

Appendix 1: CUHK Hong Kong Quality of Life Index Note 1

	2002 Base year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2014 compared with 2013
Health sub-index												
1. Life expectancy at birth (in year)	4.35	4.36	4.40	4.40	4.40	4.42	4.43	4.45	4.46	4.47	4.48	Better
2. Public expenditure on health as a proportion (in percent) of the GDP	4.35	3.79	3.46	3.62	3.28	3.45	3.28	3.13	3.36	3.58	3.58#	No Change
3. Hospitalization rate (per 1000 population)	4.35	4.71	4.93	5.01	4.90	4.96	4.87	4.98	5.07	5.13	5.19*	Better
4. Stress index	4.35	5.52	5.46	5.53	5.20	5.22	5.41	5.33	5.38	5.36	5.31	Worse
5. General life satisfaction index	4.35	4.78	4.89	4.79	4.68	4.85	4.85	4.74	4.79	4.85	4.79	Worse
Health sub-index	21.74	23.16	23.14	23.35	22.45	22.90	22.84	22.63	23.05	23.39	23.35	Worse
Social sub-index												
6. Freedom of speech index	4.35	4.41	4.42	4.52	4.51	4.50	4.45	4.43	4.38	4.28	3.49	Worse
7. Press criticism index	4.35	3.43	3.36	3.56	3.64	3.44	3.61	3.75	3.86	4.16	4.00	Worse
8. Government performance index	4.35	7.38	7.66	7.98	5.67	6.31	6.03	5.13	5.63	5.22	5.01	Worse
9. Overall crime rate (per 1000 population)	4.35	4.27	4.10	4.16	4.32	4.39	4.51	4.54	4.60	4.78	5.08	Better
10. Public expenditure on education as a proportion (in percent) of the GDP	4.35	4.46	4.13	3.80	3.59	4.78	3.80	3.70	3.80	4.13	3.91#	Worse
11. Age participation rate for first-degree programmes in local universities (in percent)	4.35	4.50	4.73	4.78	4.76	4.76	4.78	4.96	5.17	5.20	5.45	Better
Social sub-index	26.09	28.45	28.39	28.80	26.48	28.18	27.18	26.51	27.44	27.77	26.94	Worse
Culture & Leisure sub-index												
12. Cultural programmes attendance index	4.35	2.96	3.35	2.60	2.62	2.46	2.55	2.42	2.49	2.43	2.38*	Worse
13. Recreation and sport activities participation index	4.35	5.06	5.26	5.54	6.28	6.05	5.76	6.49	5.89	6.49	6.29*	Worse
14. Oversea travel index	4.35	4.72	4.94	5.23	5.28	5.35	5.73	5.95	6.44	7.06	7.51	Better
Culture & Leisure sub-index	13.04	12.74	13.55	13.38	14.18	13.86	14.04	14.86	14.82	15.97	16.18	Better
Economic sub-index												
15. Housing affordability ratio	4.35	2.92	3.23	2.35	1.57	1.09	-0.78	-1.93	-3.19	-4.37	-5.01	Worse
16. Real rental index	4.35	4.09	3.92	3.49	3.03	3.80	2.99	2.63	2.50	2.26	2.33	Better
17. Unemployment rate	4.35	5.41	5.92	6.37	6.52	5.63	6.21	6.69	6.73	6.72	6.78	Better
18. Index of current economic conditions	4.35	6.23	6.22	6.63	4.63	4.74	5.47	5.03	5.10	5.44	5.89	Better
19. Real wage index	4.35	4.29	4.29	4.32	4.35	4.30	4.27	4.38	4.45	4.46	4.36	Worse
Economic sub-index	21.74	22.94	23.58	23.17	20.10	19.56	18.16	16.79	15.59	14.51	14.35	Worse
Environmental sub-index												

20. Air index	4.35	3.39	3.48	3.40	3.70	4.35	4.44	3.97	4.69	4.25	4.65	Better
21. Water index	4.35	4.72	4.72	4.72	4.77	4.91	4.92	4.78	4.99	5.06	4.99	Worse
22. Noise index (per 1000 population)	4.35	5.79	5.70	5.99	6.17	6.28	6.41	6.56	6.45	6.59	6.67*	Better
23. Recycle rate of municipal solid waste	4.35	5.16	5.46	5.46	5.84	5.91	6.22	5.74	4.65	4.39	4.62*	Better
Environmental sub-index	17.39	19.06	19.36	19.57	20.48	21.45	21.99	21.05	20.78	20.28	20.93	Better
Quality of Life index	100.00	106.35	108.02	108.26	103.70	105.95	104.21	101.84	101.68	101.92	101.75	Worse

Note 1. The higher the score, the better the performance of the indicator.

