

The Centre for Quality of Life The Chinese University of Hong Kong

CUHK Hong Kong Quality of Life Index

August 13, 2009

The Centre for Quality of Life

- The Centre for Quality of Life, established under the Hong Kong Institute of Asia-Pacific Studies, is the first centre specializing in quality of life research in Hong Kong and in different Chinese communities



The Centre for Quality of Life

- Incorporating the expertise of faculty members from different disciplines
- The Centre has compiled a composite index named CUHK Hong Kong Quality of Life Index
- Taking 2002 as the base year, the Index is released annually since 2003





CUHK Hong Kong Quality of Life Index

SOCIAL SUB-INDEX

ECONOMIC SUB-INDEX

ENVIRONMENTAL SUB-INDEX

SOCIAL SUB-INDEX

- Standardized Mortality Rate (per 1000 standard population)
- Life Expectancy at Birth (in years)
- Public Expenditure on Health as a Proportion (in percent) of the Gross Domestic Product
- Notification Rate of Notifiable Infectious Diseases (per 1000 population)



SOCIAL SUB-INDEX (cont'd)

- Stress Index*
- General Life Satisfaction Index *
- Press Freedom Index *
- Press Criticism Index *
- Government Performance Index *
- Overall Crime Rate
(per 1000 Population)

* based on data collected by surveys conducted by the Hong Kong Institute of Asia-Pacific Studies of CUHK



ECONOMIC SUB-INDEX



- Housing Affordability Ratio (in years)
- Real Rental Index
- Unemployment Rate (in percent)
- Index of Current Economic Conditions*
- Real Wage Index
- Public Expenditure on Education as a proportion (in percent) of the Gross Domestic Product
- Age Participation Rate for First-Degree Programmes and Postgraduate Programmes in Local Universities (in percent)



* based on data collected by surveys conducted by the Hong Kong Institute of Asia-Pacific Studies of CUHK



ENVIRONMENTAL SUB-INDEX

- Air Index
- Water Index (in percent)
- Noise Index (per 1000 population)
- Recycle Rate of Municipal Solid Waste (in percent)



The higher the rate, the more positive effects on Quality of Life for the following indicators:

- Life Expectancy at Birth
- Public Expenditure on Health as a proportion of the Gross Domestic Product
- General Life Satisfaction Index
- Press Freedom Index
- Press Criticism Index
- Government Performance Index



The higher the rate, the more positive effects on Quality of Life for the following indicators : (cont'd)

- Index of Current Economic Conditions
- Real Wage Index
- Public Expenditure on Education as a proportion of the Gross Domestic Product
- Age Participation Rate for First-Degree Programmes and Postgraduate Programmes in Local Universities
- Water Index
- Recycle Rate of Municipal Solid Waste



The lower the rate, the more positive effects on Quality of Life for the following indicators:

- Standard Mortality Rate
- Notification Rate of Notifiable Infectious Diseases
- Stress Index
- Overall Crime Rate
- Housing Affordability Ratio
- Real Rental Index
- Unemployment Rate
- Air Index
- Noise Index



Composition of Social Sub-Index

	2002 (Base Year)	2007	2008
Standardized Mortality Rate (per 1000 population)	3.70	3.50	3.50 [#]
Life Expectancy at Birth (in years)	F: 84.50 M: 78.60	F: 85.50 M: 79.40	F: 85.50 [#] M: 79.40 [#]
Public Expenditure on Health as a proportion (in percent) of the Gross Domestic Product	2.70	2.20	2.00
Notification Rate of Notifiable Infectious Diseases (per 1000 population)	3.73	3.65	2.39
Stress Index	100.00	72.91	80.36
General Life Satisfaction Index	100.00	110.22	107.57
Press Freedom Index	100.00	103.92	103.64
Press Criticism Index	100.00	81.86	83.65
Government Performance Index	100.00	183.48	130.48
Overall Crime Rate (per 1000 population)	11.18	11.67	11.23

* Forecasted Figure

Provisional Figure

Composition of Economic Sub-Index

	2002 (Base Year)	2007	2008
Housing Affordability Ratio (in years)	4.68	6.82	7.67
Real Rental Index	87.97	105.27	107.67
Unemployment Rate (in percent)	7.34	3.92	3.68
Index of Current Economic Conditions	76.55	116.70	81.55
Real Wage Index	117.53	116.08	116.68
Public Expenditure on Education as a Proportion (in percent) of the Gross Domestic Product	4.10	3.50	3.40
Age Participation Rate for First-Degree Programme and Postgraduate Programmes in Local Universities (in percent)	17.04	18.70	18.50



Composition of Environmental Sub-Index

	2002 (Base Year)	2007	2008
Air Index	46.90	45.77	44.83
Water Index (in percent)	74.40	80.70	82.82*
Noise Index (per 1000 population)	1.84	1.15	1.07
Recycle Rate of Municipal Solid Waste (in percent)	36.30	44.96	47.82*

