

Competitiveness of Cities Worldwide

(2017-2018)

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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.

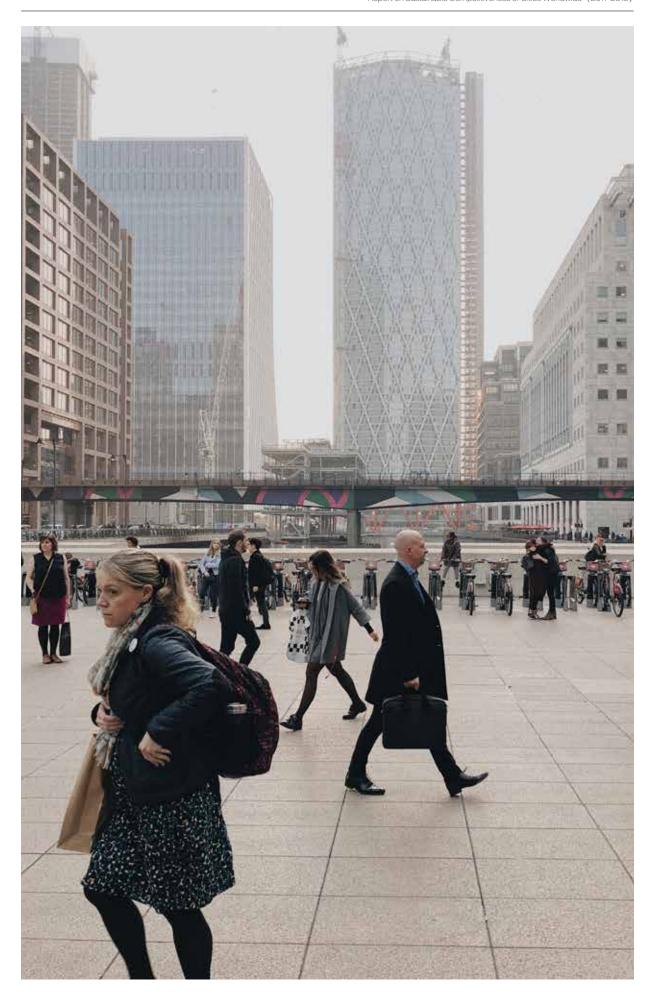
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Introduction

In 2015, the global economy grew slightly by 2.806%, around the same as in 2014. Specifically, the growth rate of high-income countries was 2.2%, that of middle-income countries was 4.3%, and that of low-income countries was 5%. In 2015, global commodity trade accounted for 44.595% of the world's GDP, declining for the fourth year in a row. Exports registered USD16,636 trillion, down by 12.92% year on year, and imports amounted to USD16,783 trillion, down by 12.21% year on year. In 2015, global urbanization process continued and the overall

urbanization rate was 53.91%, an increase of 0.456 percentage point over 2014. Specifically, the urbanization rate of North America was 81.63%, that of Latin America and the Caribbean was 79.85%, that of Europe and Central Asia was 71.62%, that of East Asia and the Pacific was 56.44%, that of South Asia was 32.74%, that of Sub-Saharan Africa was 38.59%, and that of the Middle East and North Africa was 60.43%. Sub-Saharan Africa, South Asia, East Asia and the Pacific are still in the middle of their urbanization processes.



Sustainable competitiveness of the world declined slightly and tree declined slightly and trend in the growth of high-income population was divergent

1.1 The pattern of sustainable competitiveness of cities worldwide tended to stabilize

Tokyo, Singapore, New York, London and Paris are the Top 5 in the world rankings by sustainable competitiveness. All of them but Paris remained in their previous positions. Among the Top 20, Europe had the most entries with nine of its cities on the list, followed by Asia and North America, each having six. This pattern is consistent with that of the previous year. Eleven countries are involved. They are Germany, Russia, France, the Republic of

Korea, the United States, Japan, Sweden, Spain, Singapore, the United Kingdom and China. As for the Tier-2 indicators, the world's Top 20 for 2017-2018 generally rank high by high-income population increment. All of them but Frankfurt and Munich are in the forefront of the world. The rankings by high-income population density of the Top 20 cities remained stable as Singapore, Munich and Hong Kong are still the Top 3 in the world.