* Forecasted figure

Provisional figure

Appendix 2: Composition of and Data for Compiling the CUHK Hong Kong Quality of Life Index

HEALTH SUB-INDEX

1. Life expectancy at birth (in years) refers to the life expectancy at birth for males and females.
2. Public expenditure on health as a proportion (in percent) of the GDP.
3. Hospitalization rate refers to the number of hospitalized persons per 1000 population.
4. Stress index refers to the stress that the Hong Kong people are facing (base rate = 100).
5. General life satisfaction index refers to the degree of satisfaction of Hong Kong people with their current lives (base rate = 100).

SOCIAL SUB-INDEX

6. Freedom of speech index refers to the degree of press freedom in Hong Kong (base rate = 100).
7. Press criticism index refers to the frequency of criticisms by the press of the Hong Kong Corporation, the Hong Kong SAR Government, and the People's Republic of China Government (base rate = 100).
8. Government performance index refers to the degree of satisfaction of Hong Kong people with the performance of Hong Kong SAR Government (base rate = 100).
9. Overall crime rate (per 1000 population) refers to the total number of violent and non-violent crimes reported per 1000 population.
10. Public expenditure on education as a proportion (in percent) of the GDP.
11. Age participation rate for first-degree programmes in local universities (in percent).

CULTURE & LEISURE SUB-INDEX

12. Attendances of indoor cultural programmes refer to the amount of attendances of indoor cultural programmes organized at the venues of the Leisure and Cultural Services Department.
13. Participation of recreation and sport activities refers to the amount of participants of recreation and sport activities organized by the Leisure and Cultural Services Department.
14. Oversea travel refers to the number of Hong Kong resident departures by the airport.

ECONOMIC SUB-INDEX

15. Housing affordability ratio refers to the annual average of affordable property price (i.e. average property price times 39.9 sq. feet, divided by monthly medium income times 12).
16. Real rental index refers to the real rental index for the Hong Kong property market.
17. Unemployment rate refers to the seasonally adjusted unemployment rate (in percent).
18. Index of current economic conditions refers to the public attitude towards economic conditions in Hong Kong.
19. Real wage index⁽¹⁾ refers to the real wages for employees up to supervisory level (excluding managerial and professional employees) in all selected industry sectors.

ENVIRONMENTAL SUB-INDEX

20. Air index refers to the Annual Air Quality index.
21. Water index refers to the percentage of rivers in Hong Kong categorized as 'good' and 'excellent' by the monitoring station.
22. Noise index (per 1000 population) refers to the number of noise complaints received by the Environmental Protection Department and the Police per 1000 population.
23. Recycle rate of municipal solid waste refers to the recycle rate (in percent) of solid waste from households and from commercial and industrial sources.

Notes:

- ⁽¹⁾ The real wage index is derived by deflating the nominal wage indices by the CPI(A).

Sources:

Stress index, general life satisfaction index, freedom of speech index, government performance index and index of current economic conditions are compiled based on the results of telephone survey conducted by Hong Kong Institute of Asia-Pacific Studies at The Chinese University of Hong Kong. The press criticism index is compiled based on a content analysis of six major local newspapers. Data for all other indices are obtained from the government and related institutions.