* Forecasted Figure



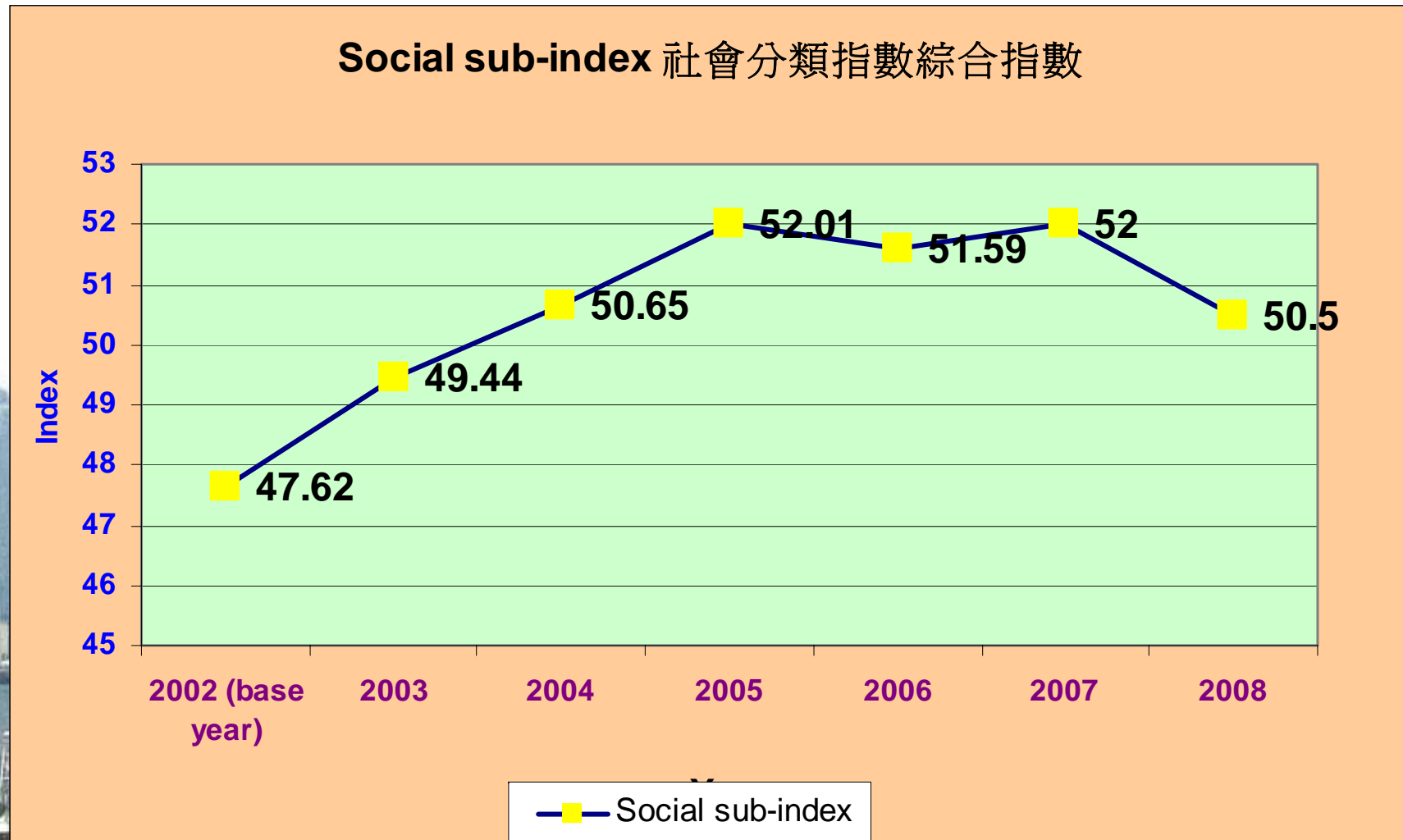
SOCIAL SUB-INDEX

	2002 (Base Year)	2007	2008	
Standardized Mortality Rate (per 1000 population)	4.76	5.02	5.02 [#]	
Life Expectancy at Birth (in years)	4.76	4.81	4.81 [#]	
Public Expenditure on Health as a proportion (in percent) of the Gross Domestic Product	4.76	3.88	3.53	↓
Notification Rate of Notifiable Infectious Diseases (per 1000 population)	4.76	4.86	6.47	↑
Stress Index	4.76	6.05	5.69	↓
General Life Satisfaction Index	4.76	5.25	5.12	↓
Press Freedom Index	4.76	4.95	4.93	↓
Press Criticism Index	4.76	3.90	3.98	↑
Government Performance Index	4.76	8.73	6.21	↓
Overall Crime Rate (per 1000 population)	4.76	4.55	4.74	↑
<i>Social Sub-Index</i>	47.62	52.00	50.5	↓