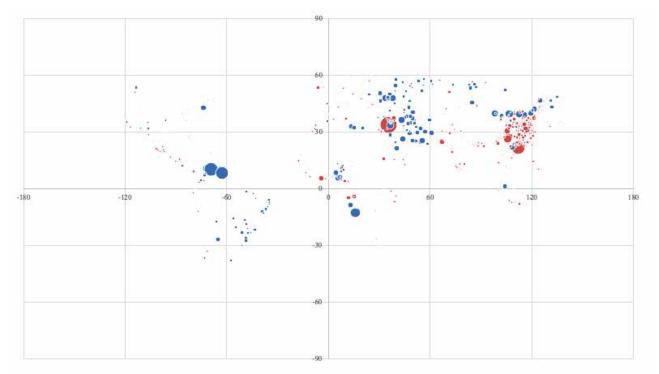
Table 1 Top 20 cities of the world by sustainable competitiveness and changes in their rankings, 2017-2018

City	Country	Continent	Sustainable competitiveness		High-income population density		High-income population increment	
			Ranking	Change	Ranking	Change	Ranking	Change
Tokyo	Japan	Asia	1	0	11	-1	1	1
Singapore	Singapore	Asia	2	0	1	0	10	1
New York- Newark	U.S.A.	N. America	3	0	41	0	2	-1
London	U.K.	Europe	4	0	21	2	6	0
Paris	France	Europe	5	1	39	0	4	-1
Hong Kong	China	Asia	6	-1	3	0	21	1
San Francisco- Oakland	U.S.A.	N. America	7	0	34	2	8	1
Osaka	Japan	Asia	8	1	85	-1	5	0
Barcelona	Spain	Europe	9	-1	9	2	24	1
Chicago	U.S.A.	N. America	10	2	88	0	7	0
Munich	Germany	Europe	11	-1	2	0	53	-2
Stuttgart	Germany	Europe	12	-1	4	0	43	0
Stockholm	Sweden	Europe	13	4	19	2	25	3
Madrid	Spain	Europe	14	1	43	2	17	0
Boston	U.S.A.	N. America	15	-1	65	-2	12	1
Frankfurt am Main	Germany	Europe	16	0	7	0	49	1
Shenzhen	China	Asia	17	2	10	2	38	6
Moscow	Russia	Europe	17	-4	22	-2	26	0
Philadelphia	U.S.A.	N. America	18	0	67	1	13	1
Seoul	Republic of Korea	Asia	19	1	68	3	14	2

1.2 Asian cities rose rapidly and South American cities dropped in general

By continent, North America had 64 cities among the Top 200 of the world, accounting for 32% of the total, the highest number of all continents. It was followed by Asia with 60 cities, then Europe, South America, Oceania and Africa. In terms of changes in their rankings, Asian cities rose sharply by 4.03 places on average, showing remarkably higher sustainable competitiveness. The rankings of North American and Oceanian cities basically remained unchanged while South American cities plummeted on the world list.

Figure 1. Changes in global rankings by sustainable competitiveness, 2017-2018



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

Table 2 Number of cities in the global Top 200 by continent 2017–2018 vs. 2016–2017

Continent	Number of cities in the global Top 200	Number of cities in the global Top 200	Statistics of the changes in the rankings				
oonement.	2017–2018	2016–2017	Mean	Standard deviation	Coefficient of variation		
N. America	64	64	0.2813	5.1961	18.4749		
Europe	60	57	1.2667	5.5628	4.3917		
Asia	58	59	4.0345	15.3428	3.8029		
S. America	10	12	-14.9000	32.6478	2.1911		
Oceania	7	7	0.5714	3.9940	6.9896		
Africa	1	1	10.0000	N/A	N/A		

1.3 Sustainable competitiveness of cities worldwide slightly declined on the whole, and high-income population increment showed divergent trends

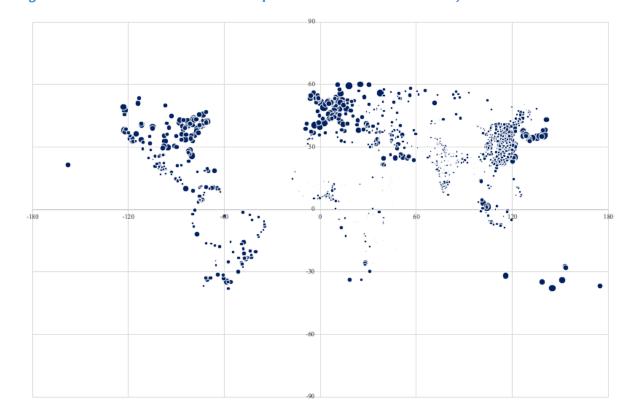
For 2017–2018, the average sustainable competitiveness score of cities worldwide is 0.3584, lower than that of 2016–2017. A total of 433 cities score higher than the average, accounting for 43.03% of the total. The overall coefficient of variation is

0.4972, basically the same as that of the previous year. It was worth noting that the coefficient of variation of high-income population increment was close to 0.6, indicating divergence in the trends of high-income population increment.

