FOCUS ON CHINA SERIES



Competitiveness of Chinese Cities

(2005)

Chief Editor Ni Pengfei
Deputy Chief Editors Hou Qinghu
Jiang Mingqing and Wang Chengqing

FOREIGN LANGUAGES PRESS

需要全本请访问 www.ertongbook.com

149487



Competitiveness of Chinese Cities (2005)

Chief Editor:
Ni Pengfei
Deputy Chief Editors:
Hou Qinghu, Jiang Mingqing and Wang Chengqing



Foreign Languages Press

First Edition 2006

Home Page:
http://www.flp.com.cn
E-mail Addresses:
info@flp.com.cn
sales@flp.com.cn

ISBN 7-119-04083-9

Foreign Languages Press, Beijing, 2006

Published by Foreign Languages Press
24 Baiwanzhuang Road, Beijing 100037, China

Distributed by China International Book Trading Corporation
35 Chegongzhuang Xilu, Beijing 100044, China
P.O. Box 399, Beijing, China

Printed in the People's Republic of China

图书在版编目（CIP）数据

中国城市的国际竞争力/倪鹏飞主编.
-北京：外文出版社，2005
ISBN 7-119-04083-9
I.中… II. 倪… Ⅲ. 城市经济-概况-中国-英文
IV.F299.27
中国版本图书馆 CIP 数据核字（2005）第 054970 号

英文审定 贺 军 中文编辑 杨春燕
英文翻译 王 琴 韩清月 李 洋 严 晶 等
封面设计 蔡 荣 印刷监制 冯 浩

中国城市的国际竞争力

倪鹏飞 主编

*

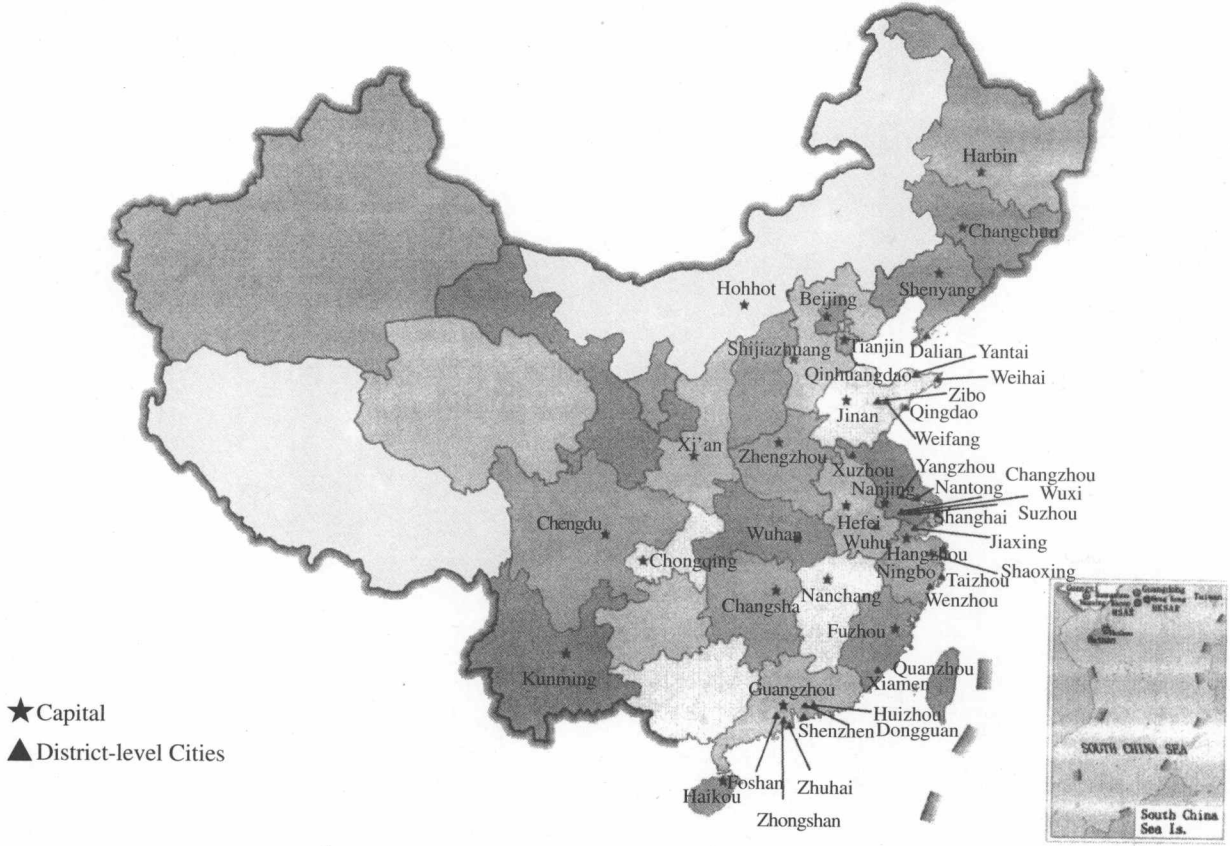
©外文出版社
外文出版社出版
（中国北京百万庄大街 24 号）
邮政编码 100037
外文出版社网址 http://www.flp.com.cn
外文出版社电子信箱: info@flp.com.cn
sales@flp.com.cn