* Forecasted Figure

Provisional Figure

SOCIAL SUB-INDEX

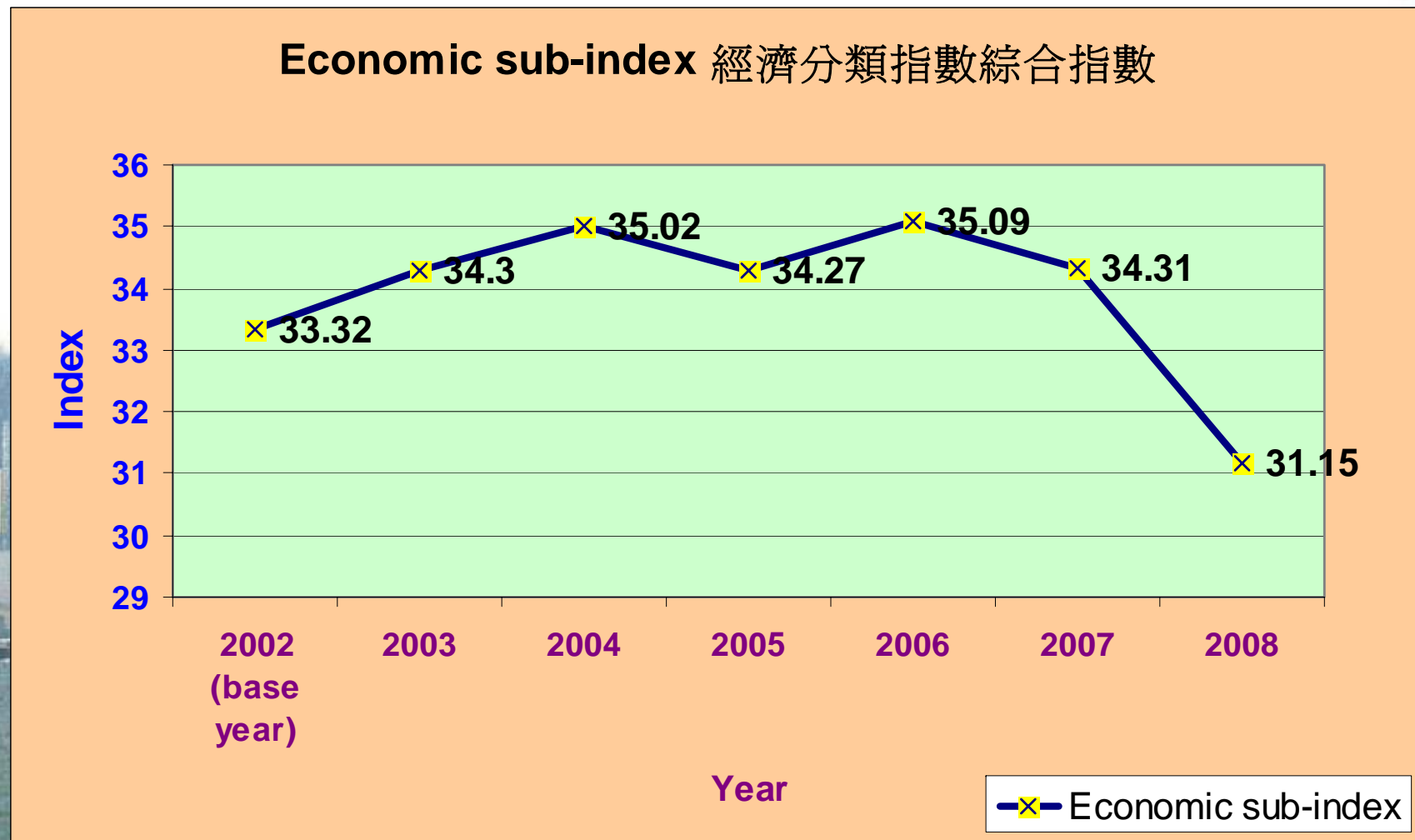


ECONOMIC SUB-INDEX

	2002 (Base Year)	2007	2008	
Housing Affordability (in years)	4.76	2.58	1.72	↓
Real Rental Index	4.76	3.51	3.38	↓
Unemployment Rate (in percent)	4.76	6.98	7.13	↑
Index of Current Economic Conditions	4.76	7.26	5.07	↓
Real Wage Index	4.76	4.70	4.73	↑
Public Expenditure on Education as a Proportion (in percent) of the Gross Domestic Product	4.76	4.06	3.95	↓
Age Participation Rate for First-Degree Programme and Postgraduate Programmes in Local Universities (in percent)	4.76	5.22	5.17	↓
<i>Economic Sub-Index</i>	33.32	34.31	31.15	↓



