



# Report on Sustainable

# Competitiveness of Cities Worldwide

(2018-2019)

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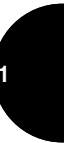


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UN HABITAT  
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# Table of contents

<b>Introduction</b>	<b>4</b>
<b>1. Overall structure: a tripod is taking shape</b>	<b>5</b>
1.1 Global Top 20: Fewer European and U.S. entries, more East Asian new-comers	
1.2 Global Top 200: Asia has the most entries for the first time and a tripod pattern has taken shape	
1.3 On the global level, West Asian cities see clear clustering effect in development and their sustainable competitiveness began to rise	
1.4. On the regional level: Matthew effect in developed cities fades and Asian cities are catching up in all aspects	
1.5 G20: Excellent overall performance, continuous improvement in all aspects, and slight decline in rankings	
<b>2. Regional comparison: the average score of the Top 10 East Asian cities surpassed that of European and North American cities for the first time</b>	<b>11</b>
2.1 Top 10 cities of North America: The overall sustainable competitiveness continued to decline but dominance in global landscape remained	
2.2 Top 10 of Europe: sustainable competitiveness and high-income population increment dropped less than North American peers	
2.3 Top 10 of east Asia: Tokyo leads the world	
2.4 Top 10 of South America: overall sustainable competitiveness did not drop much but gaps widened	
2.5. Top 10 of Africa: Siphon effect enhances African cities' sustainable competitiveness	
<b>3. Selected countries: Indian cities saw the largest strides up</b>	<b>16</b>
3.1 India: Sustainable competitiveness improved greatly and gaps narrowed	
3.2 China: Sustainable competitiveness increased, rankings improved, and gaps narrowed	
3.3 Nigeria: The overall decline was the largest in the world and gaps continued to widen	
3.4 Brazil: The overall sustainable competitiveness declined slightly with a generally diverging trend	
3.5 United States: The overall sustainable competitiveness declined, the rankings went down, and gaps widened slightly	
3.6 Germany: The overall competitiveness is high, and the high-income population density is the highest in the world	
<b>4. Conclusions</b>	<b>21</b>
<b>Appendix</b>	<b>22</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.

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## Introduction

Since 2016, while innovation's contribution to global economic growth has significantly increased, innovations have also become more widespread in the world with multiple poles and the impact of Asian countries on the global pattern of innovations has been growing. With the transfer of some R&D and innovation activities to developing countries such as China, Brazil and India, the sustainable competitiveness of emerging economies improved significantly. It is worth noting, though, that while the global innovation landscape will continue to be dominated

by developed countries in North America and West Europe, but a new global landscape of innovation offers opportunities for China, India and other emerging countries to bring in advanced economic factors and pool resources from across the world for innovation. It also lays an important foundation for the transformation and development of Chinese and Indian cities and for the overall improvement of their sustainable competitiveness, changing the overall structure of the sustainable competitiveness of cities worldwide.



## 1

# Overall structure: a tripod is taking shape

## 1.1 Global Top 20: Fewer European and U.S. entries, more East Asian new-comers

As we can see in the global rankings by sustainable competitiveness provided in this report, the Top 20 cities of the world have changed slightly from the previous report. The rankings of five long-time leaders, i.e. Munich, Stuttgart, Stockholm, Frankfurt and Boston and Philadelphia dropped

slightly, while East Asian cities such as Seoul, Shenzhen and Taipei continued to rise. The world rankings by high-income population increment generally remained stable, yet the overall economic density of U.S. cities dropped significantly.

**Table 1 Top 20 cities of the world and changes in their world rankings**

City	Country	Continent	Sustainable competitiveness		High-income population density		High-income population increment	
			Ranking	Change	Ranking	Change	Ranking	Change
Tokyo	Japan	Asia	1	0	1	0	11	0
Singapore	Singapore	Asia	2	0	10	0	1	0
New York	U.S.A.	N. America	3	0	2	0	46	-5
London	U.K.	Europe	4	0	6	0	21	0
Paris	France	Europe	5	0	4	0	39	0
Hong Kong	China	Asia	6	0	22	-1	3	0
San Francisco	U.S.A.	N. America	7	0	8	0	33	1
Osaka	Japan	Asia	8	0	5	0	85	0
Barcelona	Spain	Europe	9	0	24	0	10	-1
Chicago	U.S.A.	N. America	10	0	7	0	91	-3
Seoul	Republic of Korea	Asia	11	8	11	3	66	2
Madrid	Spain	Europe	12	2	15	2	42	1
Munich	Germany	Europe	13	-2	59	-6	2	0
Stuttgart	Germany	Europe	14	-2	51	-8	4	0
Shenzhen	China	Asia	15	2	37	1	9	1
Stockholm	Sweden	Europe	15	-2	25	0	19	0
Moscow	Russia	Europe	16	1	23	3	23	-1
Los Angeles	U.S.A.	N. America	17	3	3	0	205	-2
Frankfurt am Main	Germany	Europe	18	-2	48	1	7	0
Boston	U.S.A.	N. America	19	-4	14	-2	65	0
Philadelphia	U.S.A.	N. America	20	-2	13	0	68	-1

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences

## 1.2 Global Top 200: Asia has the most entries for the first time and a tripod pattern has taken shape

As a result of the overall improvement in the rankings by sustainable competitiveness of Asian cities, Asia had 71 entries in the world's Top 200 cities, which is higher than North America, Oceania and Africa combined. Up

to 94 Asian cities are among the global Top 200 by high-income population increment, nearly half of the total, but there is still much room for improvement in terms of high-income population density.

**Table 2 Distribution of Top 200 cities of the world by continent**

	N. America	Oceania	Africa	S. America	Europe	Asia
Sustainable competitiveness	56	6	2	9	56	71
High-income population increment	52	6	2	9	37	94
High-income population density	52	6	1	11	67	63

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences

## 1.3 On the global level, West Asian cities see clear clustering effect in development and their sustainable competitiveness began to rise

For the year 2018, the sustainable competitiveness of cities worldwide as a whole declines slightly and the general trend is a diverging one. The growth of high-income population increment sped up, while the

increase in high-income population density is seen in some clusters. Table 3 gives descriptive statistics on the sustainable competitiveness of 1,006 cities worldwide.

**Table 3 Descriptive statistics of sustainable competitiveness of 1,006 cities worldwide**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.432	0.434	-10.7	0.31	0.313	-10.1	0.486	0.488	-10.8
Standard deviation	0.083	0.083	10.177	0.125	0.124	7.81	0.058	0.059	5.35
Coefficient of variation	0.193	0.192	-0.951	0.402	0.397	-0.773	0.119	0.12	-0.495
Sample size	1,006	1,006	1,006	1,006	1,006	1,006	1,006	1,006	1,006

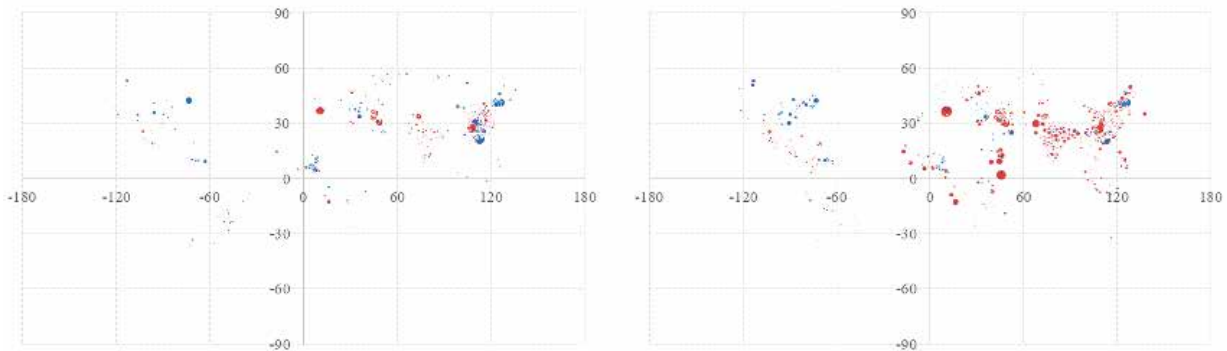
Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences

Table 3 shows that the average sustainable competitiveness score of cities worldwide decreased slightly from the 0.434 of 2017 to the 0.432 of 2018, the average high-income population increment score decreased from the 0.313 of 2017 to the 0.31 of 2018, and the average high-income population density score fell from the 0.488 of 2017 to the 0.486 of 2018. Meanwhile, the coefficients of variation for sustainable competitiveness was up from the 0.192 of 2017 to the 0.193 of 2018, that for high-income population increment was up from the 0.397 of 2017 to the 0.402 of 2018, and that for high-income population density fell slightly from the 0.12 of 2017 to the 0.119 of 2018.

Figure 1 is given below to present a more intuitive picture of changes in the global rankings by sustainable competitiveness and changes in the standardization index.

It can be seen that the rankings of cities worldwide by sustainable competitiveness changed very mildly from the previous report. North and South American cities remained relatively stable on the list, while West Asian cities moved up slightly. At the same time, in terms of the cities' standardization index, the rankings of Asian cities improved significantly, while cities in most other regions of the world remained stable in their rankings.