北京蓝空印刷厂印刷
中国国际图书贸易总公司发行
（中国北京车公庄西路 35 号）
北京邮政信箱第 399 号 邮政编码 100044

2006 年（小 16 开）第 1 版
2006 年 1 月第 1 版第 1 次印刷
（英）
ISBN 7-119-04083-9
07800（平）
4-E-3664 P

需要全本请访问 www.ertongbook.com

Map of the Top 50 Cities in China in 2005 — Competitiveness Ranking



Consultants: Pei Changhong, Jiang Xiaojuan, Wang Yuan and Li Yang
Chief Editor: Ni Pengfei
Deputy Chief Editors: Hou Qinghu, Jiang Mingqing and Wang Chengqing
Assistant Chief Editors: Wei Shouhua and Kuang Weida

Secretaries: Zhao Zheng, Che Feng, Zhang Tian and Bai Yushi
Main Contributors:
Chen Duochang (Zhejiang University of Technology), Jiang Mingqing (Beijing Normal University), Guo Jurong (Shanghai Jiaotong University), Xu Feng (Shandong University), Liu Gaojun (Tsinghua University), Wang Chengqing (Chinese Academy of Social Sciences), Kuang Weida (Chinese Academy of Social Sciences), Wei Shouhua (Tsinghua University), Zhao Zheng (Capital University of Economics and Business), Che Feng (Capital University of Economics and Business), Zhang Tian (Graduate School, Chinese Academy of Social Sciences), Bai Yushi (Peking University), Liu Yanping (Renmin University of China), Chen Xuemei (Jinan University), Shen Jianfa (Chinese University of Hong Kong), Sun Chengping (Chinese Academy of Social Sciences), Luo Shougui (Shanghai Jiaotong University), Lin Yueqin (Chinese Academy of Social Sciences), Wang Zhiqiang (Geography Institute, Chinese Academy of Sciences), Hou Qinghu (Nankai University) and Ni Pengfei (Chinese Academy of Social Sciences)

Guest Contributors:
Lin Jun (Taizhou Vocational and Technical College), Liu Shuguang (China University of Oceanography), Wang Kai (Jilin University), Liu Jie (MBA Center, Southwestern University of Finance and Economics), Qin Baohua (Yanshan University), Yang Qi (Dongguan Radio Station), Gu Jibao (MBA Center, University of Science and Technology of China), Zhou Hong (Department of Industry and Commerce, Inner Mongolia Finance and Economics College), Cheng Xiaojun (Department of Political Science and Law, Huizhou University), Liu Xinyi (School of Humanities and Social Sciences, Huaqiao University), Wu Guoying (School of Economics, Hebei University of Economics and Business), Zhou Haile (Suzhou University), Liu Faqin (Weifang University), Lin Yangfan and Chen Tiling (School of Economics, Wenzhou University), Yu Ping (College of Business Administration, Wuhan University of Technology), Cao