ECONOMIC SUB-INDEX



ENVIRONMENTAL SUB-INDEX

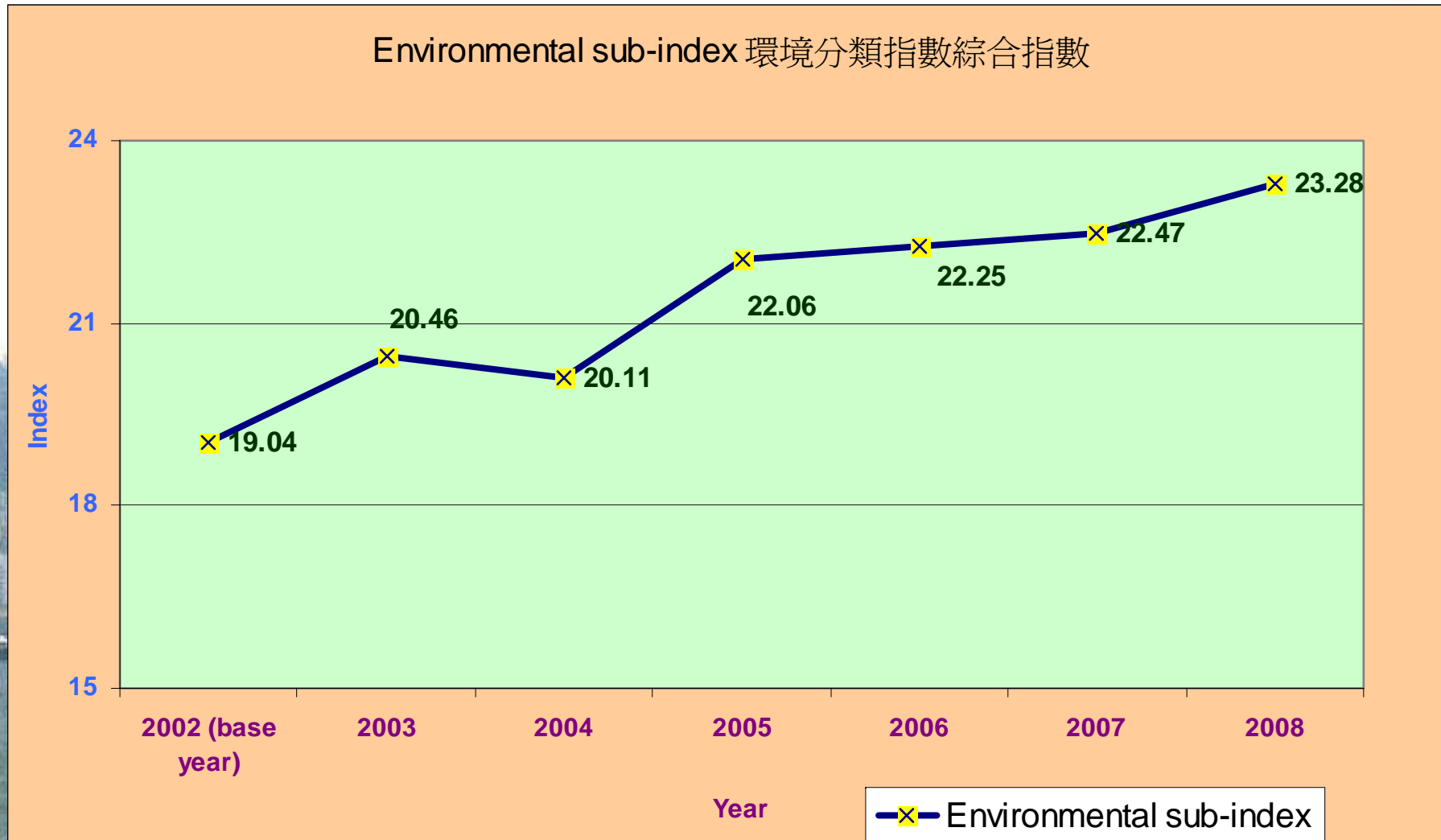
	2002 (Base Year)	2007	2008	
Air Index	4.76	4.87	4.97	↑
Water Index (in percent)	4.76	5.16	5.30*	↑
Noise Index (per 1000 population)	4.76	6.54	6.74*	↑
Recycle Rate of Municipal Solid Waste (in percent)	4.76	5.90	6.27*	↑
<i>Environmental Sub-Index</i>	19.04	22.47	23.28	↑

