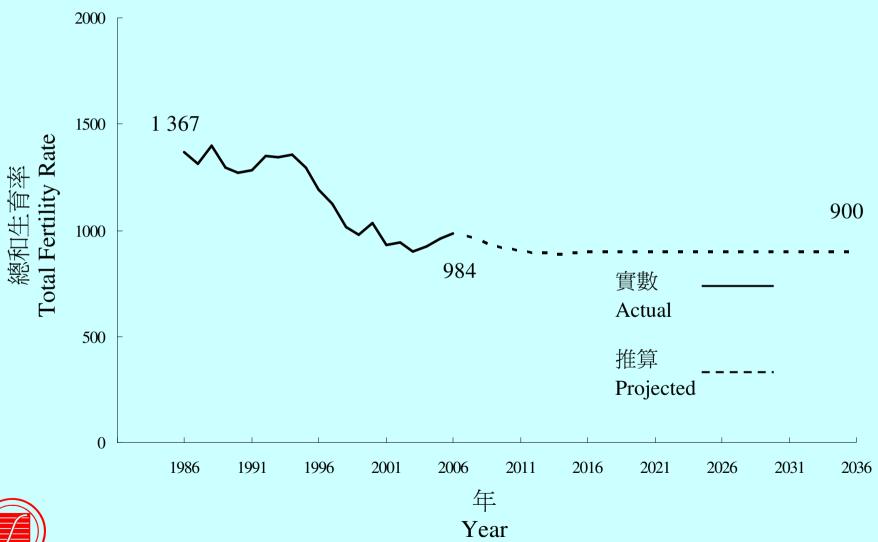
## 總和生育率

#### Total fertility rate

 refers to the average number of children that would be born alive to 1 000 women during their lifetime if they were to pass through their childbearing ages experiencing the age specific fertility rates (the number of live births occurring among 1 000 women in a given age group) prevailing in a giving year.



## 生育 (續) Fertility (Cont'd)





## 內地女性在香港所生的嬰兒假設 Assumptions on babies born in HK to Mainland women

• 第一類嬰兒 --- 父親爲香港永久性居民

數量: 每年10000名

概況: 35% 將會離開香港

90%將會返港,大部份於三歲

及六歲

• 第二類嬰兒 --- 父親並非香港永久性居民

數量: 每年20 000名

概況: 91%將會離開香港

58%將會返港,大部份於三歲

及六歲

 Type I babies --- fathers being Hong Kong Permanent Residents

Magnitude: 10 000 per annum

Profile: 35% will leave Hong Kong

90% will return, mostly at

ages 3 and 6

Type II babies --- fathers not being Hong Kong Permanent Residents

Magnitude: 20 000 per annum

Profile: 91% will leave Hong Kong

58% will return, mostly at

ages 3 and 6

概況假設是根據2007年「內地女性在香港所生的嬰兒統計調查」的結果編製。

Assumptions on the profile were derived from results of the "Survey on babies born in Hong Kong to Mainland women" conducted at the Births Registries in early 2007.

## 死亡 Mortality

## 出生時平均預期壽命

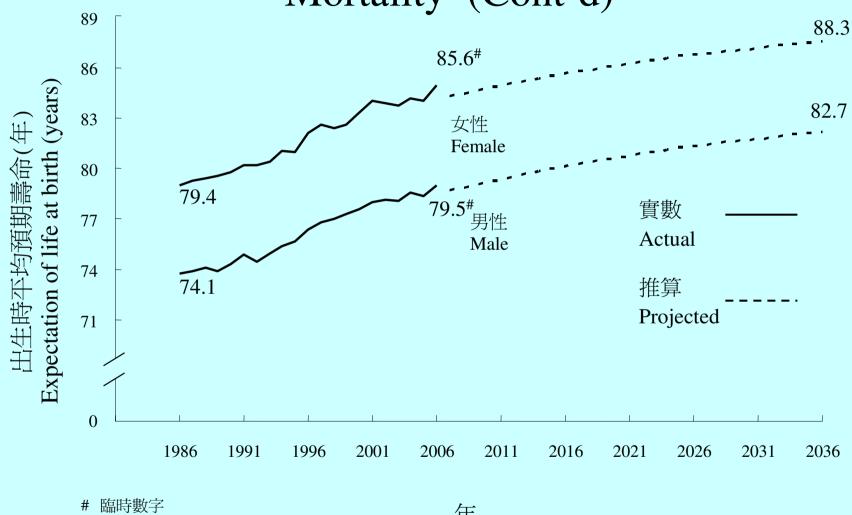
是指某年出生人士, 若其一生經歷一如該 年年齡性別死亡率 (某一年齡、性別組 別中每千人的死亡數 目)所反映的死亡情 況,他/她預期能活 的年數。

#### Expectation of life at birth

 refers to the number of years that a person born in a given year is expected to live if he/she was subject to the prevalent mortality conditions as reflected by the set of agesex specific mortality rates (the number of deaths occurring among 000 persons for a given sex in a given age group) for that year.