**Figure 1 Changes in the global rankings of cities worldwide by sustainable competitiveness (left) and the corresponding standardization index (right)**

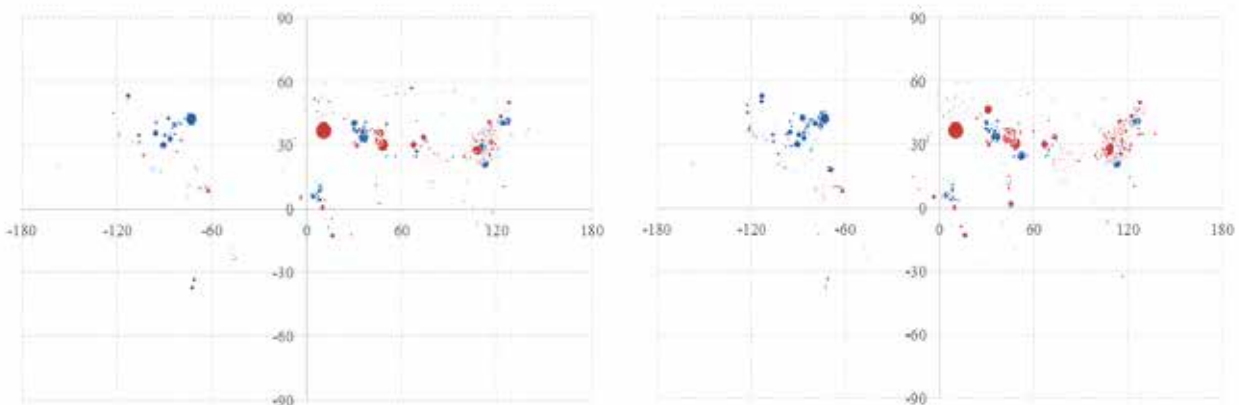


Note: Red indicates positive change in ranking while blue indicates negative change, and the bigger the dot the greater the change of ranking. The same below

Figure 2 shows changes in global rankings by high-income population increment and the corresponding standardization index. It can be seen that the changes in the rankings by high-income population increment remained relatively stable, with upward moves seen only in parts of China

and a few cities in West Asia and East Europe. As for changes in the standardization index, North American cities largely maintained their positions, while the sustainable competitiveness of cities in the eastern and central regions has improved significantly.

**Figure 2 Changes in the global rankings by high-income population increment (left) and the corresponding standardization index (right)**







Oceania									
Mean	0.572	0.573	-0.857	0.446	0.449	-3.429	0.608	0.608	-3.429
Standard deviation	0.087	0.088	2.795	0.152	0.152	4.353	0.055	0.056	1.988
Coefficient of variation	0.152	0.153	-3.26	0.341	0.338	-1.27	0.09	0.092	-0.58
Min	0.446	0.447	-5	0.175	0.179	-12	0.5	0.499	-6
Max	0.705	0.706	3	0.641	0.643	1	0.658	0.66	-1
Sample size	7	7	7	7	7	7	7	7	7
Africa									
Mean	0.194	0.19	-3.745	0.1	0.099	-1.235	0.257	0.251	-3.882
Standard deviation	0.103	0.103	22.394	0.077	0.075	26.925	0.125	0.125	21.38
Coefficient of variation	0.533	0.541	-5.98	0.771	0.763	-21.797	0.486	0.498	-5.507
Min	0	0	-53	0	0	-68	0	0	-63
Max	0.529	0.521	92	0.345	0.338	164	0.629	0.624	48
Sample size	102	102	102	102	102	102	102	102	102
South America									
Mean	0.332	0.332	-8.547	0.214	0.215	-5.08	0.398	0.397	-10.16
Standard deviation	0.112	0.113	12.853	0.112	0.112	13.575	0.118	0.12	14.225
Coefficient of variation	0.337	0.341	-1.504	0.524	0.521	-2.672	0.297	0.302	-1.4
Min	0.111	0.111	-45	0.015	0.015	-40	0.09	0.09	-61
Max	0.666	0.665	14	0.593	0.592	44	0.635	0.636	15
Sample size	75	75	75	75	75	75	75	75	75
Europe									
Mean	0.436	0.436	-6.024	0.273	0.275	-6.77	0.531	0.53	-5.984
Standard deviation	0.176	0.176	11.009	0.143	0.143	10.743	0.215	0.216	11.258
Coefficient of variation	0.403	0.404	-1.828	0.524	0.52	-1.587	0.406	0.408	-1.881
Min	0.135	0.131	-32	0.05	0.048	-39	0.133	0.127	-37
Max	0.858	0.861	37	0.844	0.847	30	0.931	0.933	25
Sample size	126	126	126	126	126	126	126	126	126
Asia									
Mean	0.302	0.294	4.623	0.201	0.197	4.835	0.355	0.345	4.612
Standard deviation	0.142	0.143	21.805	0.13	0.13	21.522	0.149	0.151	23.667
Coefficient of variation	0.47	0.488	4.717	0.646	0.657	4.451	0.418	0.437	5.131
Min	0.02	0.012	-168	0	0	-107	0.037	0.022	-179
Max	1	1	108	1	1	118	1	1	107
Sample size	565	565	565	565	565	565	565	565	565

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

As can be seen from Table 4, the sustainable competitiveness of cities in North America generally declined and their rankings also fell. The average high-income population increment of North American, South American and European cities also declined to varying degrees, and the rankings dropped slightly as a result. At the same time, the gaps between cities continued to expand. In comparison, the sustainable competitiveness,

average high-income population increment and average high-income population density of Asian cities improved to varying degrees, which led to an overall improvement in Asian cities' rankings and narrower gaps between them. The sustainable competitiveness of African cities improved slightly. Therefore, the Matthew effect of high sustainable competitiveness of Western cities is fading, while emerging cities in Asia are catching up.

## 1.5 G20: Excellent overall performance, continuous improvement in all aspects, and slight decline in rankings

The overall sustainable competitiveness of cities in G20 countries is excellent, and improvements are seen also in high-income population increment and high-income population density. However, affected by the overall situation of Western cities, the rankings

of G20 cities by sustainable competitiveness, high-income population increment and high-income population density all declined slightly. Table 5 gives descriptive statistics of the sustainable competitiveness of G20 cities.

**Table 5 Descriptive statistics of the sustainable competitiveness of G20 cities**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.36	0.356	-0.543	0.243	0.242	-0.865	0.421	0.415	-0.536
Standard deviation	0.159	0.161	19.563	0.146	0.147	19.094	0.172	0.175	21.141
Coefficient of variation	0.44	0.452	-36.053	0.602	0.608	-22.082	0.408	0.421	-39.452
Min	0.092	0.086	-168	0.008	0.01	-116	0.077	0.075	-179
Max	1	1	108	1	1	100	0.931	0.933	107
Sample size	739	739	739	739	739	739	739	739	739

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

Table 5 shows that the average sustainable competitiveness, high-income population increment and high-income population density of G20 cities

all improved slightly, specifically from 0.356, 0.242 and 0.415 in 2017 to 0.36, 0.243 and 0.421 in 2018, respectively, but their rankings by all these indicators

somewhat dropped. At the same time, the differences in sustainable competitiveness, high-income population increment, and high-income population

density among these cities narrowed, with the coefficients of variation down from 0.452, 0.608, and 0.421 to 0.44, 0.602, and 0.408, respectively.

## 2 Regional comparison: the average score of the Top 10 East Asian cities surpassed that of European and North American cities for the first time

### 2.1 Top 10 cities of North America: The overall sustainable competitiveness continued to decline but dominance in global landscape remained

Affected by the overall decline in the sustainable competitiveness of North American cities on the whole, the sustainable competitiveness of the Top 10 cities of North America and their rankings in

the world also showed a downward trend. Table 6 gives descriptive statistics of the sustainable competitiveness of the Top 10 cities of North America.

**Table 6 Descriptive statistics of the sustainable competitiveness of the Top 10 North American cities**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.759	0.763	-0.8	0.733	0.738	-0.1	0.667	0.671	-3.5
Standard deviation	0.068	0.069	1.135	0.11	0.11	0.994	0.071	0.071	4.17
Coefficient of variation	0.09	0.09	-1.419	0.149	0.149	-9.944	0.106	0.106	-1.191
Min	0.675	0.676	-2	0.634	0.633	-2	0.533	0.535	-13
Max	0.923	0.927	1	0.971	0.975	2	0.751	0.754	2
Sample size	10	10	10	10	10	10	10	10	10

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

From Table 6, it can be seen that compared to 2017, the average sustainable competitiveness, high-income population increment, and high-income population

density of the Top 10 North American cities in 2018 decreased by 0.004, 0.005, and 0.004 point, respectively, but the coefficient of variation did not change.

## 2.2 Top 10 of Europe: sustainable competitiveness and high-income population increment dropped less than North American peers

Affected by the overall decline in the sustainable competitiveness of European and North American cities, the sustainable competitiveness and the high-income population increment of the Top 10 European

cities declined, but not as much as North American cities. Table 7 gives descriptive statistics of the sustainable competitiveness of the Top 10 European cities.

**Table 7 Descriptive statistics of the sustainable competitiveness of the Top 10 European cities**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.773	0.774	0.2	0.6	0.601	-0.2	0.826	0.826	-0.1
Standard deviation	0.048	0.049	0.632	0.133	0.133	1.398	0.068	0.068	0.568
Coefficient of variation	0.062	0.063	3.162	0.221	0.221	-6.992	0.082	0.082	-5.676
Min	0.725	0.722	-1	0.435	0.441	-3	0.735	0.732	-1
Max	0.858	0.861	1	0.844	0.847	2	0.931	0.933	1
Sample size	10	10	10	10	10	10	10	10	10

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

As can be seen, the global rankings of the Top 10 European cities improved slightly. In 2018, the average sustainable competitiveness of the Top 10 European cities and the average high-income population increment decreased by 0.001 and 0.01, respectively, but their average high-income population density did

not change. A change in the general trend is that the gaps between the Top 10 European cities by sustainable competitiveness narrowed with a coefficient of variation down from 0.063 to 0.062, but gaps in terms of high-income population increment and high-income population density did not change.