Dayong (MBA Center, Northwest University), Zhang Zhihua (City College, Xuzhou Normal University), Pu Qijun (Institute of Sociology, Chongqing Academy of Social Sciences), Xu Meng (School of Real Estate, Beijing Normal University, Zhuhai Campus), Huang Jian (Nantong Normal College), Tian Zhongwen (MBA Center, Liaoning University), Wu Zhaoguang (Fujian Academy of Social Sciences), Yuan Jingye (Department of Technology and Business Administration, Guangxi University), Yang Min (Jiaxing Xiaotong Electronic Technology Co., Ltd), Gao Houli (College of Management, Shandong University of Technology), Xu Zhengyuan (Wuhu City Party School), Zhu Xinmin (College of Business Administration, Sichuan University), Zou Yongjun (Jiangxi University of Finance and Economics), Lu Yuanru (Department of Economics, Hunan Business College), Tao Yitao (College of Economics, Shenzhen University), Liu Wei (MBA Center, Zhengzhou University), Cheng Xiaoping (Changzhou Institute of Technology), Kuang Chixiang (Zhongshan College), Zhao Quanpeng (College of Tourism, Hainan University), Zhuo Yue and Huang Dongyi (College of Public Affairs, Xiamen University), Song Le (MBA Management Center, Yunnan University), Fu Jiangjing (College of Business Administration, Foshan University), Zhan Zhenghua (Jiangnan University), Guo Jurong (Exhibition Research Center, Shanghai Jiaotong University), Yu Lisen (Ningbo Education Research Institute), Li Shengxiao and Lou Yuhua (College of Business Administration, Shaoxing University), Zhang Guoyu (School of Continuing Education, Tsinghua University), Chen Liuqin (Tianjin Academy of Social Sciences), Sun Lin (MBA Center, South China University of Technology), Sha Zhifang (Yangzhou Development Planning Commission), Wang Chen (Nanjing University of Aeronautics and Astronautics), Zhou Peng (College of Economics, Dongbei University of Finance and Economics), Zhang Yunqi (Shandong Institute of Business and Technology, originally named China Coal Industry Economy College) and Zhao Shulan (Heilongjiang Social Investigation Office)

Foreword

The year 2004 saw China, under the new development guideline, make positive efforts for overall, coordinated and sustainable development of cities. At the same time, overall competitiveness of Chinese cities improved at an unprecedented pace in the new century, with many cities making record progress in many economic sectors.

The *Competitiveness of Chinese Cities (2005)*, under the auspices of Dr. Ni Pengfei of the Institute of Finance, Trade and Economics of the Chinese Academy of Social Sciences, and with the participation of nearly 100 experts from a dozen prestigious universities, including Nankai University, Peking University, Tsinghua University, Renmin University of China and Zhejiang University, local universities and colleges, authoritative statistics departments, and enterprise R&D institutes, was completed in just over six months on the basis of theory, investigation, calculation and case study. Dr. Ni Pengfei worked out the fundamental theories, index system, research framework and main conclusions of the report. Deputy chief editor Dr. Hou Qinghu of the Combinatorial Mathematics Research Center of Nankai University was responsible for the calculations and providing computer assistance. Deputy chief editor Dr. Jiang Mingqing, a statistics expert, was responsible for standardizing data and providing statistical support. Deputy chief editor Dr. Wang Chengqing of the Institute of Finance and Trade of the Chinese Academy of Social Sciences and an expert on urban real estate was responsible for tracking international information about urban competitiveness. Assistant chief editors Wei Shouhua and Kuang Weida, after refining theories, collecting data, making calculations and reaching basic conclusions, did the overall compilation work. Wang Zhiqiang, Zhao Zheng, Che Feng, Zhang Tian and Bai Yushi did much of the spadework, and Che Feng assisted in revising and sorting out all the manuscripts in the final stage.

The research and compilation work for the *Competitiveness of Chinese Cities (2005)* received sincere and disinterested support from many institutes and persons. We would like to extend our special gratitude to the Ministry of Science and Technology (MOST), which provided a much-welcomed subsidy. We should also express our gratitude to Director Wang Yuan of the China Science and Technology Improvement Center of MOST,

who showed sincere concern for the work and gave warm-hearted recommendations, and Director-general Wang Xiaofang of the Department of Rural and Social Development of MOST, Director Jin Yimin and Director Wu Yuanbin of the Rural Science and Technology R&D Center and Dr. Lu Bingyou, who were instrumental in securing the subsidy. They rendered noble and selfless aid for the project research, in giving advice and assistance to young people, and in ensuring the accuracy of the work.

With the wholehearted support of the Chinese Academy of Social Sciences and the staff of its Institute of Finance, Trade and Economics, our research into urban competitiveness made deep-going progress. Jiang Xiaojuan, ex-director of the Institute and now deputy-director of the Research Office of the State Council, and Li Yang, head of the Institute of Finance, offered sincere and selfless guidance and support as consultants. And to push forward the research work, directors Pei Changhong, He Dexu and Gao Peiyong gave us unexpected aid in many aspects, including the recruitment of research fellows and organizational assistance. Professor Chen Yongchuan, director of the Nankai Combinatorial Mathematics Research Center and vice-president of Nankai University, offered technical, personnel and lab aid in an enthusiastic manner, for which we hereby express our gratitude. Thanks also go to Director Huang Langhui of the Urban Survey Organization of the State Statistics Bureau for his sincere support.

