



# Report on Sustainable Competitiveness of Cities Worldwide

(2012-2013)

■ Ni Pengfei, Marco Kamiya, Guo Jing, Xu Haidong, Zhang Yi, etc



中国社会科学院财经战略研究院  
National Academy of Economic Strategy, CASS

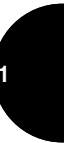
UN HABITAT  
FOR A BETTER URBAN FUTURE

---

# Table of contents

<b>Introduction</b>	<b>4</b>
<b>1.Global comparison: cities in developed countries of Europe and North America have significant advantages in global sustainable competitiveness</b>	<b>5</b>
<b>2.Regional comparison: Rankings of cities in the Northern Hemisphere remain relatively stable, while those of cities in the Southern Hemisphere change greatly</b>	<b>7</b>
<b>3.International comparison: cities in developing countries are moving down the list</b>	<b>8</b>
<b>4.Conclusions</b>	<b>9</b>
<b>Appendix</b>	<b>10</b>

---



## Introduction of GUCR

The Global Urban Competitiveness Report (GUCR) is a cooperative research conducted by the Chinese Academy of Social Sciences (CASS) and UN-Habitat focusing on sustainable urban competitiveness, urban land and urban finance. Led by Prof. Ni Pengfei and Mr. Marco Kamiya, the project is participated by experts from CASS, UN-Habitat and well-known scholars in relevant fields. Through theoretical research and empirical investigation, the report establishes an indicator system to measure the economic competitiveness and sustainable competitiveness of more

than 1,000 cities in the world. Meanwhile, it selects important issues of global urban development as the themes for in-depth studies, aiming to promote the implementation of the UN 2030 agenda through the assessment of urban competitiveness. Currently, five annual reports have been published successively, among which GUCR (2018-2019) was launched at the UN headquarters in New York City during the 74th session of the UN General Assembly, and the GUCR (2019-2020) was released in Abu Dhabi during the 10th World Urban Forum.

## About the Authors

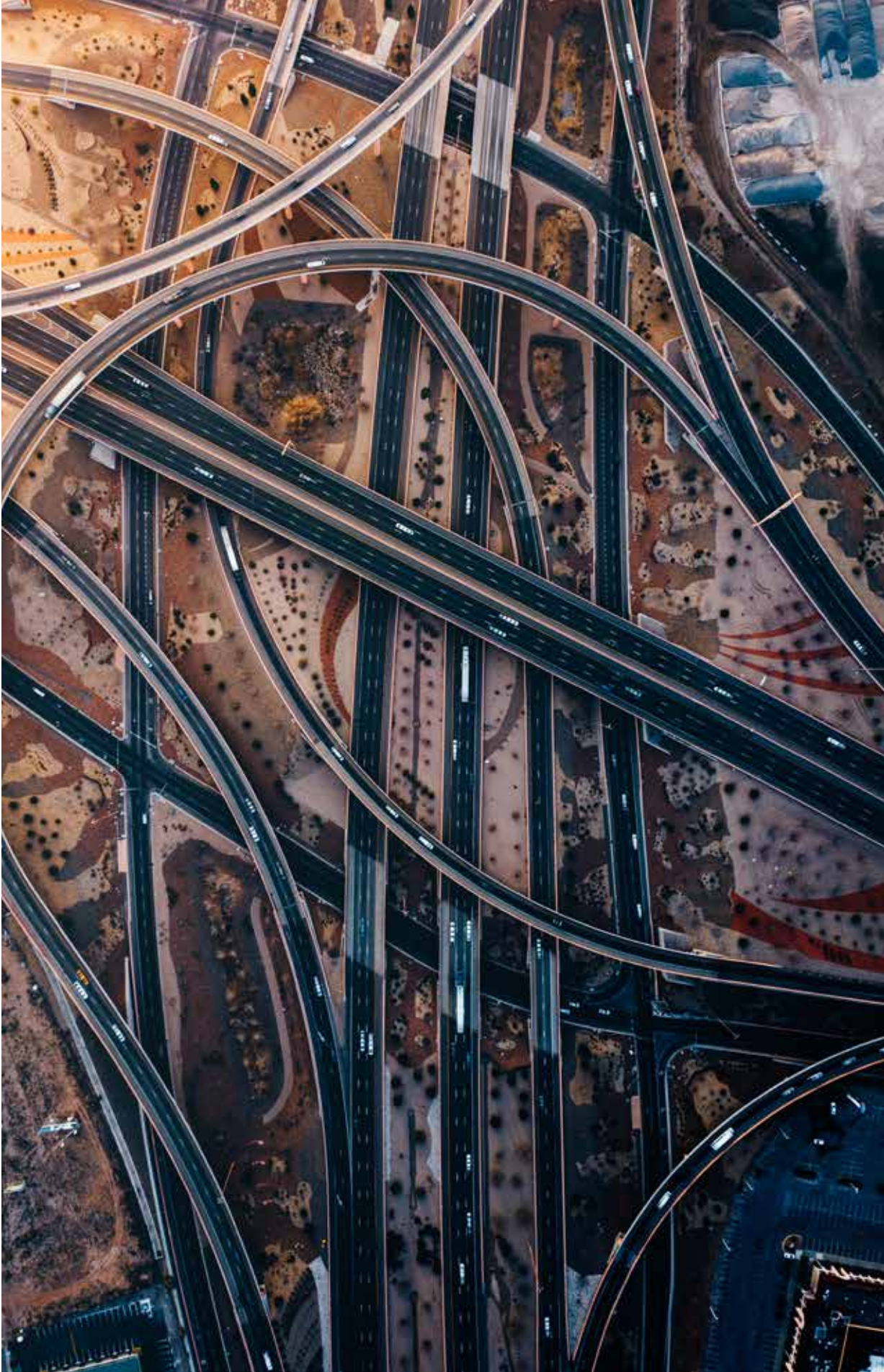


**Ni Pengfei**, Director of Center for City and Competitiveness, CASS; Assistant to the Director of National Academy of Economic Strategy, CASS; PhD in economics, doctoral supervisor. Leader and Chief Urban Economist of the CASS-UN-Habitat joint research group. Specialized in theoretical and applied studies in urban economics, urban competitiveness and real estate economics.



**Marco Kamiya** is a Senior Economist of Knowledge & Innovation Branch of UN-HABITAT, and his research interests include development economics and public economics. Mr. Marco leads global operational work on urban economy and finance and conducts research on municipal finance, the economics of urban expansion and local infrastructure-investment policy.







## Introduction

In 2010, the global economy recovered from the aftermath of the financial crisis. Trade and investment picked up, and globalization accelerated. According to the International Monetary Fund, the real GDP growth of the world in 2010 was 4.8%, that of developed economies was 2.7%, and that of emerging and developing economies was 7.1%; global trade was expected to grow by 11.4%. In general, the three major economies, i.e. the United States,

Japan and Europe, all showed signs of a moderate recovery; while emerging economies demonstrated strong upward momentum. At the same time, the global urbanization process continued, and Africa and Asia had the greatest potential. New technologies boomed. In 2010, Apple Inc. of the United States became the world's largest technology company, and mobile Internet technologies rose as a new force leading towards changes in cities worldwide.

# 1 Global comparison: cities in developed countries of Europe and North America have significant advantages in global sustainable competitiveness