Data for Compiling the CUHK Hong Kong Quality of Life Index

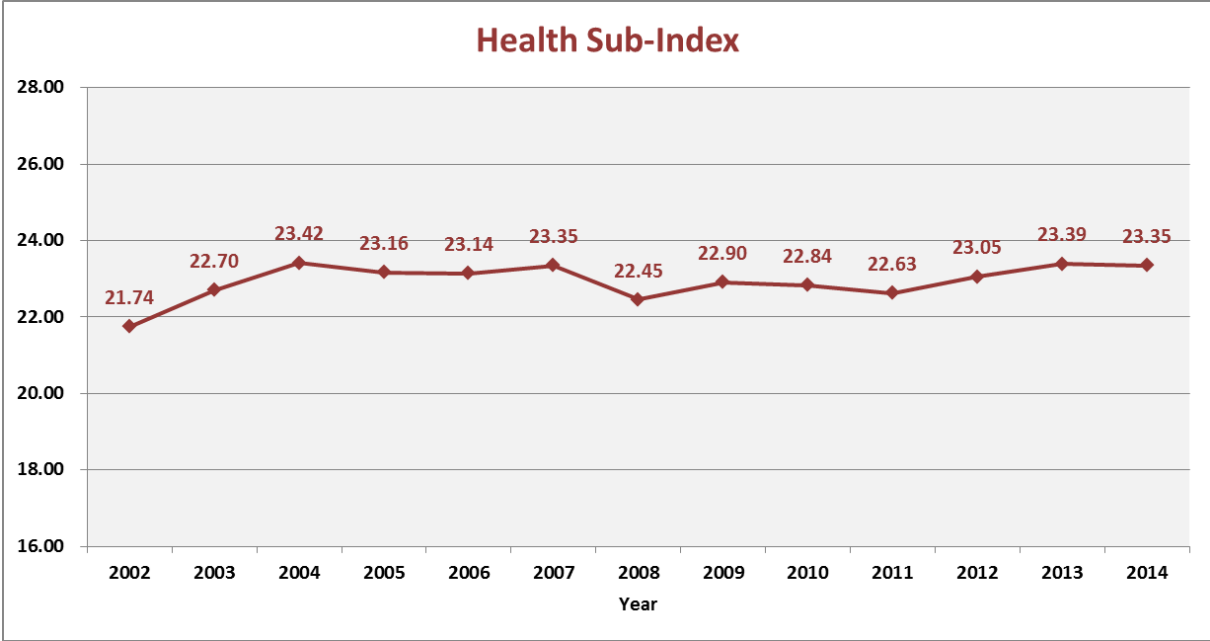
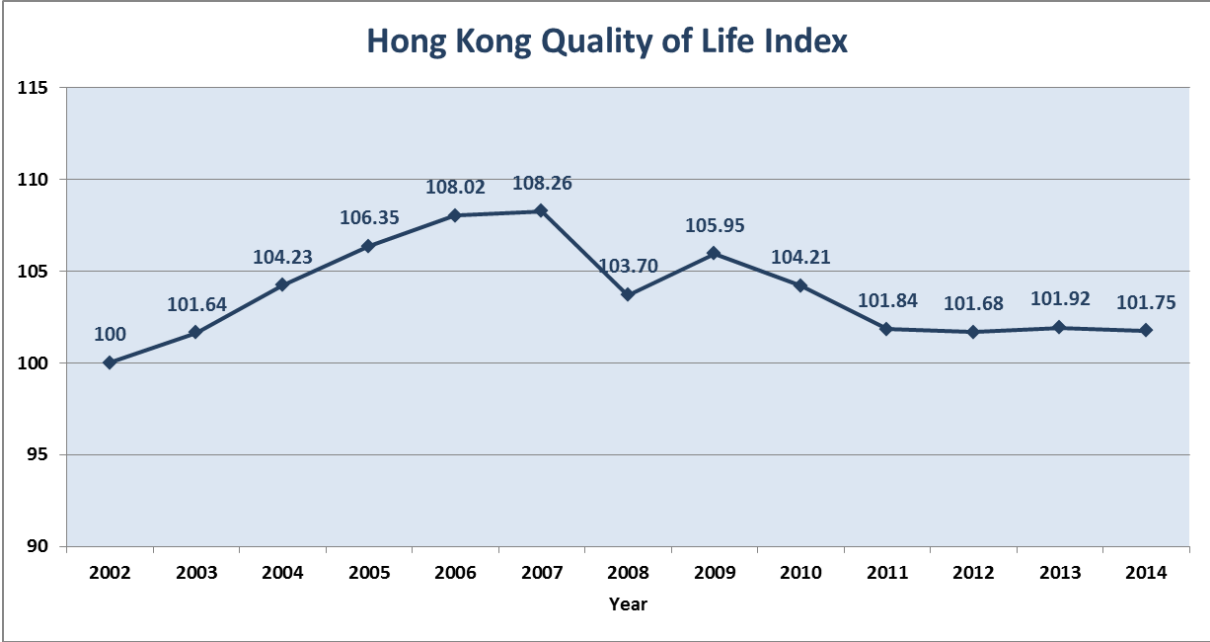
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Health sub-index													
1. Life expectancy at birth (in year)	F:84.5 M:78.5	F: 84.4 M: 78.5	F:84.8 M:79.0	F:84.6 M:78.8	F:85.5 M:79.4	F:85.4 M:79.4	F:85.5 M:79.4	F:85 9 M:79.8	F:86.0 M:80.1	F:86.7 M:80.3	F:86.4 M:80.7	F:86.7 M:81 1	F:86.7# M:81.2#
2. Public expenditure on health as a proportion (in percent) of the GDP	2.64	2.70	2.70	2.30	2.10	2.20	1.99	2.09	1.99	1.90	2.04	2.17	2.17#
3. Hospitalization rate (per 1000 population)	3.18	2.93	2.87	2.91	2.75	2.70	2.77	2.73	2.79	2.72	2.65	2.67*	2.67*
4. Stress index	100.00	88.75	79.51	72.95	74.42	72.91	80.36	80.00	75.53	77.45	76.71	75.51	77.88
5. General life satisfaction index	100.00	100.68	105.62	109.94	112.47	110.22	107.57	111.66	111.46	109.01	110.10	111.57	110.28
Social sub-index													
6. Freedom of speech index	100.00	101.22	100.26	101.43	101.55	103.92	103.64	103.54	102.30	101.95	100.72	98.53	80.23
7. Press criticism index	100.00	103.23	91.02	78.82	77.25	81.86	83.65	79.15	83.10	86.29	88.77	95.62	92.03
8. Government performance index	100.00	103.23	132.23	169.79	176.29	183.48	130.48	145.10	138.62	118.03	129.52	120.03	115.26
9. Overall crime rate (per 1000 population)	11.18	13.13	11.81	11.37	11.83	11.67	11.25	11.08	10.76	10.74	10.61	10.14	9.36