## 2.3 Top 10 of east Asia: Tokyo leads the world

Thanks to the overall improvement of the sustainable competitiveness of East Asian cities, Tokyo became the most sustainable city in the world. At the same time, East Asian cities' rankings by sustainable competitiveness, high-

income population increment and high-income population density all improved to varying degrees. Table 8 gives descriptive statistics of the sustainable competitiveness of the Top 10 cities in East Asia.

**Table 8 Descriptive statistics of the sustainable competitiveness of the Top 10 North Asian cities**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.808	0.805	0.667	0.675	0.674	0.111	0.814	0.811	1
Standard deviation	0.104	0.106	0.707	0.174	0.175	2.088	0.106	0.108	2.398
Coefficient of variation	0.128	0.132	1.061	0.258	0.259	18.795	0.131	0.133	2.398
Min	0.68	0.678	0	0.456	0.456	-4	0.668	0.67	-1
Max	1	1	2	1	1	4	1	1	7
Sample size	10	10	10	10	10	10	10	10	10

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

It can be seen from Table 8 that, unlike the situation of North American cities, East Asian cities improved on all three indicators, the gaps between cities tended to narrow, and the overall rankings improved significantly. East Asian cities' scores for sustainable

competitiveness, high-income population increment, and high-income population density increased by 0.003, 0.001, and 0.003 respectively in 2018, and the coefficients of variation decreased by 0.004, 0.001, and 0.002, respectively.



## 2.4 Top 10 of South America: overall sustainable competitiveness did not drop much but gaps widened

The overall sustainable competitiveness of South American cities did not drop much but the gaps between these cities widened and the overall rankings declined. Table 9 gives descriptive statistics of the sustainable competitiveness of the Top 10 cities of South America.

**Table 9 Descriptive statistics of the sustainable competitiveness of the Top 10 South American cities**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.532	0.533	-3	0.42	0.42	1.4	0.561	0.565	-8.2
Standard deviation	0.071	0.067	9.821	0.118	0.118	9.766	0.04	0.038	14.351
Coefficient of variation	0.133	0.127	-3.274	0.282	0.282	6.976	0.071	0.068	-1.75
Min	0.45	0.464	-21	0.273	0.263	-14	0.496	0.516	-39
Max	0.666	0.665	6	0.593	0.592	24	0.635	0.636	6
Sample size	10	10	10	10	10	10	10	10	10

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

Table 9 shows that the overall competitiveness of the Top 10 cities of South America declined slightly, and their world rankings by sustainable competitiveness, high-income population increment and high-income population density all went down. The sustainable competitiveness score dropped from 0.533 to 0.532,

and the average high-income population density dropped from 0.565 to 0.561. The score of high-income population increment did not change. However, the coefficients of variation went up by 0.005 and 0.003 respectively, so the gaps between cities widened.



## 2.5. Top 10 of Africa: Siphon effect enhances African cities' sustainable competitiveness

The sustainable competitiveness of the Top 10 cities of Africa improved significantly, and their rankings in the world also improved sharply. However, the continent on the whole is moving fast towards polarization of its cities. Table 10 gives descriptive statistics of the sustainable competitiveness of the Top 10 cities of Africa.

**Table 10 Descriptive statistics of the sustainable competitiveness of the Top 10 African cities**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.41	0.405	4.2	0.26	0.257	0.6	0.496	0.49	2.3
Standard deviation	0.058	0.056	13.831	0.071	0.069	15.457	0.058	0.057	11.036
Coefficient of variation	0.141	0.138	3.293	0.275	0.27	25.762	0.118	0.116	4.798
Min	0.34	0.332	-26	0.11	0.108	-32	0.43	0.427	-19
Max	0.529	0.521	27	0.345	0.338	25	0.629	0.624	21
Sample size	10	10	10	10	10	10	10	10	10

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

As can be seen from Table 10, the sustainable competitiveness, high-income population increment and high-income population density of African cities all improved significantly, with the average values up by 0.005, 0.003, and 0.006, respectively; but the coefficients of variation also increased by 0.003, 0.005, and 0.002, showing a clear siphon effect.



## 3 Selected countries: Indian cities saw the largest strides up

### 3.1 India: Sustainable competitiveness improved greatly and gaps narrowed

Compared with cities in other countries and regions, Indian cities saw the largest increases in sustainable competitiveness, moving fast up the global rankings,

and the gaps between the cities narrowed significantly. Table 11 is descriptive statistics of the sustainable competitiveness of the Top 10 cities of India.

**Table 11 Descriptive statistics of the sustainable competitiveness of the Top 10 Indian cities**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.324	0.309	24.1	0.137	0.131	14.8	0.461	0.439	31.3
Standard deviation	0.055	0.055	3.542	0.046	0.045	8.27	0.068	0.068	9.821
Coefficient of variation	0.171	0.178	0.147	0.337	0.341	0.559	0.148	0.156	0.314
Min	0.271	0.255	19	0.085	0.08	3	0.356	0.333	15
Max	0.435	0.418	31	0.211	0.203	26	0.592	0.568	44
Sample size	10	10	10	10	10	10	10	10	10

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

As can be seen from Table 11, the average sustainable competitiveness of the Top 10 cities of India increased by 0.015, the average high-income population increment increased was up by 0.006, and the high-income population density increased by 0.008. It is worth noting that the coefficient of variation for

sustainable competitiveness of the Top 10 cities of India decreased by 0.007, that for high-income population increment decreased by 0.004, and that for high-income population density decreased by 0.008, showing narrowed gaps between cities, which is quite rare.

## 3.2 China: Sustainable competitiveness increased, rankings improved, and gaps narrowed

China's Top 10 cities saw their sustainable competitiveness increase by a margin that is smaller only than those seen by Indian peers. Their overall rankings improved, and the gaps between the cities narrowed. Table 12 gives descriptive statistics of the sustainable competitiveness of the Top 10 cities of China.

**Table 12 Descriptive statistics of the sustainable competitiveness of the Top 10 Chinese cities**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.675	0.669	2.3	0.527	0.524	0.7	0.717	0.711	2.7
Standard deviation	0.09	0.091	4.244	0.064	0.064	2.946	0.111	0.113	4.423
Coefficient of variation	0.133	0.135	1.845	0.122	0.122	4.208	0.155	0.158	1.638
Min	0.57	0.576	-7	0.446	0.442	-4	0.582	0.587	-7
Max	0.855	0.855	9	0.658	0.658	4	0.919	0.919	7
Sample size	10	10	10	10	10	10	10	10	10

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

As can be seen from Table 12, the rankings of the Top 10 Chinese cities by sustainable competitiveness, high-income population increment and high-income population density all improved. The average sustainable competitiveness, high-income population increment and high-income population density was up by 0.006, 0.003, and 0.006, respectively, higher than European and North American cities, but lower than Indian cities. The coefficients of variation for the first and the last indicators decreased by 0.002 and 0.003, respectively, while that for high-income population increment did change, showing narrower gaps between the cities.



### 3.3 Nigeria: The overall decline was the largest in the world and gaps continued to widen

As a relatively underdeveloped region in the world, the overall sustainable competitiveness of Nigerian cities dropped significantly, and so did their rankings in the world. The gaps between Nigerian cities continued to widen. Table 13 gives descriptive statistics of the sustainable competitiveness of the Top 10 cities of Nigeria.

**Table 13 Descriptive statistics of the sustainable competitiveness of the Top 10 Nigerian cities**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.264	0.275	-38	0.132	0.143	-39.2	0.355	0.364	-34
Standard deviation	0.053	0.055	8.589	0.068	0.071	17.1	0.037	0.037	9.499
Coefficient of variation	0.201	0.2	-0.226	0.516	0.495	-0.436	0.103	0.102	-0.279
Min	0.218	0.225	-53	0.062	0.073	-68	0.31	0.317	-46
Max	0.382	0.395	-26	0.268	0.282	-22	0.436	0.446	-19
Sample size	10	10	10	10	10	10	10	10	10

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

As can be seen from Table 13, the sustainable competitiveness, high-income population increment, and high-income population density of top Nigerian cities declined across the board, falling by 0.011, 0.011, and 0.009 respectively, the largest drops in the world. At the same time, the coefficients of variation increased by 0.001, 0.021, and 0.001, respectively, showing that the gaps between these cities continued to expand.

### 3.4 Brazil: The overall sustainable competitiveness declined slightly with a generally diverging trend

The overall sustainable competitiveness of the Top 10 cities of Brazil declined slightly, and the trend is divergence across different cities. Table 14 gives a descriptive statistics of the sustainable competitiveness of the Top 10 Brazilian cities.



**Table 14 Descriptive statistics of the sustainable competitiveness of the Top 10 Brazilian cities**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.432	0.434	-10.7	0.31	0.313	-10.1	0.486	0.488	-10.8
Standard deviation	0.083	0.083	10.177	0.125	0.124	7.81	0.058	0.059	5.35
Coefficient of variation	0.193	0.192	-0.951	0.402	0.397	-0.773	0.119	0.12	-0.495
Min	0.355	0.355	-29	0.158	0.163	-24	0.383	0.386	-18
Max	0.613	0.617	1	0.566	0.571	-1	0.564	0.569	-3
Sample size	10	10	10	10	10	10	10	10	10

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

As can be seen from Table 14, the average sustainable competitiveness of Brazilian cities decreased by 0.002, the average high-income population increment decreased by 0.003, and the average high-income population density decreased by 0.002. These are relatively small drops. At the same time, the coefficients of variation for the first two indicators increased by 0.001 and 0.005, respectively, showing a trend of divergence.