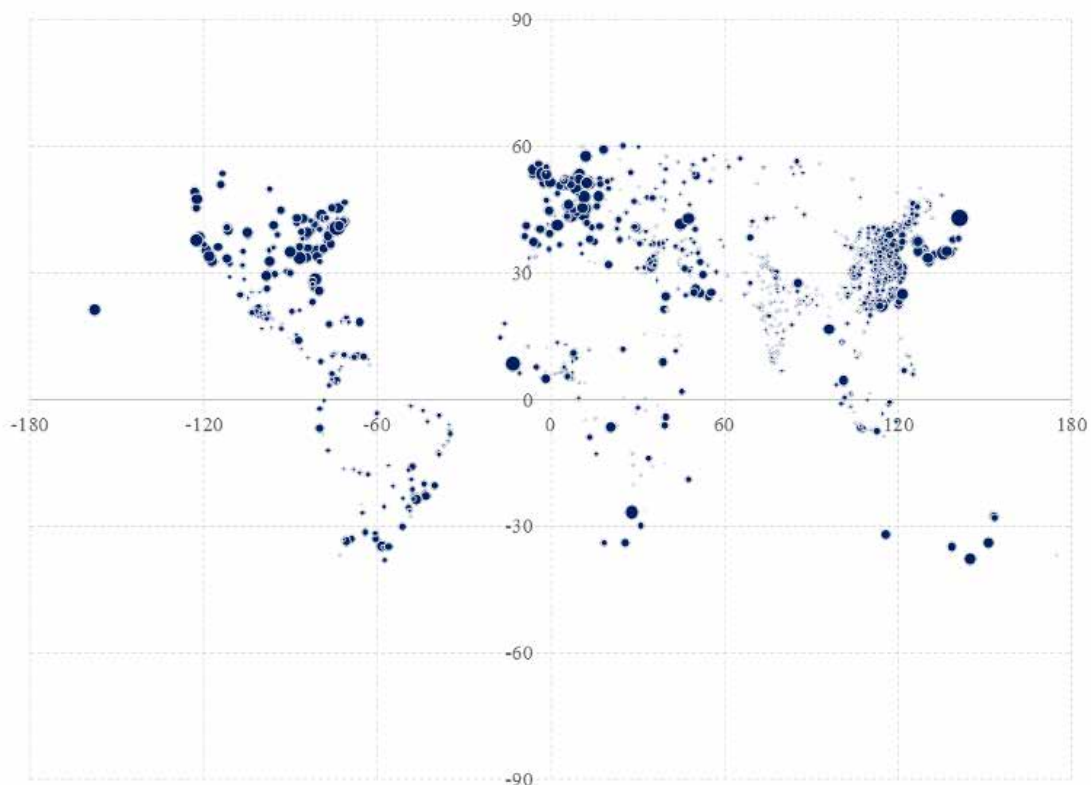
**Table 1 Top 20 cities by sustainable competitiveness, 2012–2013**

City	Ranking	City	Ranking
Tokyo	1	Stuttgart	11
New York-Newark	2	Seoul	12
Singapore	3	Philadelphia	13
Paris	4	Boston	14
Hong Kong	5	Frankfurt	15
London	6	Moscow	16
Osaka	7	Madrid	17
Chicago	8	Munich	18
Barcelona	9	Taipei	19
San Francisco-Oakland	10	Berlin	20

For the year 2010, the standard deviation of sustainable competitiveness of cities worldwide is 0.169, slightly higher than that for 2009 (0.164). At the continental level, Oceanian cities has the highest average sustainable competitiveness, which is 0.598, followed by North America with a

score of 0.468 and Europe with a score of 0.460. South America, Asia and Africa have lower scores, respectively 0.354, 0.285 and 0.202. Compared with the averages of 2009, North America sees the sharpest growth, which is 4%, while Asia witnesses the lowest growth.

**Figure 1 Distribution of sustainable competitiveness of cities worldwide, 2010**

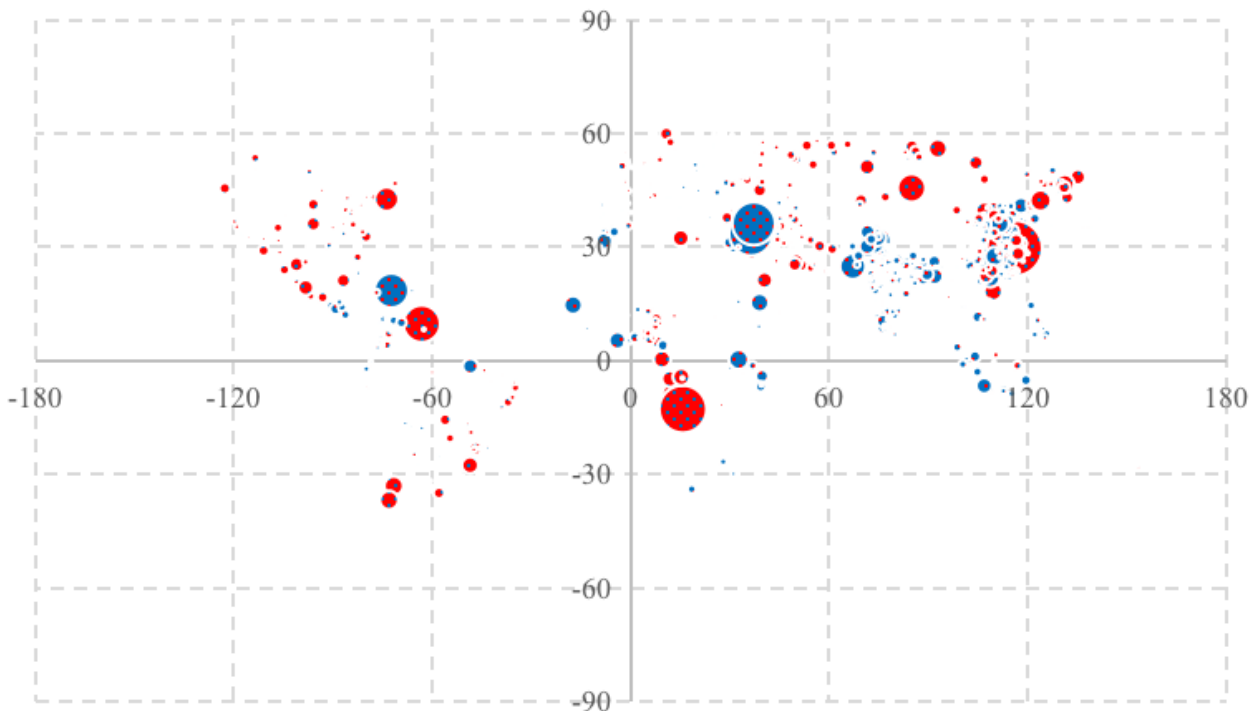




As is seen in Table 1, the Top 20 cities in terms of sustainable competitiveness for 2010 are Tokyo, New York-Newark, Singapore, Paris, Hong Kong, London, Osaka, Chicago, Barcelona, San Francisco-Oakland, Stuttgart, Seoul, Philadelphia, Boston, Frankfurt, Moscow, Madrid, Munich, Taipei and Berlin. Nine of these cities are in Europe, six in Asia and five in North America, basically the same as in 2009. Specifically, Munich of Germany moved up from the 21st place in 2009 to the 19th mainly due to the rapid increase of its high-income population increment and Boston of the United States is up from the 17th place to 14th thanks to the rapid increase of its high-income population density. These two cities have made the most obvious progress among the 20 cities.

As for the Top 200, North America has the largest number of entries, with 63 cities on the list; followed by Europe with 59, Asia with 57, South America with 12, Oceania with 7, and Africa with 2. Compared with 2009, the number of Asian cities among the Top 200 see the sharpest fall, down by 4; while North America see the biggest increase, up by 3. Thus, from the overall ranking of all sample cities, the Top 20 or Top 200, developed countries developed countries in Europe and North America are still the most competitive. In addition, the average sustainable competitiveness score of cities in G20 countries is 0.355, about 11% higher than the global average, and also slightly higher than the world average of 2009 (0.345).

**Figure 2 Changes in global rankings by sustainable competitiveness, 2012-2013**



Note: Red indicates positive change in ranking while blue indicates negative change, and the bigger the dot the greater the change of ranking

## 2

## Regional comparison: Rankings of cities in the Northern Hemisphere remain relatively stable, while those of cities in the Southern Hemisphere change greatly

**Table 2 Top 10 cities by continent, 2010**

Ranking	N. America	Europe	Asia	S. America	Africa
1	New York-Newark	Paris	Tokyo	Buenos Aires	Tripoli
2	Chicago	London	Singapore	Sao Paulo	Pretoria
3	San Francisco-Oakland	Barcelona	Hong Kong	Santiago de Chile	Johannesburg
4	Philadelphia	Stuttgart	Osaka	Rio de Janeiro	Cape Town
5	Boston	Frankfurt	Seoul	Bogota	Luanda
6	Los Angeles-Long Beach-Santa Ana	Moscow	Taipei	Lima	Algiers
7	Toronto	Madrid	Hiroshima	Montevideo	Oran
8	Miami	Munich	Nagoya	Porto Alegre	Durban
9	Houston	Berlin	Kitakyushu-Fukuoka	Brasilia	Lagos
10	Cleveland	Rome	Shenzhen	Greater Vitória	Benghazi

For the year 2010, the top 10 cities of North America by sustainable competitiveness are New York-Newark, Chicago, San Francisco-Oakland, Philadelphia, Boston, Los Angeles-Long Beach-Santa Ana, Toronto, Miami, Houston and Cleveland, the fastest growth over 2009 is seen in Boston, which moves up from the 17th place among North American cities to the 14th place. Cleveland sees the largest leap in the rankings by high-income population increment, up nine positions on the world list from where it was in 2009; Boston see the fastest rise in the rankings by high-income population density, up three positions on the world list.