Table 3 Statistics of sustainable competitiveness of cities worldwide, 2017-2018

	Indicator	Sample size	Mean	Standard deviation	Coefficient of variation
	Sustainable competitiveness	1 1006 1 03584 1		0.1782	0.4972
Sustainable competitiveness 2017–2018	High-income population density	1,006	0.3823	0.1798	0.4703
	High-income population increment	1,006	0.2792	0.1667	0.5971
	Sustainable competitiveness	1,006	0.3676	0.1806	0.4913
Sustainable competitiveness 2016–2017	High-income population density	1,006	0.3871	0.1805	0.4663
	High-income population increment	1,006	0.2924	0.1709	0.5845

Figure 2 Distribution of sustainable competitiveness of cities worldwide, 2017-2018



1.4 Europe was mature and stable, and North America presented strong vitality

Oceania is most competitiveness and balanced with a coefficient of variation of 0.1148, and its cities rank high on both of the two Tier-2 indicators. North America followed with a high-income population density slightly lower than that of Europe and a high-income population increment higher than that

of Europe, showing strong vitality. Europe, which ranks third, showing the characteristics of maturity as its high-income population density is high with the increment is slow. The overall sustainable competitiveness of Asian and African cities are relatively low and gaps between these cities are wide.

Table 4 Statistics of sustainable competitiveness of cities worldwide by continent, 2017-2018

Continent	sustainable cc	mpetitiveness	High-income po	pulation density	High-income population increment		
continent	Mean	Coefficient of Mean		Coefficient of variation	Mean	Coefficient of variation	
N. America	0.5119	0.3142	0.5040	0.3149	0.4407	0.3903	
Oceania	0.6430	0.1148	0.6088	0.0917	0.5777	0.2148	
Africa	0.2135	0.5237	0.2509	0.4973	0.1430	0.6586	
S. America	0.3790	0.2850	0.3973	0.3019	0.3021	0.3394	
Europe	0.4913	0.3759	0.5300	0.4076	0.3766	0.3942	
Asia	0.3132	0.4834	0.3401	0.4448	0.2379	0.5988	

1.5 Cities in G20 countries are more competitive by all three indicators

By all the three indicators, i.e. sustainable competitiveness, high-income population density and high-income population increment, G20

cities significantly outperformed non-G20 cities and the latter group has wider gaps between its members.

Table 5 Statistics of sustainable competitiveness of cities in G20 countries, 2017–2018

	Indicator	Indicator Sample size Mean		Standard deviation	Coefficient of variation
	Sustainable competitiveness	739	0.898	0.1749	0.1948
G20	High-income population density	739	0.4110	0.1767	0.4299
	High-income population increment	739	0.3083	0.1648	0.5345
	Sustainable competitiveness	267	0.2717	0.1576	0.5801
Non-G20	High-income population density	267	0.3029	0.1641	0.5418
	High-income population increment	267	0.1986	0.1442	0.7261

Regional difference increased and leading Asian cities rose significantly

2.1 U.S. cities are dominant in North America with an overwhelming leading edge

Nine of the Top 10 cities of North America are in the United States and all of the ten are within the Top 30 of the world. New York-Newark, San Francisco-Oakland and Chicago are the Top 3 of North America and also among the Top 10 of the world. By highincome population increment, Cleveland ranks slightly lower, but all others remained in leading positions. By high-income population density, half of the cities moved up, especially Los Angeles-Long Beach-Santa Ana.

Table 6 Top 10 cities of North America and changes in their global rankings, 2017-2018

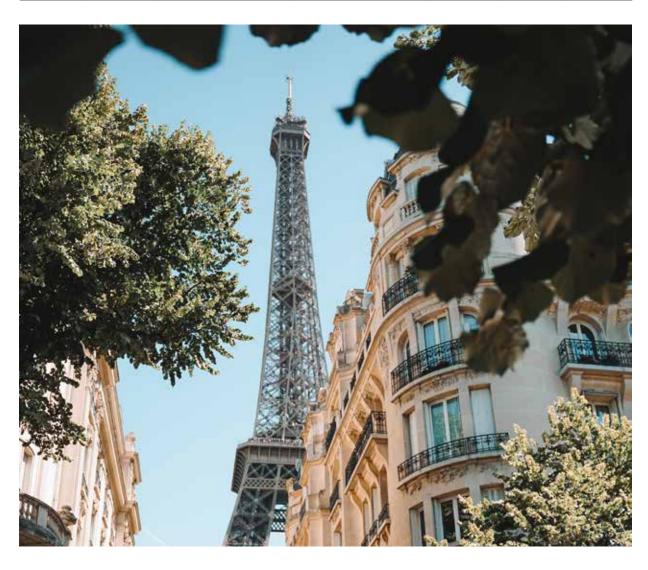
Ranking	City	Country	sustainable competitiveness		high-income population density		high-income population increment	
			Global ranking	Change	Global ranking	Change	Global ranking	Change
1	New York- Newark	U.S.A	3	0	2	-1	41	0
2	San Francisco- Oakland	U.S.A	7	0	8	1	34	2
3	Chicago	U.S.A	10	2	7	0	88	0
4	Boston	U.S.A	15	-1	12	1	65	-2
5	Philadelphia	U.S.A	18	0	13	1	67	1
6	Los Angeles- Long Beach- Santa Ana	U.S.A	20	7	3	1	203	11
7	Toronto	Canada	21	0	19	2	60	-1
8	Houston	U.S.A	23	1	9	-1	127	2
9	Miami	U.S.A	25	1	23	1	64	1
10	Cleveland	U.S.A	27	-2	75	-7	13	0