10. Public expenditure on education as a proportion (in percent) of the GDP	4.00	4.30	4.60	4.10	3.80	3.50	3.30	4.40	3.50	3.40	3.5	3.80	3.60#
11. Age participation rate for first-degree programmes in local universities (in percent)	17.00	17.70	17.50	17.60	18.50	18.70	18.60	18.60	18.70	19.40	20.20	20.35	21.30
Culture & Leisure sub-index													
12. Cultural programmes attendance (per 1000 population)	253.28	194.36	181.72	172.19	195.03	151.73	152.80	143.03	148.40	140.74	144.79	141.28	138.83
13. Recreation and sport activities participation (per 1000 population)	303.13	346.94	337.42	352.82	366.78	386.59	437.90	421.92	401.51	452.74	410.91	452.48	438.30
14. Oversea travel times	0.74	0.67	0.79	0.80	0.84	0.89	0.89	0.91	0.97	1.01	1.09	1.20	1.27
Economic sub-index													
15. Housing affordability ratio	4.68	4.49	5.31	6.22	5.88	6.83	7.68	8.19	10.20	11.44	12.79	14.06	14.75
16. Real rental index	87.97	79.67	84.55	93.16	96.68	105.27	114.54	98.99	115.38	122.68	125.33	130.28	128.80
17. Unemployment rate	7.34	7.93	6.76	5.55	4.69	3.92	3.68	5.17	4.20	3.39	3.31	3.33	3 24
18. Index of current economic conditions	76.55	81.32	99.95	109.75	109.48	116.70	81.55	83.40	96.22	88.50	89.72	95.74	103.65
19. Real wage index	117.68	117.70	116.38	116.15	116.08	116.90	117.75	116.25	115.58	118.65	120.58	120.83	117.88
Environmental sub-index													
20. Air index	2.22	2.60	3.00	2.71	2.67	2.71	2.55	2.22	2.18	2.42	2.05	2.27	2.07
21. Water index	74.40	75.6	76.9	80.80	80.80	80.70	81.70	84.10	84.20	81.8	85.4	86.6	85.4

