

香港人口推算
Hong Kong Population Projections
2007–2036

結果公布
Announcement of Results

二零零七年七月十六日
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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，又或在統計時點之後的六個月內，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 Non-permanent 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，又或在統計時點之後的六個月內，在港逗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

	<u>1986</u>	<u>2006</u>	<u>2008</u>	<u>2011</u>	<u>2016及以後</u> <u>2016 and</u> <u>after</u>
總和生育率 (每一千名婦女一生中平均生產嬰兒數目)	1 367	984	947	903	900
Total Fertility Rate (Average no. of births during the lifetime per 1 000 females)					
			<u>1986</u>	<u>2006[#]</u>	<u>2036</u>
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



臨時數字

Provisional figures

生育 Fertility

總和生育率

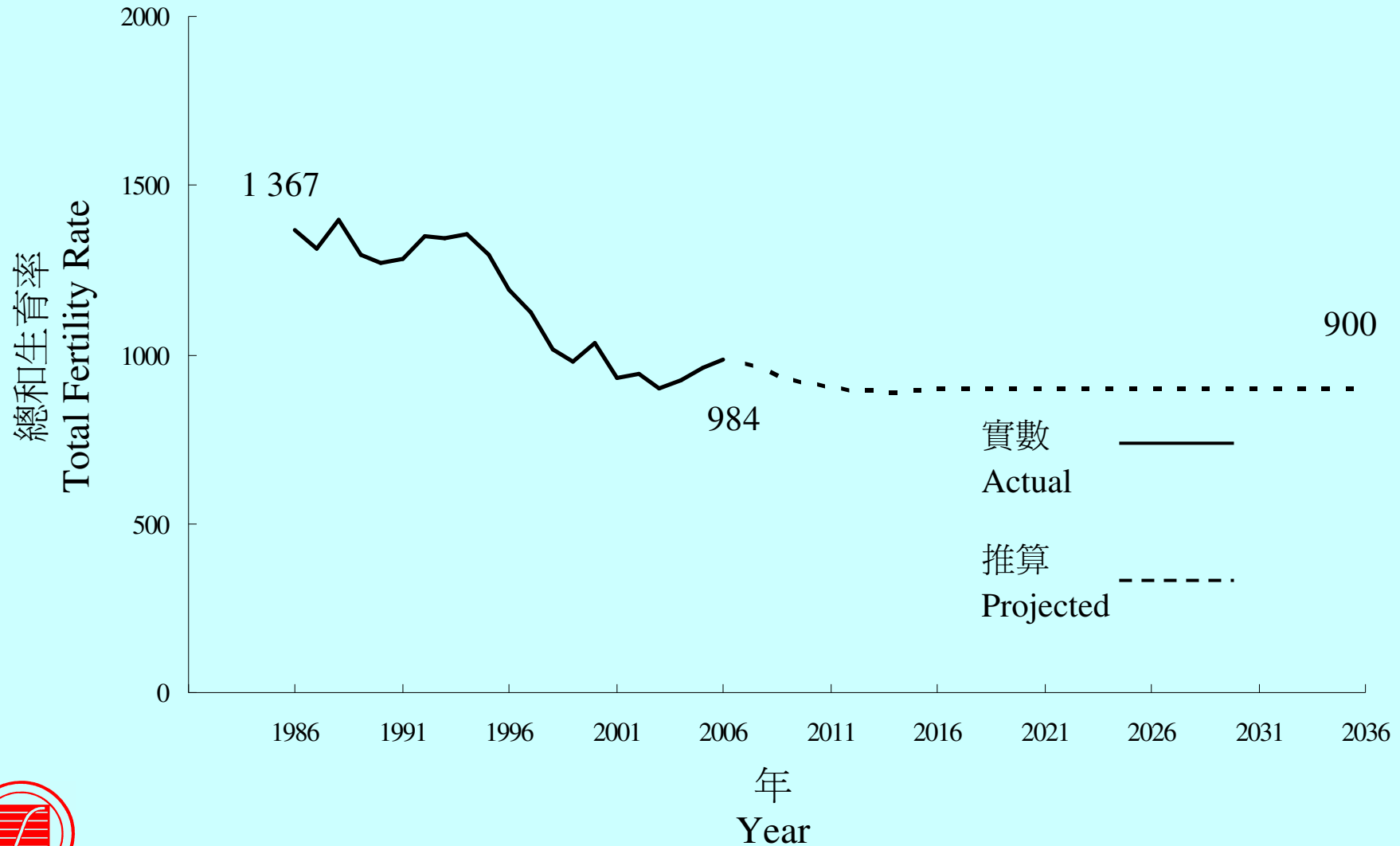
- 是指一千名婦女，若她們在生育齡期（即十五至四十九歲）經歷了一如該年的年齡別生育率（某一年齡組別中每千名女性的活產嬰兒數目），其一生中活產子女的平均數目。