For the year 2010, the Top 10 cities of Europe are Paris, London, Barcelona, Stuttgart, Frankfurt, Moscow, Madrid, Munich, Berlin and Rome. Among them, Munich is up from the 21st place of 2009 to the 18th, which is largest stride. In particular, Munich has a jump up the rankings by high-income population increment, up by seven positions in the world

rankings. Paris moves farthest on the list of high-income population density, up five positions.

For the year 2010, the Top 10 cities of Asia by sustainable competitiveness are Tokyo, Singapore, Hong Kong, Osaka, Seoul, Taipei, Hiroshima, Nagoya, Kitakyushu-Fukuoka and Shenzhen. Compared with 2009, Shenzhen and Nagoya have the sharpest jump up, from the 39th and the 36th places in the world to the 37th and 34th respectively. The largest stride up on the rankings by high-income population increment is made by Singapore who is up five positions; and the greatest jump on the list of high-income population density occurs to Shenzhen, which is up seven places from where it was in 2009.

For the year 2010, the top ten cities of South America by sustainable competitiveness are Buenos Aires, Sao Paulo, Santiago de Chile, Rio de Janeiro, Bogota, Lima, Montevideo, Porto Alegre, Brasilia and Greater Vitória. Compared with 2009, these cities' global sustainable competitiveness rankings lowered



significantly. Specifically, Rio de Janeiro and Bogota drop by 14 and 11 positions respectively mainly due to the large drops in their rankings by high-income population increment (both down 13 positions). In comparison, Greater Vitória's ranking of global sustainable competitiveness is up three positions, mainly because of increase in its high-income population density (up 10 positions in the rankings). For the year 2010, the Top 10 cities of Africa by sustainable competitiveness are Tripoli, Pretoria,

Johannesburg, Cape Town, Luanda, Algiers, Oran, Durban, Lagos and Benghazi. Among them, Luanda sees the greatest rise in its sustainable competitiveness ranking in the world, up from the 336th place of 2009 to the 262nd. The sharpest moves up the rankings by high-income population increment and high-income population density are both seen in the case of Luanda, up 62 and 79 positions respectively on the world rankings from where it was for the year 2009.

### 3 International comparison: cities in developing countries are moving down the list

Table 3 Top 10 cities of selected countries, 2010

Ranking	India	China	Nigeria	Brazil	U.S.A.	Germany
1	Delhi	Hong Kong	Lagos	Sao Paulo	New York-Newark	Stuttgart
2	Mumbai	Taipei	Abuja	Rio de Janeiro	Chicago	Frankfurt
3	Bangalore	Shenzhen	Port Harcourt	Porto Alegre	San Francisco-Oakland	Munich
4	Chennai	Shanghai	Kano	Brasilia	Philadelphia	Berlin
5	Pune	Guangzhou	Benin City	Greater Vitória	Boston	Hamburg
6	Kochi	Beijing	Ikorodu	Campinas	Los Angeles-Long Beach-Santa Ana	Hannover
7	Coimbatore	Taichung	Aba	Belo Horizonte	Miami	Cologne
8	Hyderabad	Kaohsiung	Enugu	Sao Jose dos Campos	Houston	Dortmund
9	Kolkata	Qingdao	Ibadan	Ribeirao Preto	Cleveland	Essen
10	Kozhikode	Suzhou	Jos	Curitiba	Atlanta	Dusseldorf

For the year 2010, the Top 10 cities of India by sustainable competitiveness are Delhi, Mumbai, Bangalore, Chennai, Pune, Cochin, Coimbatore, Hyderabad, Kolkata and Kozhikode. Compared with 2009, their rankings by sustainable competitiveness has declined. Specifically, Delhi has the largest drop in the rankings by high-income population increment, down by 91 positions; Kolkata has the most obvious drop in the rankings by high-income population density, down by 37 positions.

For the year 2010, the Top 10 cities of China by sustainable competitiveness are Hong Kong, Taipei, Shenzhen, Shanghai, Guangzhou, Beijing, Taichung, Kaohsiung, Qingdao and Suzhou. Compared with the 2009 list, Qingdao is up to No. 9 from No. 11. However, the overall rankings of these cities by sustainable competitiveness on the world list has declined. Suzhou has the largest drop in the rankings by high-income population increment and high-income population density, down by 26 and 44 positions respectively.

The top ten cities in Nigeria for the year 2010 by sustainable competitiveness are Lagos, Abuja, Port Harcourt, Kano, Benin City, Ikorodu, Aba, Enugu, Ibadan and Jos, the same as the 2009 list. Among them, Ikorodu has the greatest jump on the world list of high-income population increment, up by 39 positions; Aba has the largest jump on the world list of high-income population density, up by 24 positions.

For the year 2010, the Top 10 cities of Brazil by

sustainable competitiveness are Sao Paulo, Rio de Janeiro, Porto Alegre, Brasilia, Greater Vitória, Campinas, Belo Horizonte, Sao Jose dos Campos, Ribeirao Preto and Curitiba, basically the same as the top ten cities of 2009. Among them, the global ranking of Ribeirao Preto by high-income population increment sees the largest stride up, 65 positions higher than where it was on the list of 2009; the ranking of Greater Vitória by high-income population density see the greatest jump up, which is 10 positions.

For the year 2010, New York-Newark, Chicago, San Francisco-Oakland, Philadelphia, Boston, Los Angeles-Long Beach-Santa Ana, Miami, Houston, Cleveland and Atlanta are the Top 10 cities of the United States by sustainable competitiveness, the same as the Top 10 cities of 2009. Among them, Cleveland's ranking in world cities by high-income population increment sees the largest stride, up nine positions; Boston's high-income population density ranking rises the most, by three positions in the global rankings.

For the year 2010, the top ten cities of Germany by sustainable competitiveness are Stuttgart, Frankfurt, Munich, Berlin, Hamburg, Hanover, Cologne, Dortmund, Essen and Dusseldorf, the same as the Top 10 cities of 2009. Among them, Dusseldorf moves up 66 places in the global rankings by high-income population increment, while all of the top ten cities see their rankings by high-income population density in the world remain basically stable.

## 4

## Conclusions

In terms of the distribution of the sustainable competitiveness of cities worldwide, cities in developed countries in Europe and North America have clear and growing leading edges. The sustainable competitiveness vary vastly between cities, with scores of cities in most developing countries of South America, Asia and Africa remaining generally low. Cities in China, India and some other developing countries have moved down the global rankings. Facing a trend of polarization in terms of the sustainable competitiveness of cities worldwide, we should make efforts to seek improvements and push up the sustainable competitiveness of cities in developing countries.

# Appendix

## Sustainable Competitiveness Rankings of Cities worldwide

City	Country	Score	Ranking	City	Country	Score	Ranking
Tokyo	Japan	1.0000	1	Melbourne	Australia	0.7266	25
New York-Newark	U.S.A.	0.9212	2	Stockholm	Sweden	0.7201	26
Singapore	Singapore	0.8956	3	Houston	U.S.A.	0.7128	27
Paris	France	0.8672	4	Manchester	U.K.	0.7074	28
Hong Kong	China	0.8535	5	Cleveland	U.S.A.	0.7068	29
London	U.K.	0.8514	6	Hiroshima	Japan	0.7016	30
Osaka	Japan	0.8408	7	Milan	Italy	0.7001	31
Chicago	U.S.A.	0.8131	8	Hamburg	Germany	0.6989	32
Barcelona	Spain	0.8052	9	Atlanta	U.S.A.	0.6924	33
San Francisco-Oakland	U.S.A.	0.7879	10	Nagoya	Japan	0.6915	34
Stuttgart	Germany	0.7864	11	Kitakyushu-Fukuoka	Japan	0.6911	35
Seoul	Republic of Korea	0.7848	12	Birmingham	U.K.	0.6891	36
Philadelphia	U.S.A.	0.7689	13	Shenzhen	China	0.6876	37
Boston	U.S.A.	0.7643	14	Hannover	Germany	0.6858	38
Frankfurt am Main	Germany	0.7643	15	Baltimore	U.S.A.	0.6858	39
Moscow	Russia	0.7613	16	Montreal	Canada	0.6839	40
Madrid	Spain	0.7568	17	Vienna	Austria	0.6806	41
Munich	Germany	0.7566	18	Seattle	U.S.A.	0.6748	42
Taipei	China	0.7537	19	Sydney	Australia	0.6742	43
Berlin	Germany	0.7440	20	Buenos Aires	Argentina	0.6721	44
Los Angeles-Long Beach-Santa Ana	U.S.A.	0.7406	21	Amsterdam	Netherlands	0.6715	45
Toronto	Canada	0.7389	22	San Jose	U.S.A.	0.6699	46
Miami	U.S.A.	0.7338	23	Copenhagen	Denmark	0.6657	47
Rome	Italy	0.7327	24	Zurich	Switzerland	0.6634	48