* Forecasted Figure

Provisional Figure



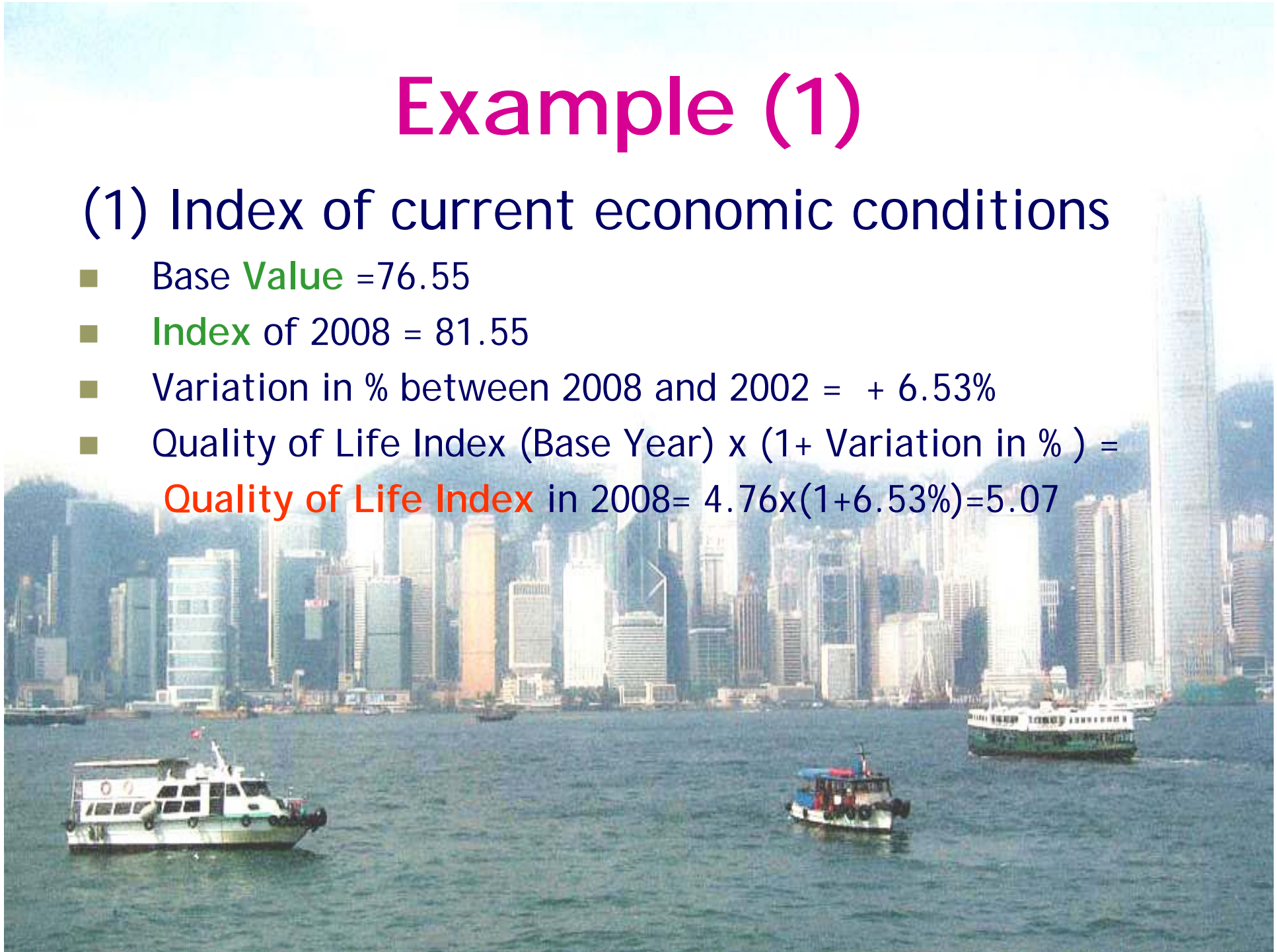
ENVIRONMENTAL SUB-INDEX



Example (1)

(1) Index of current economic conditions

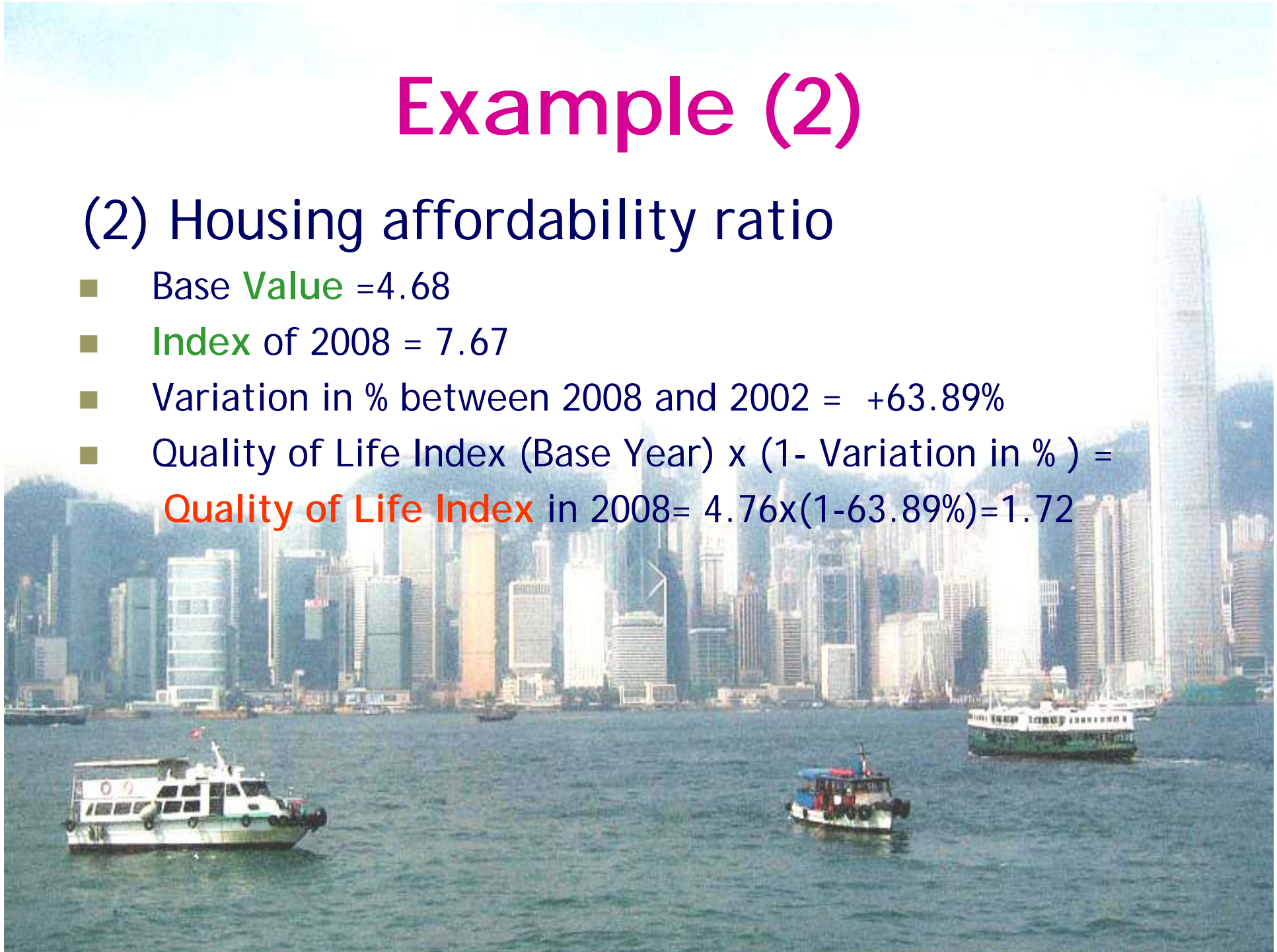
- Base **Value** =76.55
- **Index** of 2008 = 81.55
- Variation in % between 2008 and 2002 = + 6.53%
- Quality of Life Index (Base Year) x (1+ Variation in %) =
Quality of Life Index in 2008= $4.76 \times (1+6.53\%) = 5.07$