The investigation and study involved 50 cities, and the investigators and interviewees manifested a trustworthy, impartial and selfless spirit. To guarantee a good-quality and timely investigation, investigators in these cities spent a lot of time, energy and money. We express our heart-felt gratitude to all the people who participated in and gave aid to the project.

Finally, we would like to thank Foreign Languages Press, which published the English edition of this book, giving a wider scope to our achievements in the field of the study of competitiveness of Chinese cities, and further promoting the progress of China's cities. At the same time, we wish to express our admiration, respect and gratitude to all institutes and people who gave support to and showed concern for this project.

Ni Pengfei
2005

Contents

Chapter 1

2005 Comprehensive Urban Competitiveness Ranking 1

Chapter 2

Urban Competitiveness: Framework and Model 15

Chapter 3

Competitiveness Ranking of the Top 50 Cities in China 25

1 Shanghai 26
2 Shenzhen 29
3 Guangzhou 33
4 Beijing 37
5 Hangzhou 40
6 Ningbo 44
7 Suzhou 47
8 Wuxi 51
9 Xiamen 54
10 Tianjin 58
11 Foshan 61
12 Qingdao 64
13 Changchun 68
14 Dalian 72
15 Zhongshan 75
16 Nanjing 79
17 Huizhou 82
18 Jinan 86
19 Wenzhou 89
20 Zhuhai 92
21 Dongguan 96
22 Changzhou 100
23 Shenyang 103
24 Wuhan 107
25 Changsha 110

26 Yantai 114
27 Weihai 117
28 Chengdu 121
29 Shaoxing 124
30 Nanchang 128
31 Shijiazhuang 131
32 Fuzhou 135
33 Hohhot 138
34 Chongqing 142
35 Xi'an 145
36 Hefei 149
37 Harbin 152
38 Taizhou 156
39 Zibo 159
40 Quanzhou 163
41 Xuzhou 166
42 Kunming 170
43 Yangzhou 173
44 Jiaxing 177
45 Wuhu 180
46 Haikou 184
47 Weifang 187
48 Nantong 191
49 Qinhuangdao 194
50 Zhengzhou 198

Chapter 4

Index Ranking of the Top 50 Cities' Urban Competitiveness in China 203

Appendix

Competitiveness of Chinese Cities: Explanation of the Index and Evaluation Method 237

需要全本请访问 www.ertongbook.com

Chapter 1

2005 Comprehensive Urban Competitiveness Ranking

Table1-1 Comprehensive Urban Competitiveness Ranking of 200 Cities in Mainland China

City	Comprehensive Competitiveness	Rank	Comprehensive Market Occupation	Rank	Comprehensive GDP Growth	Rank
Shanghai	0.837	1	1	1	0.739	5
Shenzhen	0.738	2	0.393	3	1	1
Guangzhou	0.539	3	0.405	2	0.806	2
Beijing	0.532	4	0.316	4	0.584	19
Hangzhou	0.518	5	0.271	6	0.7	7
Ningbo	0.508	6	0.243	9	0.661	9
Suzhou	0.456	7	0.259	7	0.655	10
Wuxi	0.443	8	0.199	10	0.683	8
Xiamen	0.438	9	0.116	19	0.613	16
Tianjin	0.427	10	0.302	5	0.646	13
Foshan	0.407	11	0.12	17	0.62	15
Qingdao	0.4	12	0.126	16	0.626	14
Changchun	0.392	13	0.151	13	0.559	20
Dalian	0.386	14	0.085	31	0.655	11
Zhongshan	0.385	15	0.053	46	0.593	18
Nanjing	0.38	16	0.183	11	0.529	24
Huizhou	0.371	17	0.036	74	0.794	4
Jinan	0.371	18	0.101	23	0.462	35
Wenzhou	0.366	19	0.093	25	0.503	30
Zhuhai	0.363	20	0.047	54	0.485	32
Dongguan	0.362	21	0.103	22	0.801	3
Changzhou	0.361	22	0.087	30	0.504	29
Shenyang	0.357	23	0.059	40	0.653	12
Wuhan	0.35	24	0.137	15	0.515	26
Changsha	0.345	25	0.079	34	0.481	34
Yantai	0.338	26	0.143	14	0.611	17
Weihai	0.331	27	0.084	32	0.493	31
Chengdu	0.324	28	0.095	24	0.556	21
Shaoxing	0.313	29	0.162	12	0.521	25
Nanchang	0.309	30	0.044	55	0.542	22