Provisional figures

年 Year

## 人口數目 Population Size

	二零零六年	二零三六年	平均每年
	年中	年中	增長率
	Mid-2006	Mid-2036	Average annual growth rate
			grownrac
人口	6 857 100	8 570 200	0.7%
Population			
常住居民	6 638 300	8 143 900	0.7%
Usual Residents			
流動居民	218 800	426 300	2.2%
Mobile Residents			



## 人口數目及年齡結構 Population Size and Age Structure





## 人口的年齡結構

#### Age Structure of Population

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百分比

Percentage 年中 Mid-year

	實	數			推算			
	Act	ual			Projected			
	2001	2006	2011	2016	2021	2026	2031	2036
零至十四歲 Aged 0-14	16%	14%	12%	12%	13%	12%	12%	12%
十五至六十四歲 Aged 15-64	72%	74%	75%	73%	69%	66%	63%	62%
六十五歲及以上 Aged 65 and over	11%	12%	13%	15%	18%	22%	25%	26%

(由於四捨五入,數字的總和可能不等於100%。)

(Figures may not add up to 100% due to rounding.)

年齡中位數 36.8 39.6 41.1 42.1 42.8 43.8 45.0 46.1

Median age



#### 撫養比率\*

## Dependency Ratio\*

包括外籍家庭傭工				不包括外籍家庭傭工				
		Including			Excluding			
年中	foreign	n domestic h	nelpers	foreig	foreign domestic helpers			
Mid-	少年兒童	老年	總比率	少年兒童	老年	總比率		
year	Child	Elderly	Overall	Child	Elderly	Overall		
實數 Actual								
2001	226	155	381	237	163	399		
2006	185	168	354	194	176	370		
推算 Project	ed							
2011	159	171	330	167	179	346		
2016	162	208	370	171	219	390		
2021	181	262	443	191	277	469		
2026	189	336	525	201	358	559		
2031	193	400	593	206	428	635		
2036	186	425	611	200	456	656		

<sup>\*</sup> 亦稱年齡撫養比率。其實是一個反映人口年齡結構的比率,而非從經濟角度看的「撫養」情況。

<sup>\*</sup> Also termed "age dependency ratio" - It is actually a ratio reflecting age composition of the population, and not a measure of economic dependency.

# 性別比率 (男性數目相對每千名女性的比率) Sex Ratio (ratio of the number of males per 1 000 females)

(a) 包括外籍家庭傭工 (a) Foreign Domestic Helpers included

		年齡組別 Age Group						
年中 <u>Mid-year</u> 實數 Actual	<u>0–14</u>	<u>15–24</u>	<u>25–44</u>	<u>45–64</u>	<u>65 +</u>	總計 Overall		
2001	1 072	989	865	1 075	858	956		
2006	1 063	972	790	1 003	856	912		
推算 Projecte	d							
2011	1 061	903	731	946	856	869		
2016	1 054	887	675	895	858	831		
2021	1 045	864	626	852	853	797		
2026	1 044	858	587	786	845	767		
2031	1 044	860	557	725	802	738		
2036	1 043	859	545	674	751	709		



## 性別比率 (男性數目相對每千名女性的比率)

#### Sex Ratio (ratio of the number of males per 1 000 females)

(b) 不包括外籍家庭傭工 (b) Foreign Domestic Helpers excluded

年齡組別 Age Group						
年中						總計
Mid-year	<u>0–14</u>	<u>15–24</u>	<u>25–44</u>	<u>45–64</u>	<u>65 +</u>	<u>Overall</u>
實數 Actual						
2001	1 072	1 074	986	1 105	858	1 021
2006	1 063	1 039	907	1 030	857	971
推算 Projecto	ed					
2011	1 061	968	852	969	856	928
2016	1 054	964	789	917	858	889
2021	1 045	956	733	875	853	854
2026	1 044	953	693	809	845	822
2031	1 044	953	669	748	802	792
2036	1 043	955	664	695	751	763
2036	1 043	955	664	695	751	763

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## 人口的自然增長

#### Natural Increase of the Population

推算期末 (2036)

End of Projection Period (2036)

出生 60 300 69 800\*

Births (每年 per year)

死亡 36 900 76 700

Deaths (每年 per year)

從二零三四年起每年的死亡人數比出生人數多

Annual deaths exceed births from 2034 onwards

註譯:\* 當中有30000名嬰兒是由內地婦女所生。

Note: \* Among them, 30 000 were born to Mainland women.