Example (2)

(2) Housing affordability ratio

- Base **Value** =4.68
- **Index** of 2008 = 7.67
- Variation in % between 2008 and 2002 = +63.89%
- Quality of Life Index (Base Year) x (1- Variation in %) =
Quality of Life Index in 2008= $4.76 \times (1 - 63.89\%) = 1.72$



Quality of Life Index

The background of the slide is a photograph of a city skyline, likely Hong Kong, viewed from across a body of water. Several ferries and boats are visible on the water in the foreground. The skyline is composed of numerous high-rise buildings, with a prominent, very tall skyscraper on the right side. The sky is clear and blue.

2002 (Base Year) : 100.00

2003 : 104.20

2004 : 105.78

2005 : 108.34

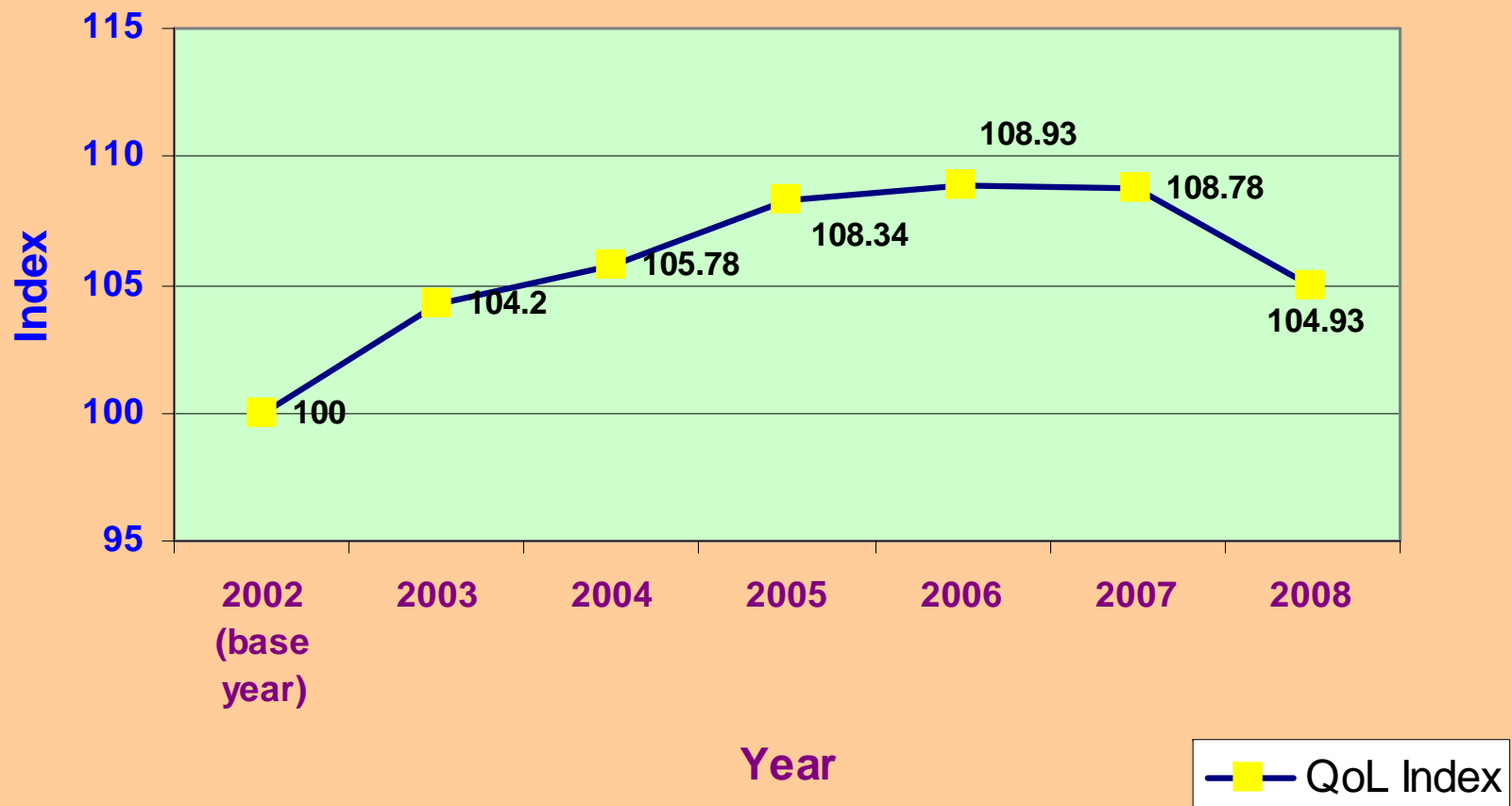
2006 : 108.93

2007 : 108.78

2008 : 104.93

Quality of Life Index

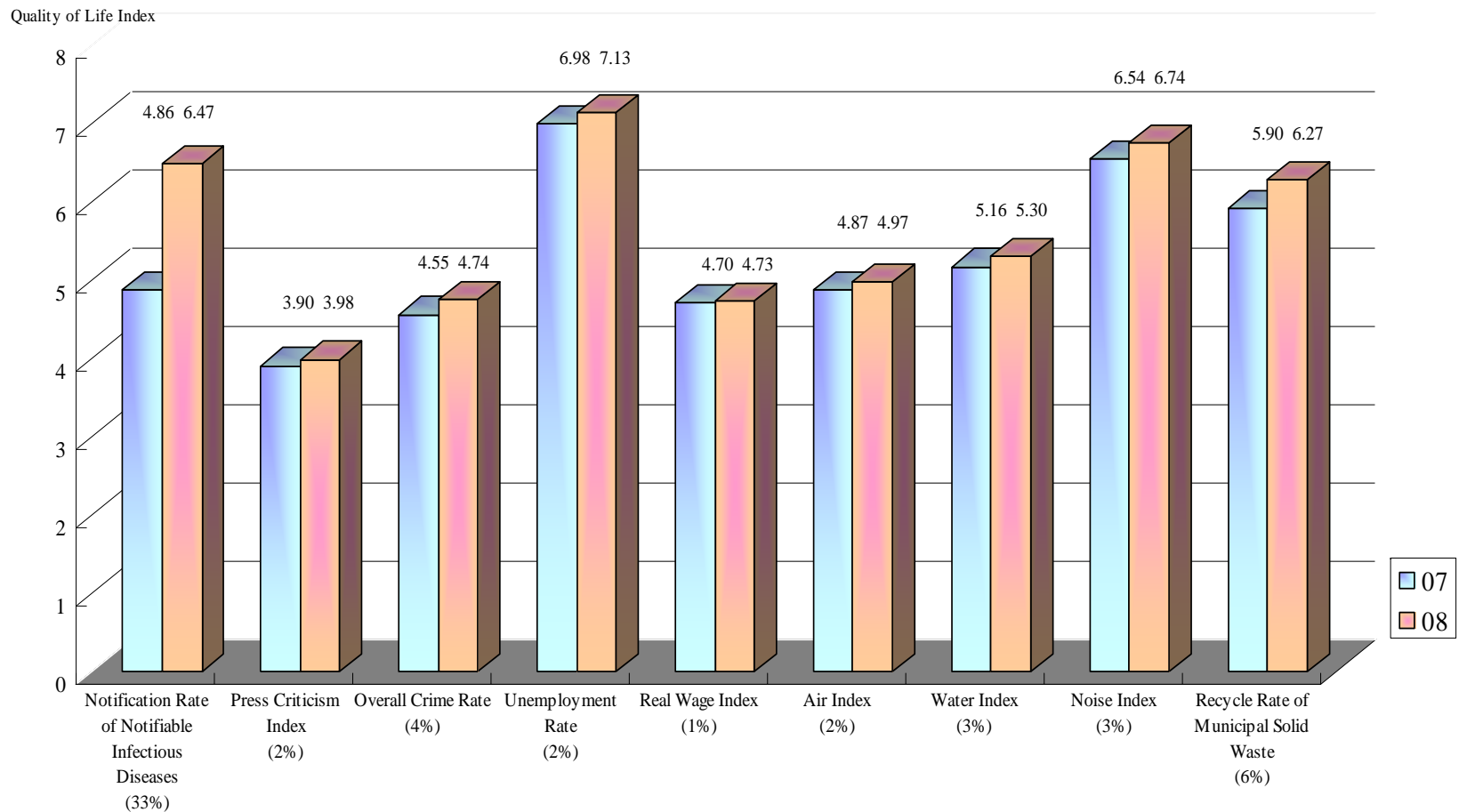
HK Quality of Life Index 生活質素綜合指數



Comparison between 2007 and 2008

Nine (9) indicators improved in 2008 :