Comprehensive Employment Growth	Rank	Comprehensive Environment and Resources Cost	Rank	Comprehensive Productivity	Rank	Comprehensive Income Level	Rank
0.96	2	0.509	49	1	1	0.71	2
0.529	5	0.473	69	0.793	2	1	1
0.047	196	0.588	23	0.576	5	0.594	3
1	1	0.635	13	0.423	21	0.522	4
0.582	3	0.654	10	0.533	8	0.466	7
0.496	6	0.496	57	0.669	3	0.47	6
0.371	11	0.534	40	0.546	7	0.367	13
0.354	13	0.603	19	0.523	10	0.33	19
0.236	17	0.576	30	0.606	4	0.448	8
0.398	10	0.537	38	0.422	22	0.295	24
0.403	9	0.446	80	0.498	15	0.374	12
0.204	24	0.584	25	0.511	11	0.342	17
0.098	142	1	1	0.509	12	0.191	57
0.245	16	0.497	56	0.508	13	0.311	22
0.118	86	0.611	18	0.554	6	0.362	14
0.531	4	0.498	54	0.317	38	0.359	15
0.174	32	0.469	72	0.424	20	0.282	25
0.206	23	0.778	2	0.47	18	0.329	20
0.462	7	0.488	61	0.354	30	0.403	10
0.085	174	0.529	42	0.483	16	0.495	5
0.001	199	0.341	134	0.305	44	0.43	9
0.358	12	0.501	52	0.505	14	0.281	27
0.102	132	0.641	11	0.478	17	0.224	44
0.134	57	0.625	17	0.529	9	0.189	59
0.264	15	0.659	8	0.37	29	0.333	18
0.084	175	0.717	5	0.315	40	0.22	45
0.105	119	0.659	9	0.414	23	0.282	26
0.115	93	0.77	3	0.29	49	0.239	42
0.156	36	0.392	108	0.267	52	0.342	16
0.144	48	0.628	15	0.374	26	0.199	55

City	Comprehensive Competitiveness	Rank	Comprehensive Market Occupation	Rank	Comprehensive GDP Growth	Rank
Shijiazhuang	0.305	31	0.114	20	0.415	40
Fuzhou	0.303	32	0.072	36	0.208	110
Hohhot	0.298	33	0.028	89	0.708	6
Chongqing	0.297	34	0.244	8	0.531	23
Xi'an	0.29	35	0.05	50	0.45	37
Hefei	0.289	36	0.057	42	0.51	27
Harbin	0.287	37	0.054	45	0.509	28
Taizhou	0.287	38	0.07	37	0.397	45
Zibo	0.28	39	0.105	21	0.443	38
Quanzhou	0.279	40	0.089	28	0.337	62
Xuzhou	0.274	41	0.061	39	0.404	43
Kunming	0.27	42	0.091	26	0.275	86
Yangzhou	0.267	43	0.05	49	0.38	50
Jiaxing	0.255	44	0.087	29	0.351	55
Wuhu	0.254	45	0.037	73	0.483	33
Haikou	0.246	46	0.019	114	0.369	52
Weifang	0.246	47	0.09	27	0.453	36
Nantong	0.243	48	0.068	38	0.298	74
Qinhuangdao	0.242	49	0.026	94	0.402	44
Zhengzhou	0.242	50	0.082	33	0.357	54
Huzhou	0.241	51	0.049	52	0.335	63
Urumqi	0.241	52	0.03	87	0.292	77
Jiangmen	0.236	53	0.039	67	0.275	84
Zhenjiang	0.235	54	0.049	53	0.304	71
Nanning	0.228	55	0.02	107	0.278	81
Anshan	0.22	56	0.051	48	0.39	47
Taizhou	0.219	57	0.051	47	0.226	104
Tangshan	0.216	58	0.118	18	0.394	46
Jining	0.214	59	0.078	35	0.376	51
Putian	0.213	60	0.017	126	0.259	92
Jinhua	0.212	61	0.055	43	0.28	80
Ma'anshan	0.212	62	0.041	64	0.343	59
Taiyuan	0.21	63	0.043	58	0.419	39
Linyi	0.207	64	0.043	56	0.408	42