#### 人口變化的元素

## Constituents of Population Change 2006-2036

整體人口增加 Growth of Overall Population

**(+)** 1 713 000

與整體人口增加的比率 Ratio to Growth of Overall Population

• 人口自然增長 Natural Increase

(<del>+</del>) 491 000

(<del>+</del>) 29%

出生 Birth **(+)** 2 163 000

**(+)** 126%

[其中:內地婦女在香港所生嬰兒

Of which: Births in HK to
Mainland women

(+) 900 000

(**+**) 53%]

死亡 Death

(**-**) 1 672 000

(<del>-</del>) 98%

• 遷移 Movement (**+**) 1 222 000

(+) 71%

單程通行證持有人來港定居 One-way Permit Holders arriving to settle in HK **(+)** 1 643 000

(<del>+</del>) 96%

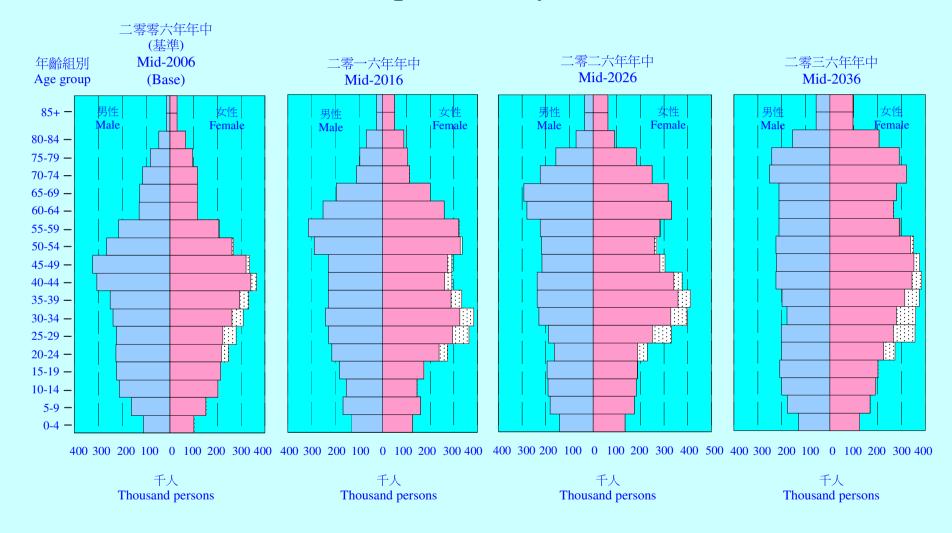


其他*淨*遷移
Other *net* movements

(-) 421 000

(<del>-</del>) 25%

#### 人口金字塔 Population Pyramid





外籍家庭傭工 Foreign domestic helpers

#### 二零零三年爲基準年的人口推算與二零零六年爲基準年的人口推算比較 Comparison between the 2003-based and the 2006-based population projections

	二零零三年爲基準年 <u>的人口推算</u> 2003-based		二零零六年爲基準年 <u>的人口推算</u> 2006-based		
年中 Mid-year	(a) 人口數目 Population	(b) 每年增長率 Annual growth rate	(c) 人口數目 Population	(d) 每年增長率 Annual growth rate	修訂幅度 Extent of revision (c-a)/a×100%
2006	6 939 700	0.7%	6 857 100*	0.6%	-1.2%
2007	6 996 200	0.8%	6 916 300	0.9%	-1.1%
2008	7 058 900	0.9%	6 975 100	0.9%	-1.2%
2009	7 123 000	0.9%	7 034 100	0.8%	-1.2%
2010	7 188 500	0.9%	7 094 000	0.9%	-1.3%
2011	7 255 400	0.9%	7 153 500	0.8%	-1.4%
2016	7 572 600	0.8%	7 450 000	0.8%	-1.6%
2021	7 862 800	0.7%	7 784 000	0.8%	-1.0%
2026	8 114 800	0.6%	8 094000	0.7%	-0.3%
2031	8 318 200	0.4%	8 360 700	0.6%	0.5%
(2033	8 384 100	0.4%	8 451 600	0.5%	0.8%)
2036	, , , , , ,	推算) ojected)	8 570 200	0.4%	



註譯:\* 這是實際的人口數字,亦是2006年人口推算的基準數字

Note: \* This is the actual population figure and is also the base figure for the 2006 based projections.

## 謝謝 Thank You