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 15–49 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 --- 父親為香港永久性居民
數量: 每年10 000名
概況: 35% 將會離開香港
90% 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
- 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 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

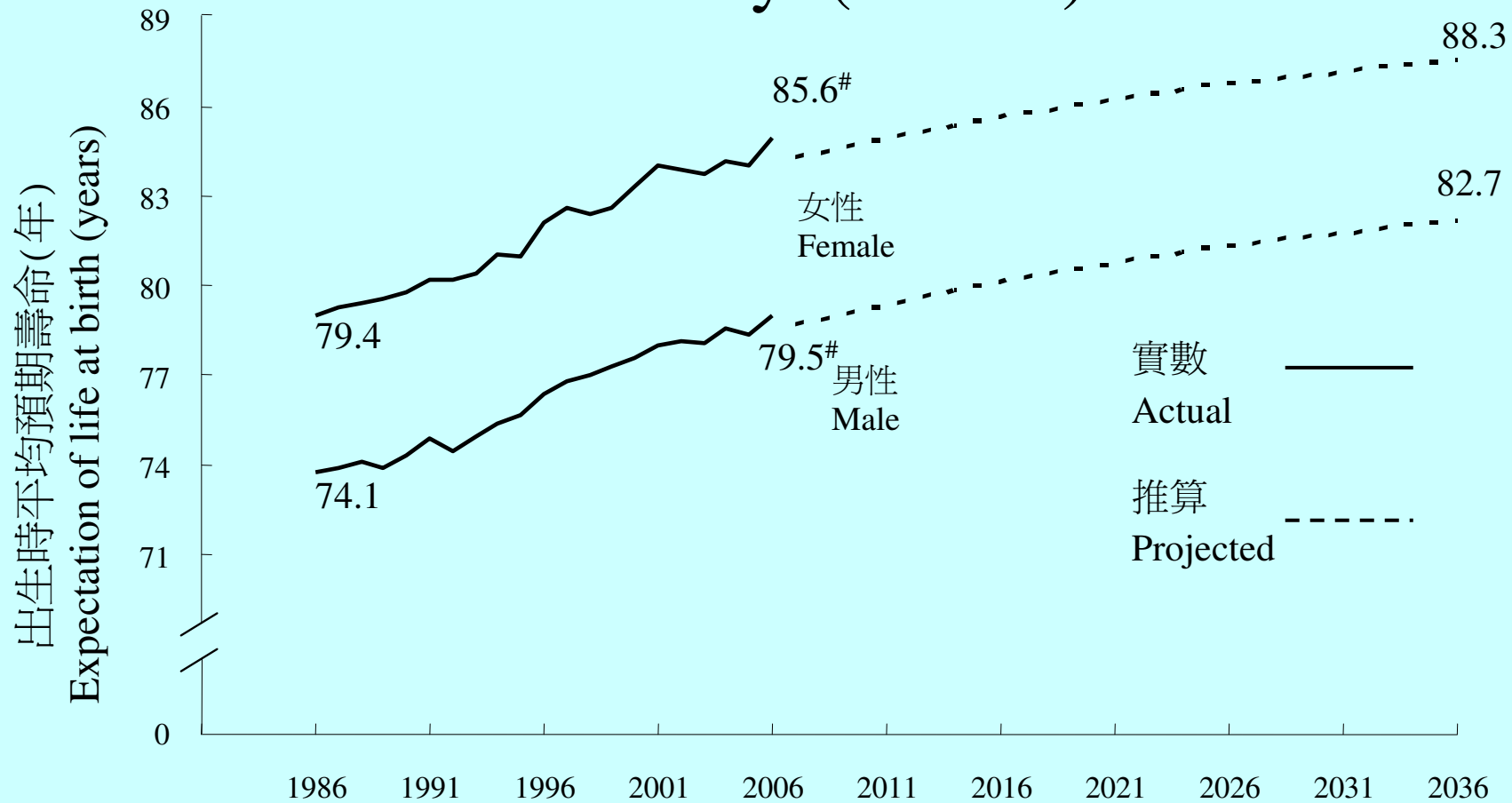
- 是指某年出生人士，若其一生經歷一如該年年齡性別死亡率（某一年齡、性別組別中每千人的死亡數目）所反映的死亡情況，他／她預期能活的年數。