Comprehensive Employment Growth	Rank	Comprehensive Environment and Resources Cost	Rank	Comprehensive Productivity	Rank	Comprehensive Income Level	Rank
0.232	19	0.559	33	0.395	24	0.205	50
0.181	28	0.678	6	0.431	19	0.375	11
0.148	44	0.406	99	0.259	59	0.217	46
0.135	54	0.542	37	0.205	82	0.165	73
0.415	8	0.526	43	0.298	45	0.182	65
0.117	89	0.629	14	0.262	55	0.241	41
0.001	200	0.628	16	0.307	43	0.251	39
0.133	58	0.551	35	0.295	46	0.328	21
0.125	73	0.455	78	0.389	25	0.172	70
0.144	47	0.556	34	0.343	34	0.278	28
0.236	18	0.577	29	0.331	36	0.166	72
0.132	59	0.573	31	0.352	31	0.277	29
0.117	88	0.578	28	0.371	27	0.189	60
0.124	75	0.535	39	0.236	63	0.272	31
0.125	72	0.525	44	0.249	62	0.177	68
0.151	41	0.759	4	0.216	75	0.171	71
0.088	171	0.533	41	0.214	77	0.161	78
0.13	62	0.492	58	0.265	53	0.274	30
0.223	21	0.325	140	0.325	37	0.183	64
0.073	188	0.421	91	0.255	61	0.268	33
0.104	124	0.51	48	0.261	56	0.255	36
0.284	14	0.412	96	0.23	67	0.305	23
0.229	20	0.482	65	0.346	33	0.163	74
0.132	60	0.461	73	0.309	42	0.216	47
0.202	25	0.492	59	0.226	70	0.266	34
0.115	92	0.159	189	0.349	32	0.172	69
0.093	161	0.58	26	0.282	51	0.197	56
0.103	127	0.237	174	0.26	58	0.136	96
0.111	101	0.391	110	0.183	99	0.183	63
0.104	122	0.592	21	0.316	39	0.124	108
0.127	70	0.511	47	0.152	124	0.256	35
0.078	182	0.261	159	0.263	54	0.245	40
0.094	155	0.279	154	0.204	85	0.2	52
0.077	186	0.487	62	0.161	113	0.14	92

City	Comprehensive Competitiveness	Rank	Comprehensive Market Occupation	Rank	Comprehensive GDP Growth	Rank
Zhanjiang	0.206	65	0.049	51	0.314	68
Mianyang	0.206	66	0.018	119	0.39	48
Liuzhou	0.204	67	0.042	60	0.347	56
Zhoushan	0.2	68	0.009	164	0.244	97
Lianyungang	0.196	69	0.017	122	0.309	70
Rizhao	0.193	70	0.012	142	0.329	64
Zhangzhou	0.189	71	0.029	88	0.204	114
Langfang	0.187	72	0.02	111	0.245	96
Luoyang	0.186	73	0.038	68	0.302	73
Longyan	0.185	74	0.033	83	0.156	143
Yancheng	0.185	75	0.043	57	0.284	79
Tai'an	0.182	76	0.036	75	0.275	85
Puyang	0.182	77	0.021	106	0.172	132
Dezhou	0.182	78	0.055	44	0.215	108
Huai'an	0.182	79	0.037	72	0.296	76
Laiwu	0.181	80	0.019	115	0.324	65
Lishui	0.181	81	0.014	136	0.144	154
Anyang	0.179	82	0.034	80	0.346	57
Lanzhou	0.179	83	0.033	82	0.249	94
Shaoguan	0.178	84	0.035	76	0.275	83
Guiyang	0.178	85	0.04	65	0.337	61
Jiujiang	0.177	86	0.01	161	0.264	89
Jilin	0.177	87	0.035	78	0.384	49
Maoming	0.177	88	0.025	96	0.165	137
Beihai	0.172	89	0.007	177	0.23	103
Yueyang	0.17	90	0.018	118	0.153	146
Zhuzhou	0.168	91	0.02	110	0.198	119
Guilin	0.167	92	0.014	133	0.133	161
Cangzhou	0.167	93	0.023	99	0.147	150
Binzhou	0.167	94	0.04	66	0.248	95
Sanming	0.167	95	0.022	100	0.101	185
Xinxiang	0.166	96	0.017	127	0.297	75
Huludao	0.164	97	0.012	141	0.273	87
Quzhou	0.162	98	0.014	131	0.24	99

需要全本请访问 www.ertongbook.com