Dallas-Fort Worth	U.S.A.	0.6630	49	Essen	Germany	0.5926	89
Detroit	U.S.A.	0.6584	50	Jerusalem	Israel	0.5911	90
West Yorkshire	U.K.	0.6573	51	Medina	Saudi Arabia	0.5890	91
Washington, D.C.	U.S.A.	0.6524	52	Antwerp	Belgium	0.5873	92
Denver-Aurora	U.S.A.	0.6518	53	Istanbul	Turkey	0.5865	93
Incheon	Republic of Korea	0.6486	54	Daegu	Republic of Korea	0.5842	94
Vancouver	Canada	0.6473	55	Austin	U.S.A.	0.5837	95
Cologne	Germany	0.6471	56	Haifa	Israel	0.5836	96
Sao Paulo	Brazil	0.6453	57	Doha	Qatar	0.5819	97
San Diego	U.S.A.	0.6442	58	Gwangju	Republic of Korea	0.5807	98
Richmond	U.S.A.	0.6410	59	Rotterdam	Netherlands	0.5787	99
Salt Lake City	U.S.A.	0.6394	60	New Haven	U.S.A.	0.5787	100
Tel Aviv-Yafo	Israel	0.6372	61	Mexico City	Mexico	0.5783	101
Bridgeport-Stamford	U.S.A.	0.6372	62	Las Vegas	U.S.A.	0.5780	102
Valencia	Spain	0.6354	63	Virginia Beach	U.S.A.	0.5766	103
Shanghai	China	0.6310	64	San Jose	Costa Rica	0.5720	104
Raleigh	U.S.A.	0.6309	65	Calgary	Canada	0.5719	105
Hartford	U.S.A.	0.6302	66	Jedda	Saudi Arabia	0.5708	106
Perth	Australia	0.6232	67	Santiago de Chile	Chile	0.5685	107
Geneva	Switzerland	0.6212	68	Louisville	U.S.A.	0.5675	108
Ulsan	Republic of Korea	0.6199	69	San Juan	Puerto Rico	0.5665	109
Kuala Lumpur	Malaysia	0.6196	70	Malaga	Spain	0.5643	110
Sapporo	Japan	0.6186	71	Lyon	France	0.5638	111
Milwaukee	U.S.A.	0.6167	72	Dusseldorf	Germany	0.5628	112
Guangzhou	China	0.6105	73	Rio de Janeiro	Brazil	0.5626	113
Dortmund	Germany	0.6099	74	Dubai	United Arab Emirates	0.5602	114
Daejeon	Republic of Korea	0.6090	75	Worcester	U.S.A.	0.5590	115
Brussels	Belgium	0.6078	76	Buffalo	U.S.A.	0.5581	116
Orlando	U.S.A.	0.6077	77	Belfast	U.K.	0.5560	117
Athens	Greece	0.6071	78	Taichung	China	0.5555	118
Phoenix-Mesa	U.S.A.	0.6067	79	Zaragoza	Spain	0.5518	119
Riyadh	Saudi Arabia	0.6054	80	Hamilton	Canada	0.5490	120
Columbus	U.S.A.	0.6005	81	Brisbane	Australia	0.5489	121
Beijing	China	0.6004	82	Saint Petersburg	Russia	0.5487	122
Glasgow	U.K.	0.6004	83	Kaohsiung	China	0.5485	123
Naples	Italy	0.5982	84	Torino	Italy	0.5483	124
Busan	Republic of Korea	0.5974	85	Qingdao	China	0.5465	125
Adelaide	Australia	0.5964	86	Leipzig	Germany	0.5463	126
Lille	France	0.5945	87	Tehran	Iran	0.5450	127
Helsinki	Finland	0.5943	88	Tripoli	Libya	0.5448	128

Dresden	Germany	0.5408	129
Liege	Belgium	0.5390	130
Bogota	Colombia	0.5353	131
Auckland	New Zealand	0.5327	132
Suzhou	China	0.5320	133
Lisbon	Portugal	0.5319	134
Colorado Springs	U.S.A.	0.5317	135
Tampa-St. Petersburg	U.S.A.	0.5314	136
Sendai	Japan	0.5301	137
Lima	Peru	0.5284	138
Pretoria	South Africa	0.5284	139
Baton Rouge	U.S.A.	0.5263	140
Providence	U.S.A.	0.5262	141
Liverpool	U.K.	0.5260	142
Foshan	China	0.5228	143
Tianjin	China	0.5223	144
Venice	Italy	0.5216	145
Shizuoka-Hamamatsu M.M.A.	Japan	0.5214	146
Nanjing	China	0.5180	147
Kuwait City	Kuwait	0.5178	148
Minneapolis-Saint Paul	U.S.A.	0.5173	149
Mecca	Saudi Arabia	0.5167	150
Provo-Orem	U.S.A.	0.5164	151
Hague, The	Netherlands	0.5162	152
Nashville-Davidson	U.S.A.	0.5150	153
Macao	China	0.5139	154
Marseille-Aix-en-Provence	France	0.5138	155
Budapest	Hungary	0.5129	156
Leicester	U.K.	0.5118	157
New Orleans	U.S.A.	0.5116	158
Verona	Italy	0.5108	159
Wuxi	China	0.5102	160
Pittsburgh	U.S.A.	0.5098	161
Porto	Portugal	0.5092	162
Montevideo	Uruguay	0.5078	163
Florence	Italy	0.5078	164
Tainan	China	0.5069	165
Ottawa-Gatineau	Canada	0.5069	166
Charlotte	U.S.A.	0.5062	167
Dublin	Ireland	0.5053	168

Dongguan	China	0.5047	169
Kansas City	U.S.A.	0.5029	170
Dalian	China	0.5023	171
Bologna	Italy	0.5019	172
Honolulu	U.S.A.	0.4996	173
San Antonio	U.S.A.	0.4968	174
Changsha	China	0.4957	175
Niigata	Japan	0.4929	176
Porto Alegre	Brazil	0.4908	177
Karaj	Iran	0.4893	178
Zhongshan	China	0.4892	179
Indianapolis	U.S.A.	0.4888	180
Ahvaz	Iran	0.4880	181
Catania	Italy	0.4877	182
Ogden	U.S.A.	0.4876	183
Memphis	U.S.A.	0.4867	184
Hangzhou	China	0.4851	185
Wuhan	China	0.4831	186
Gold Coast	Australia	0.4831	187
Ningbo	China	0.4820	188
Dayton	U.S.A.	0.4818	189
Rochester	U.S.A.	0.4807	190
Amman	Jordan	0.4802	191
Bristol	U.K.	0.4800	192
Brasilia	Brazil	0.4797	193
Oklahoma City	U.S.A.	0.4787	194
Toulouse	France	0.4779	195
Columbia	U.S.A.	0.4768	196
Chengdu	China	0.4767	197
Greater Vitória	Brazil	0.4761	198
Barcelona-Puerto La Cruz	Venezuela	0.4755	199
Rosario	Argentina	0.4749	200
Cincinnati	U.S.A.	0.4743	201
Caracas	Venezuela	0.4736	202
Riverside-San Bernardino	U.S.A.	0.4735	203
Hefei	China	0.4733	204
Bangkok	Thailand	0.4724	205
Abu Dhabi	United Arab Emirates	0.4704	206
Kumamoto	Japan	0.4702	207
Changwon	Republic of Korea	0.4697	208