### 3.5 United States: The overall sustainable competitiveness declined, the rankings went down, and gaps widened slightly

Ranking higher than their peers in all other countries, the Top 10 U.S. cities saw their sustainable competitiveness decrease, and their rankings drop on the whole. The gaps between these cities also expanded slightly. Table 15 gives descriptive statistics of the sustainable competitiveness of the Top 10 U.S. cities.

**Table 15 Descriptive statistics of the sustainable competitiveness of the Top 10 U.S. cities**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.753	0.758	-1.3	0.708	0.715	-1.2	0.68	0.684	-3.2
Standard deviation	0.074	0.073	1.703	0.151	0.148	3.584	0.088	0.089	4.237
Coefficient of variation	0.098	0.096	-1.31	0.214	0.207	-2.987	0.129	0.13	-1.324
Min	0.668	0.676	-5	0.397	0.418	-11	0.533	0.535	-13
Max	0.923	0.927	1	0.971	0.975	2	0.835	0.842	2
Sample size	10	10	10	10	10	10	10	10	10

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

As can be seen from Table 15, the average sustainable competitiveness, high-income population increment, and high-income population density of top U.S. cities all declined, falling by 0.005, 0.007, and 0.004 respectively, second only to the drops of Nigerian cities. At the same time, the gaps between these cities in terms of sustainable competitiveness and high-income population density both widened, as the coefficients of variation rose by 0.002 and 0.007, respectively.

### 3.6 Germany: The overall competitiveness is high, and the high-income population density is the highest in the world

The overall sustainable competitiveness of German cities is only lower than that of cities in the United States and China. Their rankings fluctuated slightly and the trend for high-income population increment diverged. Table 16 gives descriptive statistics of the sustainable competitiveness of the Top 10 German cities.

**Table 16 Descriptive statistics of the sustainable competitiveness of the Top 10 German cities**

Parameter	Sustainable competitiveness 2018	Sustainable competitiveness 2017	Ranking change	High-income population increment 2018	High-income population increment 2017	Ranking change	High-income population density 2018	High-income population density 2017	Ranking change
Mean	0.654	0.656	-0.3	0.365	0.369	-6.9	0.841	0.841	0.1
Standard deviation	0.09	0.09	1.567	0.129	0.128	8.478	0.063	0.064	0.568
Coefficient of variation	0.138	0.138	-5.223	0.353	0.347	-1.229	0.074	0.076	5.676
Min	0.521	0.522	-3	0.175	0.179	-25	0.715	0.713	-1
Max	0.764	0.766	3	0.515	0.516	0	0.931	0.933	1
Sample size	10	10	10	10	10	10	10	10	10

Source: Urban and Competitiveness Research Center, Chinese Academy of Social Sciences.

As can be seen, the average sustainable competitiveness of German cities for the year 2018 is 0.654, lower only than the 0.753 of U.S. cities and the 0.675 of Chinese cities. The high-income population density of German

cities is also lower than the 0.708 of the U.S. cities and the 0.527 of Chinese cities. However, German cities had the highest high-income population density in the world, which is greater than China's 0.717.

## 4

## Conclusions

Through comparisons between 1,006 sample cities around the world, between different regions, and across cities in some selected countries, we reached the following conclusions:

First, a tripod structure has taken shape in terms of the sustainable competitiveness of cities worldwide. Among the Top 200 cities of the world by sustainable competitiveness, Asia has 71 entries, ranking first among all continents, Asia also contributed 94 cities to the global rankings by high-income population increment and 63 cities to the Top 200 by high-income population density. A multi-center pattern thus took form.

Second, the sustainable competitiveness and high-income population density of the Top 10 cities of East Asia surpassed those of top European and the North American cities for the first time. For the year 2018, the average sustainable competitiveness of the Top 10 cities of East Asia stands at 0.808 and the score for high-income population density is 0.814, higher than the corresponding figures of top European and North American cities. At the same time, the gaps between in terms of high-income population increment between Northeast Asia, Europe and North America also narrowed.

Third, the Top 10 cities of India saw the largest increases in their sustainable competitiveness. For the year 2018, the average competitiveness, high-income population increment, and high-income population density of the Top 10 Indian cities increased by 0.015, 0.006, and 0.006, respectively, the largest strides up globally, and their overall rankings also rose. At the same time, the gap between these Indian cities narrowed.

# Appendix

## Sustainable Competitiveness Rankings of Cities Worldwide, 2018–2019

City	Country	Score	Ranking	City	Country	Score	Ranking
Tokyo	Japan	1	1	Berlin	Germany	0.7559	24
Singapore	Singapore	0.9671	2	Houston	U.S.A.	0.7526	26
New York-Newark	U.S.A.	0.9338	3	Melbourne	Australia	0.7405	27
London	U.K.	0.8925	4	Shanghai	China	0.7334	28
Paris	France	0.8756	5	Rome	Italy	0.732	29
Hong Kong	China	0.8729	6	Manchester	U.K.	0.7155	30
San Francisco	U.S.A.	0.851	7	Seattle	U.S.A.	0.7139	31
Osaka	Japan	0.8358	8	Cleveland	U.S.A.	0.7123	32
Barcelona	Spain	0.8275	9	San Jose	U.S.A.	0.7114	33
Chicago	U.S.A.	0.8122	10	Atlanta	U.S.A.	0.7098	34
Seoul	Republic of Korea	0.7983	11	Hamburg	Germany	0.705	35
Madrid	Spain	0.7953	12	Vienna	Austria	0.7042	36
Munich	Germany	0.795	13	Hiroshima	Japan	0.7038	37
Stuttgart	Germany	0.795	14	Birmingham	U.K.	0.7015	38
Shenzhen	China	0.7543	15	Milan	Italy	0.7005	39
Stockholm	Sweden	0.7936	15	Montreal	Canada	0.6993	40
Moscow	Russia	0.7934	16	Dallas-Fort Worth	U.S.A.	0.699	41
Los Angeles-Long Beach-Santa Ana	U.S.A.	0.7898	17	Beijing	China	0.6967	42
Frankfurt am Main	Germany	0.7833	18	Tel Aviv-Yafo	Israel	0.6902	43
Boston	U.S.A.	0.7817	19	Zurich	Switzerland	0.69	44
Philadelphia	U.S.A.	0.7773	20	Sydney	Australia	0.6899	45
Toronto	Canada	0.7697	21	Baltimore	U.S.A.	0.6875	46
Taipei	China	0.7688	22	Nagoya	Japan	0.6874	47
Miami	U.S.A.	0.7584	23	Hannover	Germany	0.6864	48

Denver-Aurora	U.S.A.	0.6861	49	Milwaukee	U.S.A.	0.6095	89
Buenos Aires	Argentina	0.6813	50	Gwangju	Republic of Korea	0.607	90
Kitakyushu-Fukuoka	Japan	0.6803	51	Malaga	Spain	0.6061	91
Copenhagen	Denmark	0.6786	52	Xiamen	China	0.6046	92
Amsterdam	Netherlands	0.6773	53	Busan	Republic of Korea	0.6041	93
Salt Lake City	U.S.A.	0.6749	54	San Jose	Costa Rica	0.6037	94
Guangzhou	China	0.6707	55	Las Vegas	U.S.A.	0.6026	95
Perth	Australia	0.6701	56	Glasgow	U.K.	0.602	96
Incheon	Republic of Korea	0.6694	57	Tianjin	China	0.6011	97
San Diego	U.S.A.	0.6692	58	Dortmund	Germany	0.5995	98
Raleigh	U.S.A.	0.6691	59	Naples	Italy	0.5955	99
Washington, D.C.	U.S.A.	0.6674	60	Daegu	Republic of Korea	0.5952	100
Vancouver	Canada	0.6656	61	Louisville	U.S.A.	0.5951	101
Kuala Lumpur	Malaysia	0.6649	62	Adelaide	Australia	0.5929	102
Brussels	Belgium	0.6633	63	Dubai	#N/A	0.5927	103
Detroit	U.S.A.	0.6568	64	Santiago de Chile	Chile	0.5912	104
Suzhou	China	0.6566	65	Athens	Greece	0.5891	105
Orlando	U.S.A.	0.6563	66	Riyadh	Saudi Arabia	0.5883	106
Valencia	Spain	0.6546	67	Essen	Germany	0.5878	107
West Yorkshire	U.K.	0.6531	68	Foshan	China	0.5834	108
Cologne	Germany	0.6524	69	Pretoria	South Africa	0.5817	109
Geneva	Switzerland	0.6499	70	Taichung	China	0.5809	110
Austin	U.S.A.	0.6457	71	Dresden	Germany	0.58	111
Helsinki	Finland	0.6435	72	Auckland	New Zealand	0.5767	112
Bridgeport-Stamford	U.S.A.	0.6396	73	Calgary	Canada	0.5759	113
Richmond	U.S.A.	0.6386	74	Hangzhou	China	0.5745	114
Daejeon	Republic of Korea	0.638	75	Virginia Beach	U.S.A.	0.5741	115
Jerusalem	Israel	0.6379	76	Brisbane	Australia	0.5735	116
Istanbul	Turkey	0.6341	77	Wuxi	China	0.5734	117
Ulsan	Republic of Korea	0.634	78	Saint Petersburg	Russia	0.5703	118
Doha	Qatar	0.6296	79	Wuhan	China	0.5699	119
Hartford	U.S.A.	0.6289	80	Dongguan	China	0.5697	120
Columbus	U.S.A.	0.626	81	Dusseldorf	Germany	0.5696	121
Haifa	Israel	0.622	82	Qingdao	China	0.5686	122
Sao Paulo	Brazil	0.6219	83	Chengdu	China	0.5685	123
Nanjing	China	0.6218	84	Tampa-St. Petersburg	U.S.A.	0.5683	124
Phoenix-Mesa	U.S.A.	0.6168	85	Zaragoza	Spain	0.5668	125
Antwerp	Belgium	0.6167	86	Lyon	France	0.5663	126
Sapporo	Japan	0.6167	87	New Haven	U.S.A.	0.5659	127
Mexico City	Mexico	0.6099	88	Worcester	U.S.A.	0.5646	128