2007-2008 Quality of Life Indices
Better Indices

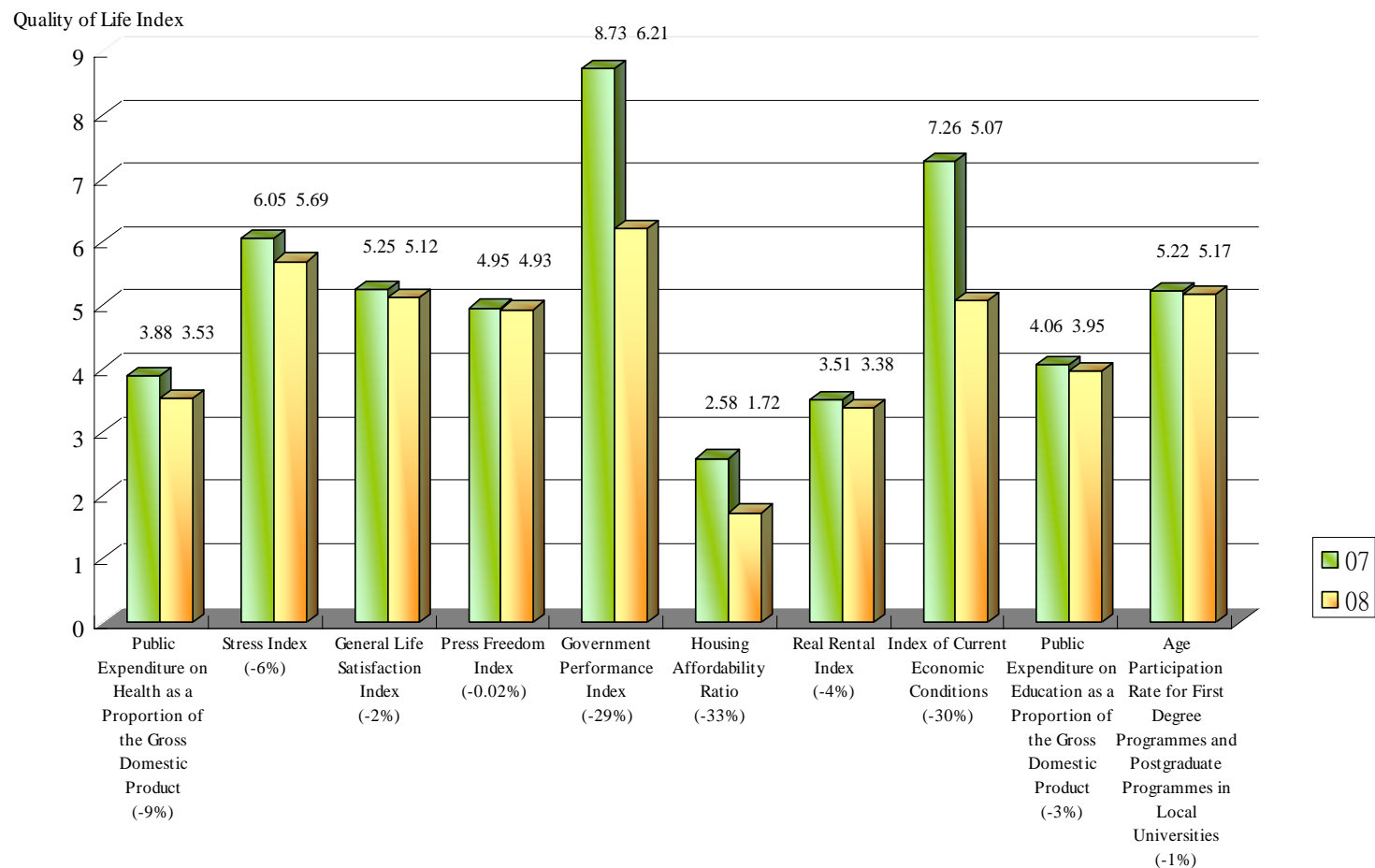


() % increase between 07 and 08

Comparison between 2007 and 2008

Ten (10) indicators worsened in 2008 :

2007-2008 Quality of Life Indices
Worse Indices



() % decrease between 07 and 08

Comparison between 2007 and 2008

Two (2) Index remain unchanged:

- Standardized Mortality Rate
- Life Expectancy at Birth



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A scenic view of the Hong Kong skyline, featuring numerous skyscrapers and a prominent tall building on the right. The foreground shows a body of water with several ferries and boats. The text "Thank You!" is overlaid in a large, bold, pink font across the center of the image.

Thank You!