Johannesburg	South Africa	0.4691	209	Campinas	Brazil	0.4386	249
Sharjah	United Arab Emirates	0.4688	210	Nantong	China	0.4359	250
Yantai	China	0.4681	211	Palermo	Italy	0.4344	251
Genoa	Italy	0.4680	212	Zhenjiang	China	0.4338	252
Prague	Czech Republic	0.4670	213	Winnipeg	Canada	0.4337	253
Sheffield	U.K.	0.4664	214	Jakarta	Indonesia	0.4335	254
Nottingham	U.K.	0.4652	215	Yangzhou	China	0.4324	255
Muscat	Oman	0.4647	216	Changchun	China	0.4308	256
Sofia	Bulgaria	0.4610	217	Zhuhai	China	0.4296	257
Birmingham	U.S.A.	0.4604	218	Guadalajara	Mexico	0.4286	258
Valencia	Venezuela	0.4600	219	Tangshan	China	0.4284	259
Jinan	China	0.4600	220	Zhengzhou	China	0.4284	260
Mendoza	Argentina	0.4599	221	Izmir	Turkey	0.4272	261
Shenyang	China	0.4593	222	Luanda	Angola	0.4263	262
Akron	U.S.A.	0.4590	223	Allentown	U.S.A.	0.4245	263
Batam	Indonesia	0.4585	224	Xi' an	China	0.4244	264
Xiamen	China	0.4564	225	Portland	U.S.A.	0.4237	265
Changzhou	China	0.4549	226	Toulon	France	0.4234	266
Bari	Italy	0.4546	227	Belo Horizonte	Brazil	0.4231	267
Newcastle upon Tyne	U.K.	0.4532	228	Bursa	Turkey	0.4230	268
Charleston-North Charleston	U.S.A.	0.4523	229	Nanchang	China	0.4228	269
Cape Coral	U.S.A.	0.4520	230	Quanzhou	China	0.4225	270
Havana	Cuba	0.4510	231	Taizhou (JS)	China	0.4222	271
Monterrey	Mexico	0.4498	232	Maracay	Venezuela	0.4219	272
Knoxville	U.S.A.	0.4491	233	Grand Rapids	U.S.A.	0.4212	273
Minsk	Belarus	0.4478	234	Bucuresti	Romania	0.4208	274
Quebec	Canada	0.4463	235	Shijiazhuang	China	0.4204	275
Oslo	Norway	0.4456	236	Daqing	China	0.4195	276
Ankara	Turkey	0.4444	237	Medellin	Colombia	0.4186	277
Seville	Spain	0.4427	238	Padova	Italy	0.4151	278
Xuzhou	China	0.4426	239	Maracaibo	Venezuela	0.4150	279
Bordeaux	France	0.4423	240	Johor Bahru	Malaysia	0.4135	280
Leon	Mexico	0.4421	241	Hsinchu	China	0.4131	281
Thessaloniki	Greece	0.4408	242	Fuzhou (FJ)	China	0.4130	282
Edmonton	Canada	0.4404	243	Algiers	Algeria	0.4111	283
Poznan	Poland	0.4403	244	Santo Domingo	Dominican Republic	0.4107	284
Nantes	France	0.4403	245	Shaoxing	China	0.4106	285
Zibo	China	0.4402	246	Warsaw	Poland	0.4096	286
Cape Town	South Africa	0.4396	247	Nice	France	0.4095	287
Cordoba	Argentina	0.4394	248	Baku	Azerbaijan	0.4091	288



Gothenburg	Sweden	0.4090	289	Lagos	Nigeria	0.3830	329
Asuncion	Paraguay	0.4088	290	Astana	Kazakhstan	0.3818	330
Oran	Algeria	0.4074	291	Omaha	U.S.A.	0.3812	331
Delhi	India	0.4070	292	Jundiai	Brazil	0.3792	332
Krakow	Poland	0.4063	293	Belgrade	Serbia	0.3778	333
El Paso	U.S.A.	0.4061	294	Be'er Sheva	Israel	0.3773	334
Tucson	U.S.A.	0.4054	295	Baghdad	Iraq	0.3766	335
Sao Jose dos Campos	Brazil	0.4051	296	Buraydah	Saudi Arabia	0.3764	336
Dongying	China	0.4050	297	Wuhu	China	0.3762	337
Ribeirao Preto	Brazil	0.4045	298	Xiangtan	China	0.3761	338
Taiyuan	China	0.4045	299	Rizhao	China	0.3751	339
Tijuana	Mexico	0.4044	300	Bremen	Germany	0.3748	340
Anshan	China	0.4030	301	San Luis Potosi	Mexico	0.3747	341
Chongqing	China	0.4029	302	Mar Del Plata	Argentina	0.3734	342
Sacramento	U.S.A.	0.4019	303	Handan	China	0.3721	343
Santiago de Los Caballeros	Dominican Republic	0.4017	304	Zhuzhou	China	0.3716	344
Baoding	China	0.4017	305	Shiyan	China	0.3697	345
Bakersfield	U.S.A.	0.4011	306	Pingdingshan	China	0.3695	346
Ipoh	Malaysia	0.4005	307	Mumbai	India	0.3694	347
Lodz	Poland	0.4001	308	Weifang	China	0.3674	348
Weihai	China	0.3991	309	Jiangmen	China	0.3672	349
Zagreb	Croatia	0.3990	310	Benghazi	Libya	0.3671	350
Quito	Ecuador	0.3984	311	Jilin	China	0.3665	351
Panama City	Panama	0.3981	312	Salvador	Brazil	0.3657	352
Jining	China	0.3930	313	Merida	Mexico	0.3656	353
Durban	South Africa	0.3929	314	Santa Cruz	Bolivia	0.3641	354
Surabaya	Indonesia	0.3928	315	Nanning	China	0.3628	355
Santa Fe	Argentina	0.3923	316	Lianyungang	China	0.3626	356
Jiaxing	China	0.3915	317	Fresno	U.S.A.	0.3621	357
Harbin	China	0.3914	318	Shiraz	Iran	0.3616	358
Samut Prakan	Thailand	0.3899	319	Manaus	Brazil	0.3612	359
Gebze	Turkey	0.3897	320	Guatemala City	Guatemala	0.3605	360
Curitiba	Brazil	0.3896	321	Zhangzhou	China	0.3594	361
Adana	Turkey	0.3895	322	Fortaleza	Brazil	0.3592	362
Taizhou (ZJ)	China	0.3871	323	Bangalore	India	0.3588	363
Tyumen	Russia	0.3854	324	Panjin	China	0.3587	364
Ufa	Russia	0.3840	325	Maanshan	China	0.3576	365
Kiev	Ukraine	0.3840	326	Tulsa	U.S.A.	0.3572	366
Recife	Brazil	0.3836	327	Torreón	Mexico	0.3569	367
Dammam	Saudi Arabia	0.3834	328	Yancheng	China	0.3566	368

Villahermosa	Mexico	0.3563	369	Riga	Latvia	0.3357	409
Dezhou	China	0.3562	370	Jieyang	China	0.3350	410
Luoyang	China	0.3561	371	Ashgabat	Turkmenistan	0.3334	411
Sarasota-Bradenton	U.S.A.	0.3558	372	Samara	Russia	0.3330	412
Perm	Russia	0.3556	373	Toluca	Mexico	0.3328	413
Kunming	China	0.3551	374	Matamoros	Mexico	0.3327	414
Qinhuangdao	China	0.3546	375	Binzhou	China	0.3325	415
Cartagena	Colombia	0.3545	376	Huangshi	China	0.3321	416
Sorocaba	Brazil	0.3540	377	Joinville	Brazil	0.3320	417
Kazan	Russia	0.3536	378	Juarez	Mexico	0.3309	418
Albuquerque	U.S.A.	0.3534	379	Lanzhou	China	0.3304	419
McAllen	U.S.A.	0.3529	380	Nanyang	China	0.3302	420
Maoming	China	0.3527	381	Goiania	Brazil	0.3301	421
Xuchang	China	0.3524	382	Arequipa	Peru	0.3294	422
Zhoushan	China	0.3524	383	Baotou	China	0.3278	423
Hohhot	China	0.3521	384	San Miguel de Tucuman	Argentina	0.3276	424
Cali	Colombia	0.3504	385	Mashhad	Iran	0.3262	425
Wenzhou	China	0.3498	386	Yibin	China	0.3255	426
San Salvador	El Salvador	0.3490	387	Huaian	China	0.3251	427
Huizhou	China	0.3487	388	Nairobi	Kenya	0.3248	428
Anyang	China	0.3481	389	Tabriz	Iran	0.3244	429
Belem	Brazil	0.3470	390	Yuxi	China	0.3242	430
Pekanbaru	Indonesia	0.3469	391	Yaroslavl	Russia	0.3238	431
Puebla	Mexico	0.3463	392	Xiangyang	China	0.3233	432
Liuzhou	China	0.3453	393	Mianyang	China	0.3212	433
Puyang	China	0.3448	394	Hengshui	China	0.3212	434
Taian	China	0.3435	395	Culiacan	Mexico	0.3209	435
Yichang	China	0.3435	396	Kuching	Malaysia	0.3201	436
Zaozhuang	China	0.3428	397	Songyuan	China	0.3196	437
Huzhou	China	0.3427	398	Bengbu	China	0.3194	438
Jinzhou	China	0.3421	399	Jiaozuo	China	0.3193	439
Guayaquil	Ecuador	0.3419	400	Port Elizabeth	South Africa	0.3187	440
Jinhua	China	0.3409	401	Misratah	Libya	0.3185	441
Manila	Philippines	0.3397	402	Liaoyang	China	0.3181	442
Zhaoqing	China	0.3389	403	Haikou	China	0.3173	443
Saratov	Russia	0.3385	404	Aguascalientes	Mexico	0.3172	444
Samarinda	Indonesia	0.3382	405	Guiyang	China	0.3170	445
Deyang	China	0.3374	406	Putian	China	0.3161	446
Antalya	Turkey	0.3361	407	Jingdezhen	China	0.3159	447
Shantou	China	0.3359	408	Uberlandia	Brazil	0.3154	448