Bogota	Colombia	0.5634	129
Lille	France	0.5634	130
Leipzig	Germany	0.562	131
Dublin	Ireland	0.5611	132
Kaohsiung	China	0.56	133
Lima	Peru	0.5587	134
Hamilton	Canada	0.5569	135
Belfast	U.K.	0.5563	136
Liege	Belgium	0.5536	137
Colorado Springs	U.S.A.	0.5529	138
Nashville-Davidson	U.S.A.	0.5524	139
Charlotte	U.S.A.	0.5521	140
Medina	Saudi Arabia	0.5506	141
Zhongshan	China	0.5497	142
Buffalo	U.S.A.	0.5493	143
Torino	Italy	0.5487	144
Hague, The	Netherlands	0.5486	145
Changsha	China	0.5479	146
Ningbo	China	0.5452	147
Minneapolis-Saint Paul	U.S.A.	0.5429	148
Macao	China	0.5427	149
Astana	Kazakhstan	0.5415	150
San Antonio	U.S.A.	0.5405	151
Rio de Janeiro	Brazil	0.5396	152
Jedda	Saudi Arabia	0.5389	153
Sendai	Japan	0.5382	154
Rotterdam	Netherlands	0.5376	155
Provo-Orem	U.S.A.	0.5376	156
Beirut	Lebanon	0.5354	157
Changzhou	China	0.5339	158
Oslo	Norway	0.5329	159
Lisbon	Portugal	0.5311	160
Baton Rouge	U.S.A.	0.5295	161
San Juan	Puerto Rico	0.529	162
Venice	Italy	0.5279	163
Zhengzhou	China	0.5269	164
Hefei	China	0.5255	165
Leicester	U.K.	0.5246	166
Shizuoka-Hamamatsu M.M.A.	Japan	0.5245	167
New Orleans	U.S.A.	0.5245	168

Providence	U.S.A.	0.5234	169
Verona	Italy	0.5224	170
Tainan	China	0.5219	171
Ottawa-Gatineau	Canada	0.5193	172
Yantai	China	0.5186	173
Pittsburgh	U.S.A.	0.5177	174
Tehran	Iran	0.5165	175
Gold Coast	Australia	0.5159	176
Bangkok	Thailand	0.5148	177
Indianapolis	U.S.A.	0.5145	178
Johannesburg	South Africa	0.5143	179
Honolulu	U.S.A.	0.5136	180
Budapest	Hungary	0.5134	181
Bologna	Italy	0.5133	182
Sofia	Bulgaria	0.511	183
Ahvaz	Iran	0.5108	184
Barcelona-Puerto La Cruz	Venezuela	0.5106	185
Amman	Jordan	0.51	186
Kansas City	U.S.A.	0.5098	187
Toulouse	France	0.5089	188
Jinan	China	0.5081	189
Montevideo	Uruguay	0.5069	190
Oklahoma City	U.S.A.	0.5066	191
Ogden	U.S.A.	0.5063	192
Florence	Italy	0.5059	193
Xi' an	China	0.5052	194
Dalian	China	0.5051	195
Johor Bahru	Malaysia	0.5047	196
Marseille-Aix-en-Provence	France	0.5044	197
Leon	Mexico	0.5005	198
Zhuhai	China	0.5004	199
Porto	Portugal	0.4994	200
Zhenjiang	China	0.4986	201
Liverpool	U.K.	0.4959	202
Charleston-North Charleston	U.S.A.	0.4958	203
Minsk	Belarus	0.4946	204
Santo Domingo	#N/A	0.4945	205
Prague	Czech Republic	0.4944	206
Valencia	Venezuela	0.494	207
Dammam	Saudi Arabia	0.4931	208

Niigata	Japan	0.4912	209	Mendoza	Argentina	0.4612	249
Memphis	U.S.A.	0.4895	210	Bari	Italy	0.4608	250
Karaj	Iran	0.4885	211	Knoxville	U.S.A.	0.4603	251
Columbia	U.S.A.	0.488	212	Newcastle upon Tyne	U.K.	0.4587	252
Caracas	Venezuela	0.4857	213	Poznan	Poland	0.4586	253
Samut Prakan	Thailand	0.4855	214	Birmingham	U.S.A.	0.4583	254
Bristol	U.K.	0.4853	215	Akron	U.S.A.	0.4582	255
Riverside-San Bernardino	U.S.A.	0.4848	216	Genoa	Italy	0.4578	256
Jakarta	Indonesia	0.4832	217	Greater Vitória	Brazil	0.4578	257
Zibo	China	0.4826	218	Taiyuan	China	0.4553	258
Fuzhou (FJ)	China	0.4823	219	Quebec	Canada	0.455	259
Catania	Italy	0.4817	220	Panama City	Panama	0.4549	260
Mecca	Saudi Arabia	0.4808	221	Shijiazhuang	China	0.4545	261
Cape Coral	U.S.A.	0.4806	222	Luanda	Angola	0.4535	262
Rochester	U.S.A.	0.4804	223	Chongqing	China	0.4531	263
Changchun	China	0.4802	224	Shaoxing	China	0.4521	264
Bucuresti	Romania	0.4793	225	Maracaibo	Venezuela	0.4519	265
Brasilia	Brazil	0.4792	226	Huizhou	China	0.4512	266
Nantong	China	0.4791	227	Seville	Spain	0.4512	267
Dayton	U.S.A.	0.4787	228	Sheffield	U.K.	0.4502	268
Nanchang	China	0.4772	229	Havana	Cuba	0.45	269
Xuzhou	China	0.476	230	Grand Rapids	U.S.A.	0.4498	270
Cape Town	South Africa	0.4754	231	Tijuana	Mexico	0.4496	271
Ankara	Turkey	0.4726	232	Edmonton	Canada	0.4492	272
Rosario	Argentina	0.4719	233	Tangshan	China	0.4488	273
Abu Dhabi	#N/A	0.4717	234	Nantes	France	0.448	274
Cincinnati	U.S.A.	0.4694	235	Taizhou (JS)	China	0.4479	275
Quanzhou	China	0.4689	236	Portland	U.S.A.	0.4472	276
Kuwait City	Kuwait	0.468	237	Maracay	Venezuela	0.4451	277
Sharjah	#N/A	0.4678	238	Muscat	Oman	0.444	278
Porto Alegre	Brazil	0.4666	239	Taizhou (ZJ)	China	0.4425	279
Shenyang	China	0.4644	240	Delhi	India	0.442	280
Yangzhou	China	0.4641	241	Monterrey	Mexico	0.4417	281
Jiaxing	China	0.4637	242	Winnipeg	Canada	0.4404	282
Kumamoto	Japan	0.4619	243	Bordeaux	France	0.4404	283
Nottingham	U.K.	0.4619	244	Allentown	U.S.A.	0.4402	284
Changwon	Republic of Korea	0.4618	245	Baghdad	Iraq	0.4399	285
Gothenburg	Sweden	0.4616	246	Cordoba	Argentina	0.4398	286
Izmir	Turkey	0.4615	247	Medellin	Colombia	0.4397	287
Bursa	Turkey	0.4614	248	Juarez	Mexico	0.4394	288