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 age-sex specific mortality rates (the number of deaths occurring among 1 000 persons for a given sex in a given age group) for that year.



死亡 (續) Mortality (Cont'd)



臨時數字
Provisional figures

年
Year



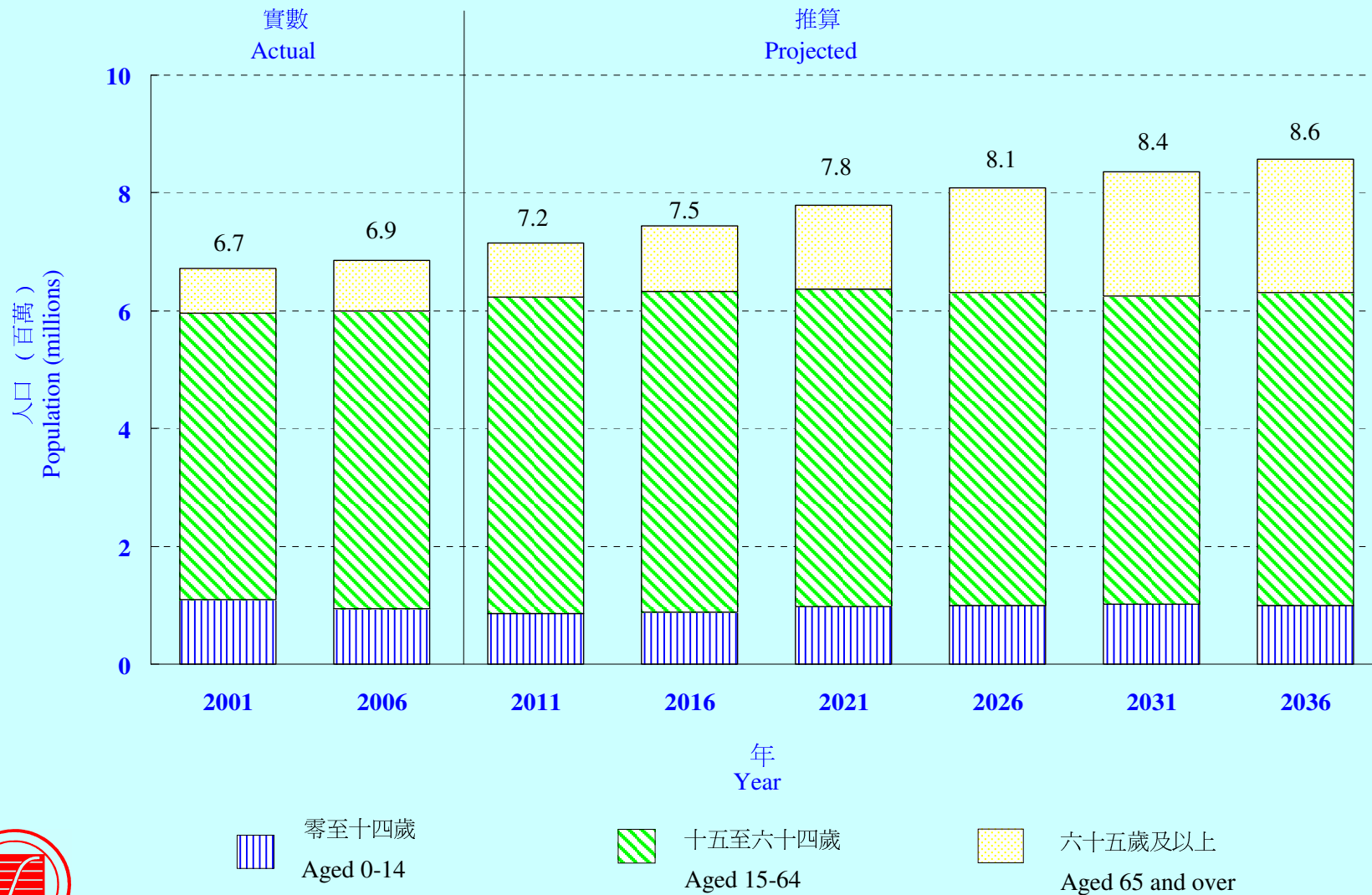
人口數目 Population Size

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



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

百分比

Percentage

年中 Mid-year

	實數 Actual		推算 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 Median age	36.8	39.6	41.1	42.1	42.8	43.8	45.0	46.1
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撫養比率*

Dependency Ratio*

年中 Mid- year	包括外籍家庭傭工 Including foreign domestic helpers			不包括外籍家庭傭工 Excluding foreign domestic helpers		
	少年兒童 Child	老年 Elderly	總比率 Overall	少年兒童 Child	老年 Elderly	總比率 Overall
實數 Actual						
2001	226	155	381	237	163	399
2006	185	168	354	194	176	370
推算 Projected						
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

* 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。

* 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

年中 <u>Mid-year</u>	年齡組別 Age Group					總計
	<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	989	865	1 075	858	956
2006	1 063	972	790	1 003	856	912
推算 Projected						
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

年中 <u>Mid-year</u>	年齡組別 Age Group					總計
	<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 Projected						
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



人口的自然增長

Natural Increase of the Population

	<u>2006</u>	<u>推算期末 (2036)</u> <u>End of Projection Period (2036)</u>
出生 Births	60 300	69 800* (每年 per year)
死亡 Deaths	36 900	76 700 (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30 000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