Bandung	Indonesia	0.3153	449	Tomsk	Russia	0.2959	489
Tieling	China	0.3153	450	Grande Sao Luis	Brazil	0.2956	490
Almaty	Kazakhstan	0.3149	451	Chaozhou	China	0.2955	491
Xingtai	China	0.3147	452	Novosibirsk	Russia	0.2949	492
Chennai	India	0.3147	453	Suqian	China	0.2943	493
Erbil	Iraq	0.3146	454	Saltillo	Mexico	0.2942	494
Xinyu	China	0.3144	455	Hebi	China	0.2939	495
Cochabamba	Bolivia	0.3129	456	Luohe	China	0.2932	496
Cairo	Egypt	0.3125	457	Samsun	Turkey	0.2932	497
Queretaro	Mexico	0.3125	458	Port Harcourt	Nigeria	0.2932	498
Londrina	Brazil	0.3118	459	Kano	Nigeria	0.2926	499
Guilin	China	0.3108	460	Alexandria	Egypt	0.2925	500
Trujillo	Peru	0.3106	461	Sanming	China	0.2922	501
Longyan	China	0.3097	462	Pingxiang	China	0.2920	502
Albany	U.S.A.	0.3095	463	Dhaka	Bangladesh	0.2920	503
Urumqi	China	0.3086	464	Jingmen	China	0.2916	504
Yingkou	China	0.3081	465	Beihai	China	0.2909	505
Liaocheng	China	0.3078	466	Zhumadian	China	0.2901	506
Langfang	China	0.3076	467	Tegucigalpa	Honduras	0.2897	507
Zigong	China	0.3060	468	Pune	India	0.2895	508
Fushun	China	0.3057	469	Barranquilla	Colombia	0.2890	509
Chenzhou	China	0.3053	470	Yinchuan	China	0.2889	510
Barnaul	Russia	0.3051	471	Baoji	China	0.2867	511
Wroclaw	Poland	0.3049	472	Kingston	Jamaica	0.2865	512
Ezhou	China	0.3048	473	Quzhou	China	0.2863	513
Pereira	Colombia	0.3042	474	Valparaiso	Chile	0.2863	514
Qingyuan	China	0.3037	475	Teresina	Brazil	0.2863	515
Abuja	Nigeria	0.3034	476	Joao Pessoa	Brazil	0.2850	516
Zhoukou	China	0.3028	477	Datong	China	0.2842	517
Kaifeng	China	0.3019	478	Hufuf-Mubarraz	Saudi Arabia	0.2840	518
Tunis	Tunisia	0.3016	479	La Plata	Argentina	0.2837	519
Palembang	Indonesia	0.2994	480	Maturín	Venezuela	0.2837	520
Huaibei	China	0.2991	481	Dazhou	China	0.2837	521
Beirut	Lebanon	0.2990	482	Ziyang	China	0.2836	522
Ganzhou	China	0.2984	483	Luzhou	China	0.2828	523
Cangzhou	China	0.2980	484	Huludao	China	0.2827	524
Malang	Indonesia	0.2978	485	Tolyatti	Russia	0.2826	525
Jingzhou	China	0.2973	486	Ryazan	Russia	0.2825	526
Xining	China	0.2967	487	Shangrao	China	0.2822	527
Juiz De Fora	Brazil	0.2967	488	Shuozhou	China	0.2819	528



Linyi	China	0.2819	529	Bogor	Indonesia	0.2689	569
Balikpapan	Indonesia	0.2813	530	Lishui	China	0.2681	570
Kochi	India	0.2811	531	Hyderabad	India	0.2681	571
Casablanca	Morocco	0.2798	532	Makassar	Indonesia	0.2680	572
Campo Grande	Brazil	0.2798	533	Xinxiang	China	0.2680	573
Tbilisi	Georgia	0.2788	534	Yulin (SX)	China	0.2675	574
Liaoyuan	China	0.2786	535	Marrakech	Morocco	0.2675	575
Gaziantep	Turkey	0.2785	536	Ningde	China	0.2674	576
Tonghua	China	0.2784	537	Semarang	Indonesia	0.2668	577
Jincheng	China	0.2780	538	Reynosa	Mexico	0.2667	578
Yangjiang	China	0.2775	539	Huaihua	China	0.2661	579
Coimbatore	India	0.2771	540	Ikorodu	Nigeria	0.2652	580
Yueyang	China	0.2770	541	Shaoguan	China	0.2650	581
Ta' if	Saudi Arabia	0.2764	542	Xianning	China	0.2647	582
Huambo	Angola	0.2763	543	Leshan	China	0.2646	583
Siping	China	0.2762	544	Aba	Nigeria	0.2640	584
Liupanshui	China	0.2758	545	Sanya	China	0.2637	585
Xinyang	China	0.2747	546	Sanmenxia	China	0.2636	586
Astrakhan	Russia	0.2747	547	Zhanjiang	China	0.2633	587
Feira De Santana	Brazil	0.2745	548	Yiyang	China	0.2631	588
Padang	Indonesia	0.2740	549	Chihuahua	Mexico	0.2628	589
Tongling	China	0.2739	550	Huainan	China	0.2623	590
Hermosillo	Mexico	0.2733	551	Tongliao	China	0.2622	591
Irkutsk	Russia	0.2731	552	Enugu	Nigeria	0.2617	592
Yangquan	China	0.2730	553	Wuzhou	China	0.2611	593
Wuhai	China	0.2726	554	Vereeniging	South Africa	0.2608	594
Panzhuhua	China	0.2726	555	Nanping	China	0.2607	595
Zhangjiakou	China	0.2723	556	Changde	China	0.2603	596
La Paz	Bolivia	0.2722	557	Yunfu	China	0.2596	597
Kemerovo	Russia	0.2720	558	Kampala	Uganda	0.2591	598
Changzhi	China	0.2718	559	Krasnodar	Russia	0.2586	599
Heze	China	0.2717	560	Orenburg	Russia	0.2585	600
Benin City	Nigeria	0.2714	561	Hamadan	Iran	0.2580	601
Damascus	Syria	0.2706	562	Ordos	China	0.2566	602
Medan	Indonesia	0.2704	563	Pachuca de Soto	Mexico	0.2565	603
Benxi	China	0.2701	564	Mexicali	Mexico	0.2560	604
Yulin (GX)	China	0.2697	565	Accra	Ghana	0.2559	605
Cuiaba	Brazil	0.2696	566	Cuernavaca	Mexico	0.2558	606
Yingtian	China	0.2694	567	Cancun	Mexico	0.2553	607
Meishan	China	0.2692	568	Krivoi Rog	Ukraine	0.2552	608

Mersin	Turkey	0.2550	609	Voronezh	Russia	0.2409	649
Chaoyang	China	0.2548	610	Warri	Nigeria	0.2407	650
Lahore	Pakistan	0.2548	611	Maceio	Brazil	0.2403	651
Kolkata	India	0.2534	612	Lvliang	China	0.2399	652
Chengde	China	0.2531	613	Fuxin	China	0.2394	653
Ibadan	Nigeria	0.2529	614	Karachi	Pakistan	0.2394	654
Hengyang	China	0.2525	615	Huangshan	China	0.2383	655
Chittagong	Bangladesh	0.2524	616	Managua	Nicaragua	0.2381	656
Esfahan	Iran	0.2523	617	Yuncheng	China	0.2376	657
Barquisimeto	Venezuela	0.2521	618	Cebu	Philippines	0.2375	658
Rostov-on-Don	Russia	0.2512	619	Kollam	India	0.2371	659
San Pedro Sula	Honduras	0.2511	620	Eskisehir	Turkey	0.2357	660
Orumiyeh	Iran	0.2499	621	Guang' an	China	0.2352	661
Weinan	China	0.2498	622	Veracruz	Mexico	0.2348	662
Xianyang	China	0.2497	623	Khartoum	Sudan	0.2346	663
Shangqiu	China	0.2497	624	Shizuishan	China	0.2339	664
Acapulco	Mexico	0.2492	625	Nizhny Novgorod	Russia	0.2338	665
Jinzhong	China	0.2490	626	Abidjan	Cote d' Ivoire	0.2328	666
Chifeng	China	0.2487	627	Dehra Dun	India	0.2322	667
Jos	Nigeria	0.2481	628	Jiujiang	China	0.2320	668
Gaza	State of Palestine	0.2478	629	Neijiang	China	0.2315	669
Xiaogan	China	0.2470	630	Ilorin	Nigeria	0.2310	670
Akure	Nigeria	0.2469	631	Rasht	Iran	0.2304	671
Omsk	Russia	0.2462	632	Celaya	Mexico	0.2302	672
Novokuznetsk	Russia	0.2460	633	Jiamusi	China	0.2295	673
Nanchong	China	0.2455	634	Ahmedabad	India	0.2295	674
Kayseri	Turkey	0.2452	635	Malappuram	India	0.2292	675
Kozhikode	India	0.2451	636	Fangchenggang	China	0.2290	676
Natal	Brazil	0.2449	637	Libreville	Gabon	0.2289	677
Linfen	China	0.2448	638	Chiclayo	Peru	0.2288	678
Rajshahi	Bangladesh	0.2439	639	Qitaihe	China	0.2272	679
Ibague	Colombia	0.2437	640	Dandong	China	0.2271	680
Port-au-Prince	Haiti	0.2425	641	Ji' an	China	0.2269	681
Morelia	Mexico	0.2424	642	Chisinau	Republic of Moldova	0.2264	682
Colombo	Sri Lanka	0.2420	643	Yekaterinburg	Russia	0.2259	683
Bhiwandi	India	0.2419	644	Guwahati	India	0.2259	684
Phnom Penh	Cambodia	0.2414	645	Sulaymaniyah	Iraq	0.2256	685
Kannur	India	0.2414	646	Khabarovsk	Russia	0.2254	686
Chelyabinsk	Russia	0.2410	647	Meknes	Morocco	0.2254	687
Tampico	Mexico	0.2409	648	Aracaju	Brazil	0.2250	688