Weifang	China	0.4379	289	Omaha	U.S.A.	0.4072	329
Erbil	Iraq	0.4369	290	Haikou	China	0.4067	330
Harbin	China	0.436	291	Ufa	Russia	0.4057	331
Surabaya	Indonesia	0.431	292	Yancheng	China	0.4048	332
Kunming	China	0.4309	293	Ribeirao Preto	Brazil	0.4047	333
Santiago de Los Caballeros	#N/A	0.4305	294	Zhangzhou	China	0.4036	334
Campinas	Brazil	0.4283	295	Nanning	China	0.4035	335
Guadalajara	Mexico	0.4274	296	Luoyang	China	0.4023	336
Palermo	Italy	0.4272	297	Merida	Mexico	0.4011	337
Algiers	Algeria	0.4267	298	Sao Jose dos Campos	Brazil	0.401	338
Padova	Italy	0.4266	299	Bangalore	India	0.4008	339
Xiangtan	China	0.4264	300	Zhoushan	China	0.3994	340
Lagos	Nigeria	0.426	301	Belo Horizonte	Brazil	0.3988	341
Weihai	China	0.4254	302	Jinhua	China	0.3982	342
Dongying	China	0.4244	303	Lodz	Poland	0.3978	343
Jining	China	0.4243	304	Wuhu	China	0.3977	344
Hsinchu	China	0.4236	305	Ikorodu	Nigeria	0.3971	345
Krakow	Poland	0.4235	306	Santa Cruz	Bolivia	0.3962	346
Guiyang	China	0.4229	307	Hohhot	China	0.3955	347
Oran	Algeria	0.422	308	Cali	Colombia	0.3953	348
Adana	Turkey	0.4208	309	Lanzhou	China	0.395	349
Sacramento	U.S.A.	0.4205	310	Zagreb	Croatia	0.3941	350
Be'er Sheva	Israel	0.4204	311	Rizhao	China	0.394	351
Thessaloniki	Greece	0.4196	312	Shantou	China	0.3938	352
Gebze	Turkey	0.4195	313	Santa Fe	Argentina	0.3933	353
Warsaw	Poland	0.419	314	Samara	Russia	0.3925	354
Quito	Ecuador	0.4189	315	Belgrade	Serbia	0.3903	355
Toulon	France	0.4172	316	Huzhou	China	0.3886	356
El Paso	U.S.A.	0.417	317	Jiangmen	China	0.388	357
San Luis Potosi	Mexico	0.4147	318	Daqing	China	0.3879	358
Tyumen	Russia	0.4136	319	Liuzhou	China	0.3871	359
Wenzhou	China	0.4125	320	Urumqi	China	0.3857	360
Ipoh	Malaysia	0.4123	321	Queretaro	Mexico	0.3856	361
Zhuzhou	China	0.4118	322	Tulsa	U.S.A.	0.3852	362
Asuncion	Paraguay	0.4115	323	Taian	China	0.3846	363
Nice	France	0.4103	324	Dezhou	China	0.3831	364
Bakersfield	U.S.A.	0.4099	325	Tucson	U.S.A.	0.3829	365
Baku	Azerbaijan	0.4096	326	Yichang	China	0.3827	366
Durban	South Africa	0.4096	327	Lianyungang	China	0.3815	367
Valparaiso	Chile	0.4095	328	Aguascalientes	Mexico	0.3815	368

Langfang	China	0.3801	369	Kazan	Russia	0.364	409
Almaty	Kazakhstan	0.3798	370	Perm	Russia	0.3636	410
Sarasota-Bradenton	U.S.A.	0.3793	371	Fortaleza	Brazil	0.3635	411
Jilin	China	0.379	372	Zhaoqing	China	0.363	412
Torreon	Mexico	0.3783	373	Samarinda	Indonesia	0.363	413
Guatemala City	Guatemala	0.3781	374	Puyang	China	0.3626	414
McAllen	U.S.A.	0.378	375	Maoming	China	0.3624	415
Shiraz	Iran	0.3774	376	Abuja	Nigeria	0.3623	416
Jieyang	China	0.3773	377	Bengbu	China	0.3621	417
Huaiian	China	0.377	378	Maanshan	China	0.3612	418
Recife	Brazil	0.3759	379	Chenzhou	China	0.3588	419
Fresno	U.S.A.	0.3754	380	Antalya	Turkey	0.3579	420
Anyang	China	0.3754	381	Huangshi	China	0.3567	421
Xuchang	China	0.3753	382	Mar Del Plata	Argentina	0.3567	422
Xiangyang	China	0.3744	383	Tripoli	Libya	0.3567	423
Baotou	China	0.3743	384	Kirkuk	Iraq	0.3563	424
Mumbai	India	0.3742	385	San Salvador	El Salvador	0.3563	425
Putian	China	0.3735	386	Toluca	Mexico	0.3557	426
Puebla	Mexico	0.373	387	Qinhuangdao	China	0.3551	427
Curitiba	Brazil	0.3729	388	Batam	Indonesia	0.355	428
Jundiai	Brazil	0.3728	389	Nairobi	Kenya	0.3547	429
Nanyang	China	0.3725	390	Albuquerque	U.S.A.	0.3536	430
Villahermosa	Mexico	0.3722	391	Ezhou	China	0.353	431
Kiev	Ukraine	0.3719	392	Sorocaba	Brazil	0.3527	432
Manaus	Brazil	0.3705	393	Luohe	China	0.3506	433
Cartagena	Colombia	0.37	394	Guayaquil	Ecuador	0.3503	434
Xining	China	0.3697	395	Pingdingshan	China	0.3502	435
Beihai	China	0.3696	396	Tabriz	Iran	0.3498	436
Matamoros	Mexico	0.3695	397	Tunis	Tunisia	0.3497	437
Zaozhuang	China	0.3693	398	Mashhad	Iran	0.349	438
Baoding	China	0.3682	399	Saltillo	Mexico	0.3479	439
Yinchuan	China	0.3679	400	Liaocheng	China	0.3468	440
Handan	China	0.3678	401	Luzhou	China	0.3467	441
Jiaozuo	China	0.3677	402	Suqian	China	0.3467	442
Deyang	China	0.3675	403	Jingdezhen	China	0.3465	443
Gaziantep	Turkey	0.3671	404	Salvador	Brazil	0.3462	444
Manila	Philippines	0.3668	405	Yueyang	China	0.3457	445
Pekanbaru	Indonesia	0.3661	406	Cangzhou	China	0.3456	446
Binzhou	China	0.3655	407	Kaifeng	China	0.3453	447
Bremen	Germany	0.3646	408	Belem	Brazil	0.3447	448

Saratov	Russia	0.3435	449	Shiyan	China	0.3266	489
Bandung	Indonesia	0.3428	450	Wuzhou	China	0.3264	490
Xinyu	China	0.3422	451	Zhanjiang	China	0.3261	491
Goiania	Brazil	0.3415	452	Yibin	China	0.3252	492
Culiacan	Mexico	0.3402	453	Hengyang	China	0.3251	493
Hermosillo	Mexico	0.3388	454	Changde	China	0.3246	494
Linyi	China	0.3387	455	Malang	Indonesia	0.3235	495
Ordos	China	0.3386	456	Cairo	Egypt	0.3234	496
Port Elizabeth	South Africa	0.3384	457	Yiyang	China	0.3229	497
Zigong	China	0.3384	458	Balikpapan	Indonesia	0.3228	498
Arequipa	Peru	0.338	459	Xingtai	China	0.3219	499
Pingxiang	China	0.338	460	Hengshui	China	0.3216	500
Huaibei	China	0.338	461	Yulin (GX)	China	0.3212	501
Baoji	China	0.3376	462	Tbilisi	Georgia	0.32	502
Ashgabat	Turkmenistan	0.337	463	Cancun	Mexico	0.3198	503
Chaozhou	China	0.3355	464	Albany	U.S.A.	0.3198	504
Heze	China	0.3354	465	Uberlandia	Brazil	0.3197	505
Liupanshui	China	0.3349	466	Ziyang	China	0.3195	506
Kuching	Malaysia	0.3337	467	Port Harcourt	Nigeria	0.319	507
Yingtian	China	0.3334	468	Yangjiang	China	0.3181	508
Guilin	China	0.3333	469	Tongling	China	0.318	509
Hebi	China	0.333	470	Trujillo	Peru	0.3178	510
Anshan	China	0.3329	471	Yaroslavl	Russia	0.3177	511
Cochabamba	Bolivia	0.3324	472	Palembang	Indonesia	0.3177	512
Joinville	Brazil	0.3322	473	Reynosa	Mexico	0.3175	513
Mianyang	China	0.3319	474	Accra	Ghana	0.3171	514
Yuxi	China	0.3318	475	Ningde	China	0.3169	515
Panjin	China	0.3315	476	Wroclaw	Poland	0.3168	516
Riga	Latvia	0.3315	477	Grande Sao Luis	Brazil	0.3162	517
Dhaka	Bangladesh	0.3309	478	Kochi	India	0.3161	518
Xinxiang	China	0.3298	479	Songyuan	China	0.3157	519
Jingzhou	China	0.3298	480	Tomsk	Russia	0.3138	520
Shangrao	China	0.3296	481	Sanming	China	0.3129	521
Buraydah	Saudi Arabia	0.3287	482	Pereira	Colombia	0.3124	522
Chennai	India	0.3284	483	Zhoukou	China	0.3115	523
Jingmen	China	0.3283	484	Pune	India	0.3114	524
Xianyang	China	0.3282	485	Panzhihua	China	0.3112	525
Jinzhou	China	0.3273	486	Zhumadian	China	0.3111	526
Sanya	China	0.3271	487	Ganzhou	China	0.311	527
Sulaymaniyah	Iraq	0.327	488	Longyan	China	0.3108	528