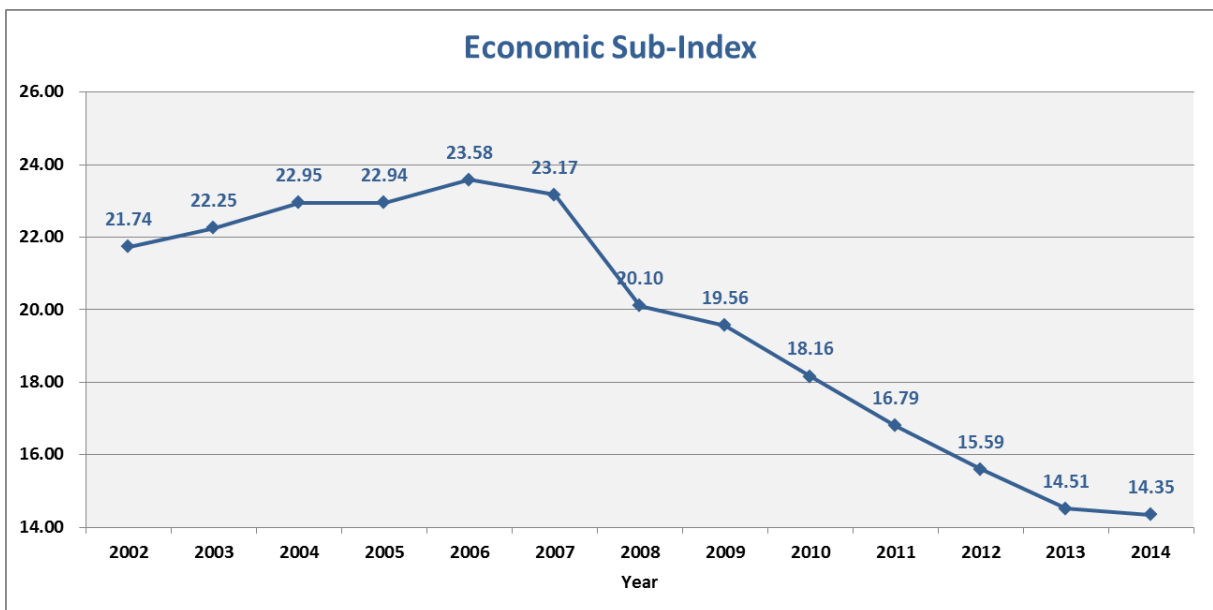
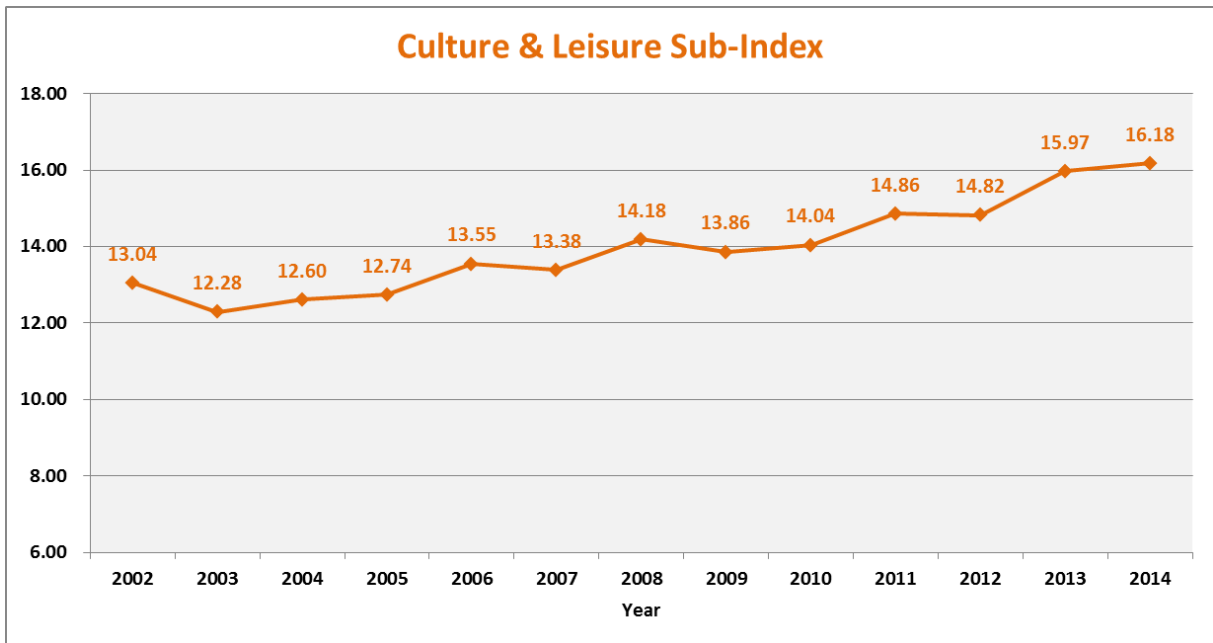
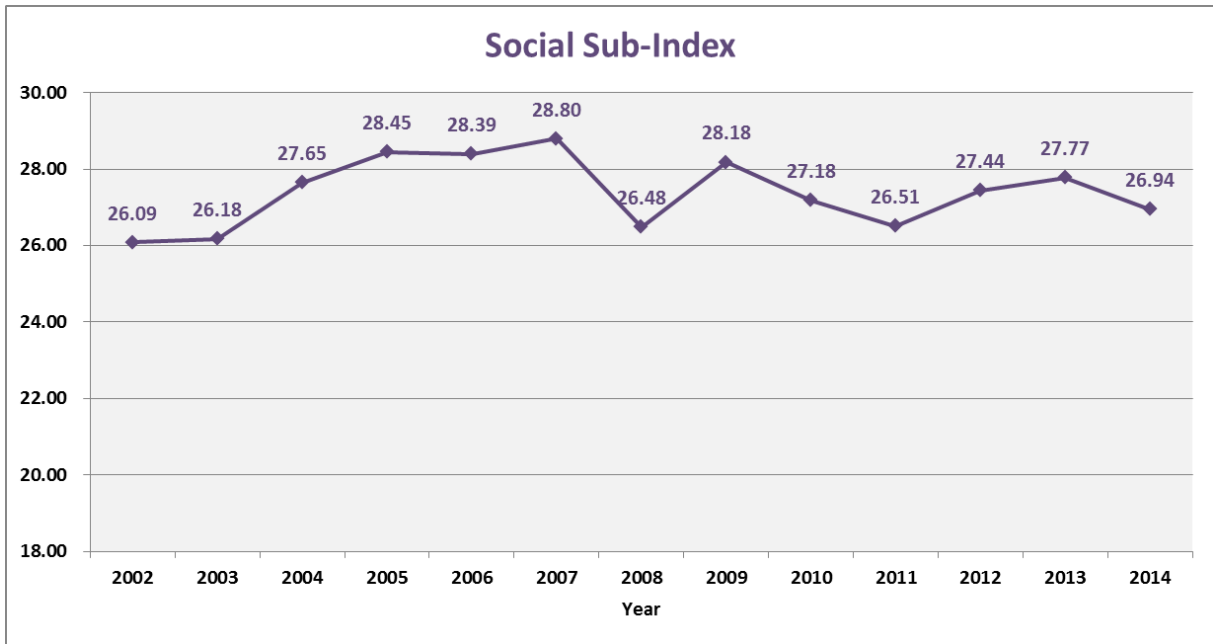
22. Noise index (per 1000 population)	1.85	1.44	1.39	1.27	1.28	1.15	1.08	1.03	0.97	0.91	0.96	0.90	0.86*
23. Recycle rate of municipal solid waste	36.30	40.82	40.35	43.09	45.59	45.62	48.76	49.30	51.95	47.92	38.85	36.61	38.60*