(+) 491 000

(+) 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

(-) 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

(+) 96%

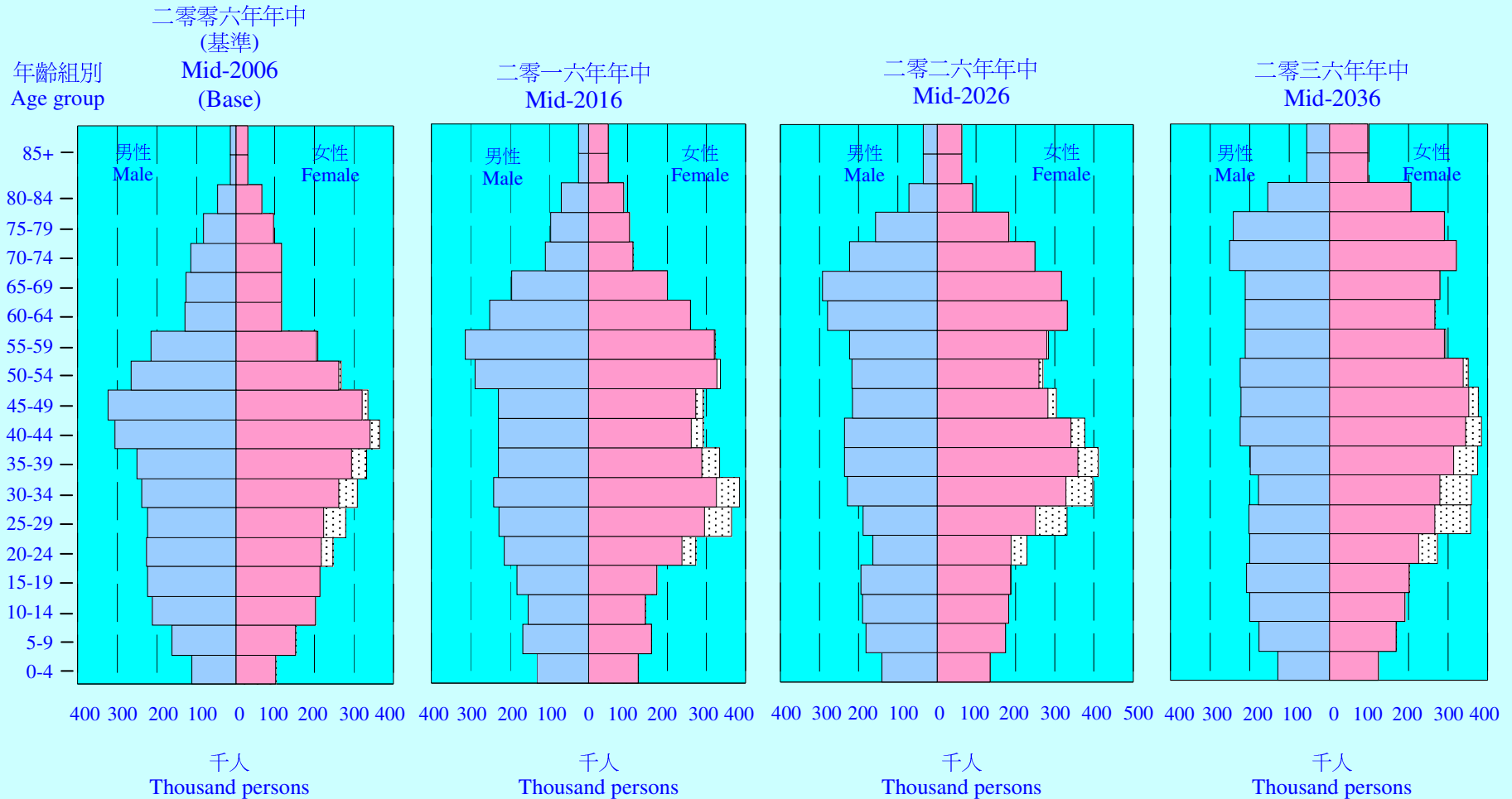
其他淨遷移
Other *net* movements

(-) 421 000

(-) 25%



人口金字塔 Population Pyramid




 外籍家庭傭工
 Foreign domestic helpers

二零零三年為基準年的人口推算與二零零六年為基準年的人口推算比較

Comparison between the 2003-based and the 2006-based population projections

年中 Mid-year	二零零三年為基準年 的人口推算 2003-based		二零零六年為基準年 的人口推算 2006-based		修訂幅度 Extent of revision (c-a) / a × 100%
	(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	
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%	8 094 000	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	(並無推算) (not projected)		8 570 200	0.4%	



註譯：*
Note: *

這是實際的人口數字，亦是2006年人口推算的基準數字
This is the actual population figure and is also the base figure for the 2006 based projections.

謝謝
Thank You