Liaoyang	China	0.3106	529	Yuncheng	China	0.2926	569
Londrina	Brazil	0.3103	530	Medan	Indonesia	0.2924	570
Barnaul	Russia	0.3102	531	Krasnodar	Russia	0.2917	571
Qingyuan	China	0.3101	532	Kano	Nigeria	0.2915	572
Pachuca de Soto	Mexico	0.3096	533	Huainan	China	0.2912	573
Quzhou	China	0.3092	534	Lishui	China	0.2907	574
Novosibirsk	Russia	0.3087	535	Fangchenggang	China	0.2901	575
Yulin (SX)	China	0.3086	536	Siping	China	0.2899	576
Xinyang	China	0.3076	537	Maturín	Venezuela	0.2899	577
Leshan	China	0.3071	538	Hamadan	Iran	0.2881	578
Weinan	China	0.3067	539	Mexicali	Mexico	0.288	579
Samsun	Turkey	0.3066	540	Yangquan	China	0.2879	580
Tegucigalpa	Honduras	0.3063	541	Astrakhan	Russia	0.287	581
Coimbatore	India	0.3055	542	Semarang	Indonesia	0.2864	582
Datong	China	0.3052	543	San Miguel de Tucuman	Argentina	0.286	583
Barranquilla	Colombia	0.305	544	Fushun	China	0.2854	584
Meishan	China	0.305	545	Tongliao	China	0.2854	585
La Plata	Argentina	0.3041	546	Irkutsk	Russia	0.2854	586
Chihuahua	Mexico	0.3035	547	Kingston	Jamaica	0.2853	587
Changzhi	China	0.3027	548	Campo Grande	Brazil	0.2852	588
Alexandria	Egypt	0.3013	549	Karachi	Pakistan	0.285	589
Makassar	Indonesia	0.3011	550	Sanliurfa	Turkey	0.2847	590
Padang	Indonesia	0.3	551	Shangqiu	China	0.2847	591
Nanchong	China	0.2998	552	Ryazan	Russia	0.2839	592
Sanmenxia	China	0.2995	553	Loudi	China	0.2835	593
Ji' an	China	0.298	554	Yingkou	China	0.2829	594
Liaoyuan	China	0.298	555	Huludao	China	0.2826	595
Jiujiang	China	0.2972	556	Bhiwandi	India	0.2824	596
Xianning	China	0.2969	557	Suining	China	0.2824	597
Zhangjiakou	China	0.2965	558	Kozhikode	India	0.2818	598
Casablanca	Morocco	0.2965	559	Shuozhou	China	0.2817	599
Tolyatti	Russia	0.296	560	Abidjan	Cote d' Ivoire	0.2814	600
Joao Pessoa	Brazil	0.296	561	Karamay	China	0.2794	601
Jincheng	China	0.2958	562	Zunyi	China	0.2793	602
Juiz De Fora	Brazil	0.2946	563	Hanzhong	China	0.2792	603
Shaoguan	China	0.2936	564	Feira De Santana	Brazil	0.279	604
Bogor	Indonesia	0.2936	565	Kemerovo	Russia	0.2789	605
Teresina	Brazil	0.2935	566	La Paz	Bolivia	0.2788	606
Xiaogan	China	0.2934	567	Kolkata	India	0.2784	607
Qinzhou	China	0.2927	568	Zaria	Nigeria	0.2782	608

Huaihua	China	0.2776	609	Gaza	State of Palestine	0.2635	649
Ulan Bator	Mongolia	0.277	610	Shizuishan	China	0.2629	650
Fuyang	China	0.277	611	Huangshan	China	0.2624	651
Guang' an	China	0.2769	612	Jinzhong	China	0.2622	652
Chittagong	Bangladesh	0.2769	613	Chelyabinsk	Russia	0.2618	653
Nanping	China	0.2761	614	Rostov-on-Don	Russia	0.2618	654
Kannur	India	0.276	615	Guigang	China	0.2613	655
Wuhai	China	0.276	616	Tieling	China	0.261	656
Tonghua	China	0.276	617	Marrakech	Morocco	0.2604	657
Shymkent	Kazakhstan	0.2758	618	Ta' if	Saudi Arabia	0.2604	658
Esfahan	Iran	0.2748	619	Cuernavaca	Mexico	0.2603	659
Phnom Penh	Cambodia	0.274	620	Suihua	China	0.2591	660
Douala	Cameroon	0.2731	621	Linfen	China	0.2591	661
Dehra Dun	India	0.2731	622	Anshun	China	0.2588	662
Yunfu	China	0.2723	623	Celaya	Mexico	0.2587	663
Huambo	Angola	0.2719	624	Eskisehir	Turkey	0.2587	664
Jiamusi	China	0.2704	625	Durg-Bhilai Nagar	India	0.2584	665
Yichun (JX)	China	0.2701	626	Managua	Nicaragua	0.2578	666
Fuzhou (JX)	China	0.2698	627	Chizhou	China	0.2576	667
Cuiaba	Brazil	0.2697	628	Basra	Iraq	0.2572	668
Morelia	Mexico	0.2696	629	Benxi	China	0.2568	669
San Pedro Sula	Honduras	0.2695	630	Libreville	Gabon	0.2566	670
Hyderabad	India	0.2688	631	Qujing	China	0.2565	671
Rajshahi	Bangladesh	0.268	632	Lu' an	China	0.2557	672
Chengde	China	0.2676	633	Neijiang	China	0.2554	673
Barquisimeto	Venezuela	0.2673	634	Huanggang	China	0.2553	674
Chifeng	China	0.2673	635	Kampala	Uganda	0.2553	675
Chuzhou	China	0.2669	636	Benin City	Nigeria	0.2553	676
Anqing	China	0.2669	637	Suzhou (AH)	China	0.2537	677
Kayseri	Turkey	0.2667	638	Voronezh	Russia	0.2537	678
Orenburg	Russia	0.2665	639	Veracruz	Mexico	0.2532	679
Orumiyeh	Iran	0.2662	640	Malappuram	India	0.2532	680
Shanwei	China	0.2661	641	Yongzhou	China	0.2529	681
Tampico	Mexico	0.2658	642	Xuancheng	China	0.2528	682
Cebu	Philippines	0.2657	643	Tasikmalaya	Indonesia	0.2528	683
Mersin	Turkey	0.2655	644	Colombo	Sri Lanka	0.2522	684
Vereeniging	South Africa	0.2653	645	Yan' an	China	0.2521	685
Khartoum	Sudan	0.2652	646	Ahmedabad	India	0.2513	686
Lahore	Pakistan	0.2646	647	Port-au-Prince	Haiti	0.251	687
Dazhou	China	0.2635	648	Rasht	Iran	0.251	688

Enugu	Nigeria	0.2507	689	Karbala	Iraq	0.2336	729
Misratah	Libya	0.2504	690	Ludhiana	India	0.2335	730
Omsk	Russia	0.25	691	Bahawalpur	Pakistan	0.2332	731
Kota	India	0.2495	692	Mangalore	India	0.2328	732
Guwahati	India	0.249	693	Nizhny Novgorod	Russia	0.2321	733
Krasnoyarsk	Russia	0.2487	694	Da Nang	Vietnam	0.2319	734
Ibague	Colombia	0.2485	695	Shaoyang	China	0.2315	735
Chongzuo	China	0.2484	696	Ibadan	Nigeria	0.231	736
Benghazi	Libya	0.2473	697	Oaxaca	Mexico	0.2299	737
Acapulco	Mexico	0.2468	698	Baishan	China	0.2297	738
Bozhou	China	0.2455	699	Tuxtla Gutierrez	Mexico	0.2294	739
Puducherry	India	0.2454	700	Lome	Togo	0.2291	740
Kollam	India	0.2452	701	Baoshan	China	0.2277	741
Chaoyang	China	0.2451	702	Hanoi	Vietnam	0.2276	742
Heyuan	China	0.2449	703	Salem	India	0.2272	743
Harare	Zimbabwe	0.2448	704	Ho Chi Minh City	Vietnam	0.2271	744
Akure	Nigeria	0.2438	705	Aracaju	Brazil	0.2271	745
Maceio	Brazil	0.2429	706	Diyarbakir	Turkey	0.2267	746
Novokuznetsk	Russia	0.2427	707	Poza Rica	Mexico	0.2263	747
Natal	Brazil	0.2422	708	Safaqis	Tunisia	0.2257	748
Fuxin	China	0.2409	709	Guangyuan	China	0.2254	749
Hufuf-Mubarraz	Saudi Arabia	0.2408	710	Qom	Iran	0.2249	750
Krivoi Rog	Ukraine	0.2392	711	Hezhou	China	0.2249	751
Chiclayo	Peru	0.2389	712	Izhevsk	Russia	0.2242	752
Aba	Nigeria	0.2386	713	Owerri	Nigeria	0.2242	753
Haiphong	Vietnam	0.2385	714	Dandong	China	0.2238	754
Qingyang	China	0.2385	715	Denizli	Turkey	0.2232	755
Jos	Nigeria	0.2383	716	Baise	China	0.2228	756
Thiruvananthapuram	India	0.2375	717	Qiqihar	China	0.2226	757
Can Tho	Vietnam	0.2362	718	Baicheng	China	0.2225	758
Meizhou	China	0.2362	719	Uyo	Nigeria	0.2224	759
Port Said	Egypt	0.2362	720	Lvliang	China	0.2221	760
Davao	Philippines	0.2361	721	Kitwe	Zambia	0.2219	761
Mudanjiang	China	0.2354	722	Mombasa	Kenya	0.2219	762
Meknes	Morocco	0.2353	723	Khabarovsk	Russia	0.2207	763
Concepcion	Chile	0.2347	724	Ankang	China	0.2203	764
Suizhou	China	0.2346	725	Kumasi	Ghana	0.2203	765
Cucuta	Colombia	0.2341	726	Bucaramanga	Colombia	0.2202	766
Yekaterinburg	Russia	0.2341	727	Chisinau	Republic of Moldova	0.2202	767
Islamabad	Pakistan	0.2339	728	Rabat	Morocco	0.2201	768