Port Said	Egypt	0.2250	689
Durg-Bhilai Nagar	India	0.2246	690
Anqing	China	0.2245	691
Davao	Philippines	0.2237	692
Fuyang	China	0.2236	693
Poza Rica	Mexico	0.2234	694
Concepcion	Chile	0.2225	695
Bucaramanga	Colombia	0.2222	696
Kota	India	0.2222	697
Hanzhong	China	0.2211	698
Puducherry	India	0.2210	699
Tasikmalaya	Indonesia	0.2207	700
Rabat	Morocco	0.2189	701
Owerri	Nigeria	0.2189	702
Harare	Zimbabwe	0.2187	703
Can Tho	Vietnam	0.2183	704
Fuzhou (JX)	China	0.2183	705
Suining	China	0.2183	706
Izhevsk	Russia	0.2181	707
Safaqs	Tunisia	0.2177	708
Haiphong	Vietnam	0.2173	709
Jinchang	China	0.2170	710
Cucuta	Colombia	0.2169	711
Yan' an	China	0.2168	712
Qom	Iran	0.2156	713
Thiruvananthapuram	India	0.2149	714
Karamay	China	0.2145	715
Loudi	China	0.2142	716
Baishan	China	0.2140	717
Ludhiana	India	0.2139	718
Guigang	China	0.2139	719
Hamah	Syria	0.2118	720
Douala	Cameroon	0.2116	721
Chizhou	China	0.2113	722
Qinzhou	China	0.2105	723
Kerman	Iran	0.2092	724
Shymkent	Kazakhstan	0.2091	725
Hulunbuir	China	0.2090	726
Bahawalpur	Pakistan	0.2089	727
Denizli	Turkey	0.2084	728

Ulanqab	China	0.2083	729
Shanwei	China	0.2081	730
Tangier	Morocco	0.2079	731
Qingyang	China	0.2077	732
Laibin	China	0.2075	733
Oshogbo	Nigeria	0.2075	734
Onitsha	Nigeria	0.2071	735
Bozhou	China	0.2068	736
Basra	Iraq	0.2058	737
Xuancheng	China	0.2058	738
Tuxtla Gutierrez	Mexico	0.2055	739
Qujing	China	0.2053	740
Chongzuo	China	0.2048	741
Zaria	Nigeria	0.2046	742
Yaan	China	0.2046	743
Salem	India	0.2041	744
Shuangyashan	China	0.2040	745
Mangalore	India	0.2039	746
Mudanjiang	China	0.2039	747
Asmara	Eritrea	0.2039	748
Diyarbakir	Turkey	0.2037	749
Aleppo	Syria	0.2037	750
Ulan Bator	Mongolia	0.2035	751
Bhubaneswar	India	0.2033	752
Krasnoyarsk	Russia	0.2025	753
Da Nang	Vietnam	0.2024	754
Cagayan de Oro	Philippines	0.2022	755
Guangyuan	China	0.2022	756
Nagpur	India	0.2020	757
Chuzhou	China	0.2019	758
Latakia	Syria	0.2018	759
Yichun (JX)	China	0.2018	760
Hanoi	Vietnam	0.2012	761
Florianopolis	Brazil	0.2012	762
Hyderabad	Pakistan	0.2008	763
Volgograd	Russia	0.2005	764
Fes	Morocco	0.1996	765
Mombasa	Kenya	0.1995	766
Kermanshah	Iran	0.1987	767
Oaxaca	Mexico	0.1984	768

Thrissur	India	0.1983	769
Baicheng	China	0.1979	770
Sanliurfa	Turkey	0.1969	771
Donetsk	Ukraine	0.1962	772
Ho Chi Minh City	Vietnam	0.1956	773
Kirkuk	Iraq	0.1951	774
Kitwe	Zambia	0.1951	775
Dakar	Senegal	0.1944	776
Mosul	Iraq	0.1943	777
Sialkot	Pakistan	0.1940	778
Visakhapatnam	India	0.1940	779
Denpasar	Indonesia	0.1939	780
Kinshasa	Democratic Republic of the Congo	0.1937	781
Jalandhar	India	0.1926	782
General Santos City	Philippines	0.1926	783
Uyo	Nigeria	0.1923	784
Faisalabad	Pakistan	0.1921	785
Vladivostok	Russia	0.1918	786
Asansol	India	0.1918	787
Santa Marta	Colombia	0.1917	788
Islamabad	Pakistan	0.1916	789
Hezhou	China	0.1910	790
Amritsar	India	0.1903	791
Surat	India	0.1900	792
Xinzhou	China	0.1891	793
Tabuk	Saudi Arabia	0.1889	794
Qiqihar	China	0.1887	795
Yongzhou	China	0.1887	796
Xalapa	Mexico	0.1882	797
Zunyi	China	0.1880	798
Jodhpur	India	0.1879	799
Meizhou	China	0.1876	800
Kharkov	Ukraine	0.1869	801
Heyuan	China	0.1864	802
Karbala	Iraq	0.1858	803
Huanggang	China	0.1848	804
Yerevan	Armenia	0.1845	805
Lusaka	Zambia	0.1844	806
Khulna	Bangladesh	0.1844	807
Jiayuguan	China	0.1836	808
Jixi	China	0.1833	809
Bayannur	China	0.1833	810
Al-Raqqa	Syria	0.1831	811
Makhachkala	Russia	0.1829	812
Pingliang	China	0.1824	813
Ciudad Guayana	Venezuela	0.1815	814
Patna	India	0.1814	815
Suihua	China	0.1813	816
Aurangabad	India	0.1807	817
Lome	Togo	0.1793	818
Kolhapur	India	0.1786	819
Hegang	China	0.1782	820
Bandar Lampung	Indonesia	0.1779	821
Tirupati	India	0.1777	822
Suzhou (AH)	China	0.1772	823
Konya	Turkey	0.1769	824
Ardabil	Iran	0.1765	825
Suizhou	China	0.1765	826
Brazzaville	Republic of the Congo	0.1764	827
Lu' an	China	0.1761	828
Vellore	India	0.1759	829
Nouakchott	Mauritania	0.1756	830
Pointe-Noire	Republic of the Congo	0.1749	831
Kathmandu	Nepal	0.1747	832
Tongchuan	China	0.1723	833
Rawalpindi	Pakistan	0.1720	834
Lucknow	India	0.1720	835
Baoshan	China	0.1718	836
Jaipur	India	0.1717	837
Kaduna	Nigeria	0.1712	838
Tashkent	Uzbekistan	0.1712	839
Baise	China	0.1711	840
Ulyanovsk	Russia	0.1701	841
Tiruchirappalli	India	0.1690	842
Villavicencio	Colombia	0.1677	843
Nasiriyah	Iraq	0.1674	844
Pontianak	Indonesia	0.1671	845
Tiruppur	India	0.1671	846
Ankang	China	0.1668	847
Dar es Salaam	Tanzania	0.1668	848