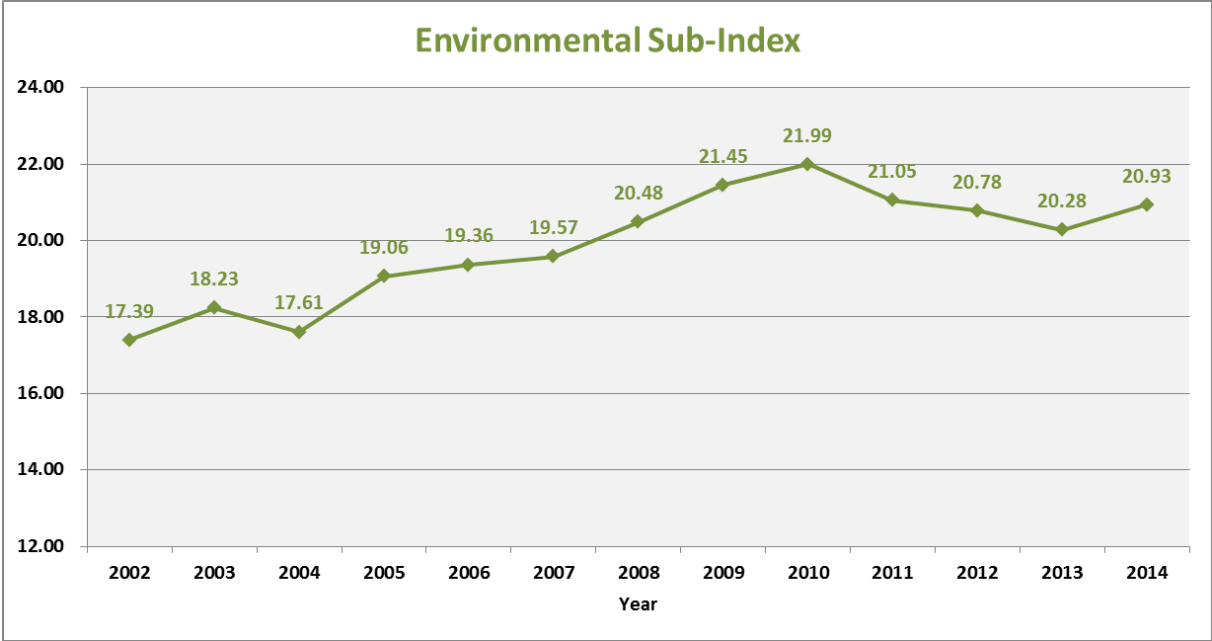
* Forecasted figure
Provisional figure

Appendix 3.1: Line Charts of CUHK Hong Kong Quality of Life Index and Sub-indices