Lusaka	Zambia	0.2201	769	Sylhet	Bangladesh	0.2039	809
Jodhpur	India	0.22	770	Zhongwei	China	0.2038	810
Florianopolis	Brazil	0.2199	771	Oshogbo	Nigeria	0.203	811
Ciudad Guayana	Venezuela	0.2196	772	Warri	Nigeria	0.2013	812
Nagpur	India	0.2196	773	Volgograd	Russia	0.2004	813
Nasiriyah	Iraq	0.2189	774	Bazhong	China	0.2003	814
Denpasar	Indonesia	0.2187	775	General Santos City	Philippines	0.1998	815
Surat	India	0.2187	776	Yaunde	Cameroon	0.1994	816
Lincang	China	0.2186	777	Lucknow	India	0.1991	817
Pointe-Noire	Republic of the Congo	0.2174	778	Kharkov	Ukraine	0.1988	818
Ulanqab	China	0.2167	779	Fes	Morocco	0.1986	819
Yaan	China	0.2164	780	Faisalabad	Pakistan	0.1986	820
Jiayuguan	China	0.2164	781	Jaipur	India	0.1977	821
Wuzhong	China	0.2157	782	Tianshui	China	0.197	822
Cagayan de Oro	Philippines	0.2156	783	Bayannur	China	0.1966	823
Bhubaneswar	India	0.2155	784	Asmara	Eritrea	0.1965	824
Pingliang	China	0.2154	785	Erode	India	0.1957	825
Thrissur	India	0.2151	786	Khulna	Bangladesh	0.1957	826
Laibin	China	0.215	787	Ardabil	Iran	0.1955	827
Kermanshah	Iran	0.2144	788	Tirupati	India	0.1955	828
Xinzhou	China	0.2138	789	Bandar Lampung	Indonesia	0.1953	829
Villavicencio	Colombia	0.2137	790	Sialkot	Pakistan	0.195	830
Dar es Salaam	Tanzania	0.2137	791	Nouakchott	Mauritania	0.1948	831
Tlaxcala	Mexico	0.213	792	Tashkent	Uzbekistan	0.1938	832
Tangier	Morocco	0.2124	793	Mysore	India	0.1931	833
Visakhapatnam	India	0.2121	794	Makhachkala	Russia	0.1928	834
Asansol	India	0.2114	795	Qitaihe	China	0.1927	835
Hyderabad	Pakistan	0.211	796	Kinshasa	Democratic Republic of the Congo	0.1923	836
Kathmandu	Nepal	0.211	797	Jamshedpur	India	0.1916	837
Santa Marta	Colombia	0.2101	798	Tiruchirappalli	India	0.1898	838
Shangluo	China	0.2097	799	Kolhapur	India	0.1895	839
Amritsar	India	0.2095	800	Dingxi	China	0.1894	840
Hulunbair	China	0.2093	801	Onitsha	Nigeria	0.1892	841
Xalapa	Mexico	0.209	802	Tongchuan	China	0.1888	842
Dakar	Senegal	0.2084	803	Vellore	India	0.1886	843
Aurangabad	India	0.2082	804	Jinchang	China	0.1886	844
Kerman	Iran	0.2073	805	Ilorin	Nigeria	0.1876	845
Patna	India	0.207	806	Yerevan	Armenia	0.1875	846
Jalandhar	India	0.207	807	Zhaotong	China	0.1872	847
Brazzaville	Republic of the Congo	0.205	808	Varanasi	India	0.1869	848

Wuwei	China	0.1866	849	Ulyanovsk	Russia	0.1685	889
Rawalpindi	Pakistan	0.1861	850	Zhangjiajie	China	0.1685	890
Kabul	Afghanistan	0.1861	851	Raurkela	India	0.1684	891
Ranchi	India	0.1851	852	Guntur	India	0.1667	892
Bacolod	Philippines	0.1844	853	Kaduna	Nigeria	0.1664	893
Tiruppur	India	0.1841	854	Aligarh	India	0.1663	894
Meerut	India	0.1839	855	Peshawar	Pakistan	0.1657	895
Shuangyashan	China	0.183	856	Vijayawada	India	0.1653	896
Konya	Turkey	0.1827	857	Zhangye	China	0.1651	897
Vladivostok	Russia	0.1827	858	Allahabad	India	0.1651	898
Jambi	Indonesia	0.1823	859	Dhanbad	India	0.1641	899
Gwalior	India	0.1809	860	Zamboanga	Philippines	0.164	900
Madurai	India	0.1807	861	Lijiang	China	0.1635	901
Tabuk	Saudi Arabia	0.1796	862	Saharanpur	India	0.1622	902
Kurnool	India	0.1793	863	Kanpur	India	0.1621	903
Durango	Mexico	0.1788	864	Srinagar	India	0.1615	904
Siliguri	India	0.1775	865	Dnipropetrovsk	Ukraine	0.1611	905
Longnan	China	0.1771	866	Zaporizhzhya	Ukraine	0.1604	906
Bokaro Steel City	India	0.1763	867	Muzaffarnagar	India	0.16	907
Rajkot	India	0.1762	868	Vientiane	Laos	0.1592	908
Banjarmasin	Indonesia	0.1756	869	Hubli-Dharwad	India	0.1586	909
Baiyin	China	0.1752	870	Sangali	India	0.1584	910
Indore	India	0.1748	871	Zanzibar	Tanzania	0.1568	911
Pontianak	Indonesia	0.1748	872	Chandigarh	India	0.1565	912
Yazd	Iran	0.1748	873	Sukkur	Pakistan	0.1563	913
Nashik	India	0.1746	874	Odessa	Ukraine	0.1554	914
Hechi	China	0.1744	875	Bareilly	India	0.1554	915
Sokoto	Nigeria	0.1741	876	Gujranwala	Pakistan	0.1548	916
Cuttack	India	0.1738	877	Lvov	Ukraine	0.1537	917
Namangan	Uzbekistan	0.1733	878	Lubumbashi	Democratic Republic of the Congo	0.1531	918
Najaf	Iraq	0.1729	879	Kigali	Rwanda	0.1528	919
Jamnagar	India	0.1726	880	Hegang	China	0.1515	920
Guyuan	China	0.1724	881	Agra	India	0.1513	921
Jixi	China	0.1722	882	Multan	Pakistan	0.1512	922
Jammu	India	0.1709	883	Rangoon	Myanmar	0.1508	923
Vadodara	India	0.1697	884	Bien Hoa	Vietnam	0.1505	924
Bhopal	India	0.1694	885	Salta	Argentina	0.1474	925
Heihe	China	0.1689	886	Jabalpur	India	0.1466	926
Cherthala	India	0.1689	887	Moradabad	India	0.1464	927
Puer	China	0.1685	888	Imphal	India	0.1464	928

Sekondi	Ghana	0.1462	929	Djibouti	Djibouti	0.1164	968
Addis Ababa	Ethiopia	0.1431	930	Warangal	India	0.1135	969
Mosul	Iraq	0.1422	931	Bamako	Mali	0.1131	970
Zahedan	Iran	0.1418	932	Agadir	Morocco	0.1117	971
Belgaum	India	0.1408	933	Bishkek	Kyrgyzstan	0.1102	972
Bogra	Bangladesh	0.1407	934	Maiduguri	Nigeria	0.1083	973
Durgapur	India	0.1402	935	Blantyre-Limbe	Malawi	0.1082	974
Quetta	Pakistan	0.1399	936	Ouagadougou	Burkina Faso	0.1058	975
Bhavnagar	India	0.1398	937	Raipur	India	0.1043	976
Monrovia	Liberia	0.1397	938	Nnewi	Nigeria	0.1038	977
Ajmer	India	0.1389	939	Matola	Mozambique	0.099	978
Gulbarga	India	0.1388	940	Nay Pyi Taw	Myanmar	0.0981	979
Mathura	India	0.1381	941	Bouake	Cote d' Ivoire	0.0966	980
Amravati	India	0.1377	942	Conakry	Guinea	0.0929	981
Solapur	India	0.1375	943	Mandalay	Myanmar	0.0913	982
Niamey	Niger	0.1374	944	Hamah	Syria	0.091	983
Freetown	Sierra Leone	0.1372	945	Mogadishu	Somalia	0.0886	984
Mwanza	Tanzania	0.1362	946	Latakia	Syria	0.0882	985
Bulawayo	Zimbabwe	0.1358	947	Bujumbura	Burundi	0.0867	986
Nyala	Sudan	0.1336	948	Antananarivo	Madagascar	0.0865	987
Yichun (HLJ)	China	0.1335	949	Hargeysa	Somalia	0.0841	988
Donetsk	Ukraine	0.1323	950	Maputo	Mozambique	0.0817	989
Ujjain	India	0.1309	951	Lilongwe	Malawi	0.0811	990
Suez	Egypt	0.1302	952	Tshikapa	Democratic Republic of the Congo	0.0795	991
Nanded Waghala	India	0.13	953	Bobo Dioulasso	Burkina Faso	0.0777	992
Jiuquan	China	0.1293	954	Aleppo	Syria	0.0746	993
Firozabad	India	0.128	955	Aden	Yemen	0.0743	994
Jhansi	India	0.1265	956	Dushanbe	Tajikistan	0.0699	995
Gorakhpur	India	0.1245	957	Mbuji-Mayi	Democratic Republic of the Congo	0.0698	996
Tirunelveli	India	0.1241	958	Al-Raqqqa	Syria	0.0668	997
Abomey-Calavi	Benin	0.1234	959	Kananga	Democratic Republic of the Congo	0.0583	998
Damascus	Syria	0.1231	960	Homs	Syria	0.0573	999
Kayamkulam	India	0.1229	961	Bukavu	Democratic Republic of the Congo	0.0571	1000
Cotonou	Benin	0.1223	962	Nampula	Mozambique	0.0569	1001
Nellore	India	0.1214	963	Hodeidah	Yemen	0.0379	1002
Sargodha	Pakistan	0.121	964	N' Djamena	Chad	0.0253	1003
Sana' a'	Yemen	0.1183	965	Taiz	Yemen	0.0202	1004
Bikaner	India	0.1166	966	Bangui	Central African Republic	0.0195	1005
Malegaon	India	0.1166	967	Kisangani	Democratic Republic of the Congo	0	1006

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