Jamshedpur	India	0.1658	849	Shaoyang	China	0.1531	889
Meerut	India	0.1658	850	Yazd	Iran	0.1530	890
Agadir	Morocco	0.1658	851	Vijayawada	India	0.1511	891
Kumasi	Ghana	0.1652	852	Bokaro Steel City	India	0.1500	892
Anshun	China	0.1647	853	Srinagar	India	0.1492	893
Erode	India	0.1638	854	Hechi	China	0.1491	894
Mysore	India	0.1635	855	Vadodara	India	0.1489	895
Siliguri	India	0.1634	856	Bazhong	China	0.1487	896
Sokoto	Nigeria	0.1634	857	Gwalior	India	0.1485	897
Dnipropetrovsk	Ukraine	0.1631	858	Suez	Egypt	0.1484	898
Varanasi	India	0.1627	859	Zhangye	China	0.1483	899
Jammu	India	0.1622	860	Sangali	India	0.1472	900
Shangluo	China	0.1619	861	Saharanpur	India	0.1465	901
Cuttack	India	0.1611	862	Peshawar	Pakistan	0.1463	902
Zahedan	Iran	0.1610	863	Aligarh	India	0.1462	903
Zhongwei	China	0.1609	864	Chandigarh	India	0.1448	904
Kurnool	India	0.1605	865	Odessa	Ukraine	0.1432	905
Lvov	Ukraine	0.1600	866	Durango	Mexico	0.1431	906
Raurkela	India	0.1590	867	Lincang	China	0.1430	907
Madurai	India	0.1588	868	Lubumbashi	Democratic Republic of the Congo	0.1430	908
Jamnagar	India	0.1577	869	Kanpur	India	0.1428	909
Sukkur	Pakistan	0.1571	870	Allahabad	India	0.1425	910
Wuzhong	China	0.1571	871	Indore	India	0.1411	911
Banjarmasin	Indonesia	0.1570	872	Namangan	Uzbekistan	0.1408	912
Bacolod	Philippines	0.1567	873	Cotonou	Benin	0.1394	913
Cherthala	India	0.1566	874	Muzaffarnagar	India	0.1388	914
Rajkot	India	0.1566	875	Sana' a'	Yemen	0.1379	915
Zamboanga	Philippines	0.1560	876	Bhopal	India	0.1378	916
Zaporizhzhya	Ukraine	0.1555	877	Kabul	Afghanistan	0.1370	917
Jambi	Indonesia	0.1554	878	Freetown	Sierra Leone	0.1370	918
Baiyin	China	0.1554	879	Tianshui	China	0.1367	919
Tlaxcala	Mexico	0.1552	880	Yichun (HLJ)	China	0.1365	920
Homs	Syria	0.1552	881	Dhanbad	India	0.1351	921
Sylhet	Bangladesh	0.1548	882	Bareilly	India	0.1340	922
Ranchi	India	0.1545	883	Multan	Pakistan	0.1340	923
Guntur	India	0.1540	884	Salta	Argentina	0.1333	924
Heihe	China	0.1539	885	Hubli-Dharwad	India	0.1313	925
Gujranwala	Pakistan	0.1536	886	Agra	India	0.1312	926
Nashik	India	0.1532	887	Bogra	Bangladesh	0.1292	927
Wuwei	China	0.1531	888	Durgapur	India	0.1288	928



Amravati	India	0.1284	929
Kigali	Rwanda	0.1284	930
Guyuan	China	0.1283	931
Solapur	India	0.1280	932
Monrovia	Liberia	0.1275	933
Maiduguri	Nigeria	0.1273	934
Zanzibar	Tanzania	0.1268	935
Moradabad	India	0.1260	936
Longnan	China	0.1250	937
Aden	Yemen	0.1248	938
Yaounde	Cameroon	0.1247	939
Bulawayo	Zimbabwe	0.1237	940
Bhavnagar	India	0.1232	941
Imphal	India	0.1231	942
Jiuquan	China	0.1224	943
Zhaotong	China	0.1223	944
Najaf	Iraq	0.1222	945
Ajmer	India	0.1218	946
Rangoon	Myanmar	0.1210	947
Vientiane	Laos	0.1208	948
Sekondi	Ghana	0.1207	949
Jabalpur	India	0.1203	950
Zhangjiajie	China	0.1184	951
Niamey	Niger	0.1182	952
Belgaum	India	0.1172	953
Lijiang	China	0.1148	954
Nnewi	Nigeria	0.1148	955
Bien Hoa	Vietnam	0.1146	956
Kayamkulam	India	0.1141	957
Tirunelveli	India	0.1140	958
Dingxi	China	0.1132	959
Mathura	India	0.1130	960
Nyala	Sudan	0.1130	961
Ujjain	India	0.1128	962
Nanded Waghala	India	0.1122	963
Jhansi	India	0.1122	964
Addis Ababa	Ethiopia	0.1120	965
Gulbarga	India	0.1118	966
Sargodha	Pakistan	0.1113	967
Nellore	India	0.1111	968
Puer	China	0.1102	969
Firozabad	India	0.1081	970
Quetta	Pakistan	0.1075	971
Malegaon	India	0.1066	972
Gorakhpur	India	0.1064	973
Warangal	India	0.1043	974
Mwanza	Tanzania	0.1026	975
Bamako	Mali	0.1010	976
Bishkek	Kyrgyzstan	0.1004	977
Blantyre-Limbe	Malawi	0.0978	978
Abomey-Calavi	Benin	0.0963	979
Bikaner	India	0.0911	980
Bouake	Cote d' Ivoire	0.0895	981
Djibouti	Djibouti	0.0886	982
Nay Pyi Taw	Myanmar	0.0884	983
Ouagadougou	Burkina Faso	0.0845	984
Raipur	India	0.0833	985
Antananarivo	Madagascar	0.0802	986
Conakry	Guinea	0.0786	987
Bujumbura	Burundi	0.0781	988
Tshikapa	Democratic Republic of the Congo	0.0755	989
Maputo	Mozambique	0.0747	990
Mogadishu	Somalia	0.0721	991
Lilongwe	Malawi	0.0691	992
Hodeidah	Yemen	0.0668	993
Hargeysa	Somalia	0.0665	994
Mbuji-Mayi	Democratic Republic of the Congo	0.0656	995
Mandalay	Myanmar	0.0648	996
Bobo Dioulasso	Burkina Faso	0.0643	997
Matola	Mozambique	0.0613	998
Kananga	Democratic Republic of the Congo	0.0547	999
Bukavu	Democratic Republic of the Congo	0.0538	1000
Dushanbe	Tajikistan	0.0495	1001
Nampula	Mozambique	0.0369	1002
Bangui	Central African Republic	0.0361	1003
Taiz	Yemen	0.0331	1004
N' Djamena	Chad	0.0183	1005
Kisangani	Democratic Republic of the Congo	0.0000	1006

## Member of the Task Force

### Consultants

Wang Weiguang (Former President of Chinese Academy of Social Sciences)

Maimunah Mohd Sharif (Under Secretary-General of the UN and Executive Director of UN-HABITAT)

Gao Peiyong (Vice President of Chinese Academy of Social Sciences)

He Dexu (Director of National Academy of Economic Strategy, CASS)

Yang Rong (Interregional Adviser of UN-Habitat)

Fan Gang (Vice President of China Society of Economic Reform)

Saskia Sassen (Professor of Columbia University, USA)

Peter Taylor (Director of Globalization and World Cities Research Network)

### Main Authors

Ni Pengfei, Marco Kamiya, Guo Jing, Xu Haidong, Li Bo, Ma Hongfu, Cao Qingfeng, Guo Jinhong, Peng Xuhui, Shen Li, Liu Xiaonan, Zhang Yi, Wang Yufei, Zhang Yangzi, Gong Weijin, Huang Xuliang.

### Statistical Data and Big Data Group

Guo Jinghong, Li Jianquan, Chen Shuai, Wang Xiaodong, Liu Xiaokang, Xing Wentao, Bin Youcai, Hu Min, Hu Xufeng, Luo Zikang, Liu Xingchen, Chen Jie, Liu Jing, Chen Jie, Zhou Kuan, Ouyang Sijian, Chen Haichao, Qin Yige, Tang Keyu.

### Report Coordinators

Huang Jin, Guo Jinghong, Guo Jing, Zhang Yi, Huang Xuliang

---

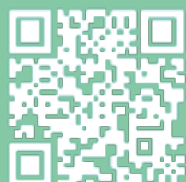
## Contact information

### National Academy of Economic Strategy, CASS

R503, No.1 Dongchang Hutong, Dongcheng District, Beijing, China.

T: +86-10-65268963

E: csjzl2009@163.com



UN-HABITAT



@un-habitat

### United Nations Human Settlements Programme

P.O.Box 30030, Nairobi 00100, Kenya

T: +254-20-76263120

E: [Infohabitat@unhabitat.org](mailto:Infohabitat@unhabitat.org)