The higher the rate, the better performance for the indicator

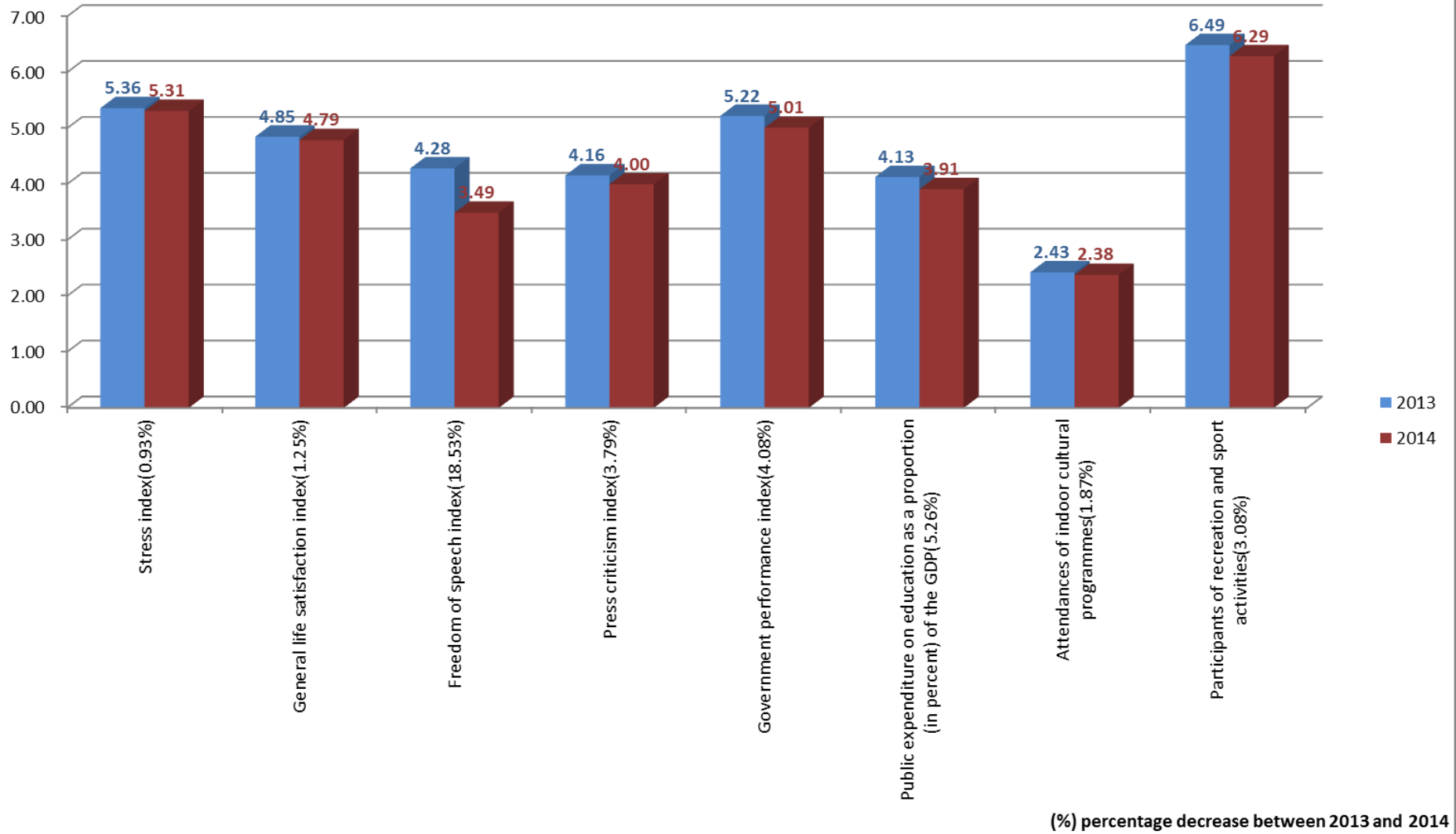






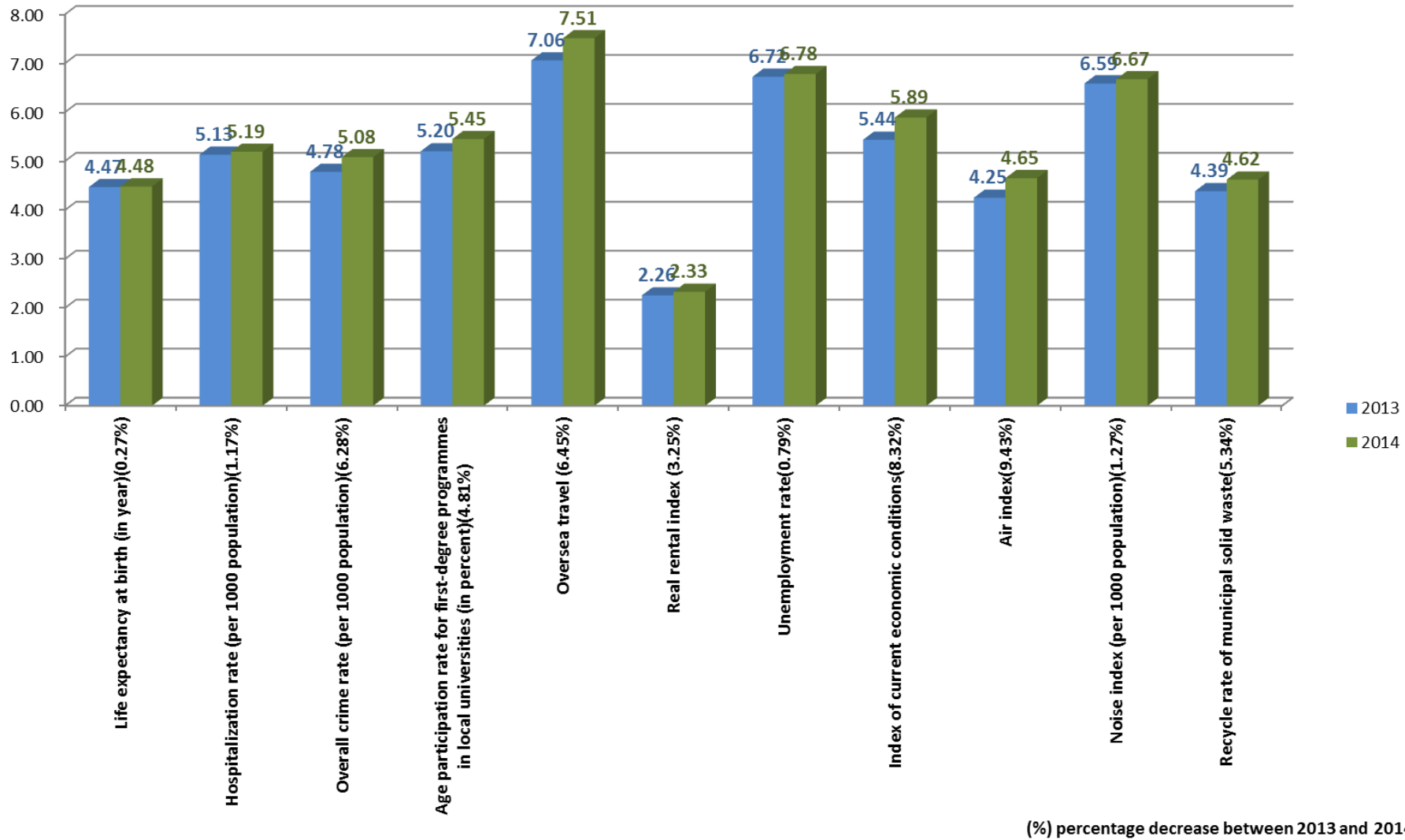
Appendix 4

2013-2014 Quality of Life Indices - Worse Indices



Appendix 5

2013-2014 Quality of Life Indices - Better Indices



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