2.2 Europe was the world leader in terms of high-income population density, with six cities among the Top 20

The Top 10 cities of Europe by sustainable competitiveness are London, Paris, Barcelona, Munich, Stuttgart, Madrid, Frankfurt, Moscow and Berlin, and they are in the six countries of the United Kingdom, Germany, France, Spain, Sweden and Russia. Four of cities are in Germany, two in Spain and one in each of the remaining countries. As to the changes in their rankings, Stockholm rose by four places while Moscow fell by four places. The rankings of all cities remained relatively stable. In addition, European cities are in leading positions by high-income population density in the world, with six in the Top 20.

Table 7 Top 10 cities of Europe and changes in their global rankings, 2017-2018

Ranking	City	Country	sustainable competitiveness		high-income population density		high-income population increment	
3	,		Global ranking	Change	Global ranking	Change	Global ranking	Change
1	London	U.K.	4	0	6	0	21	2
2	Paris	France	5	1	4	-1	39	0
3	Barcelona	Spain	9	-1	24	1	9	2
4	Munich	Germany	11	-1	53	-2	2	0
5	Stuttgart	Germany	12	-1	43	0	4	0
6	Stockholm	Sweden	13	4	25	3	19	2
7	Madrid	Spain	14	1	17	0	43	2
8	Frankfurt	Germany	16	0	49	1	7	0
9	Moscow	Russia	17	-4	26	0	22	-2
10	Berlin	Germany	24	-2	47	1	15	0



2.3 Leading Asian cities are clearly moving up the rankings, especially Shanghai and Tel Aviv-Yafa

The top 10 cities of Asia by sustainable competitiveness are Tokyo, Singapore, Hong Kong, Osaka, Shenzhen, Seoul, Taipei, Hiroshima, Shanghai and Tel Aviv-Yafa. Three of these cities are in Japan, four in China, one in Singapore, one in the Republic of Korea and one in Israel. Overall, the growth momentum of leading Asian

cities is strong. Seven of the 10 cities rose in the world rankings, including Shanghai by eight places and Tel Aviv-Yafo by seven. In terms of Tier-2 indicators, the top Asian cities generally rank high by high-income population increment as none of the ten cities moved down the global list by this indicator.

Table 8 Top 10 cities of Asia and changes in their global rankings, 2017-2018

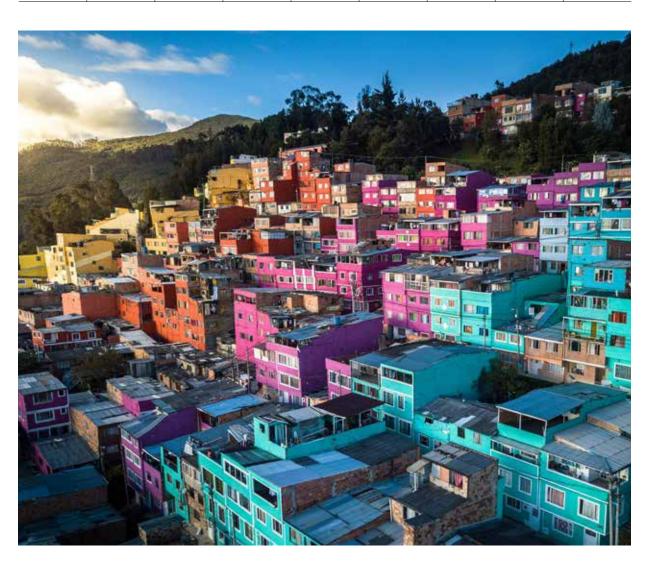
Ranking	City	Country	sustainable competitiveness		high-income population density		high-income population increment	
3			Global ranking	Change	Global ranking	Change	Global ranking	Change
1	Tokyo	Japan	1	0	1	1	11	-1
2	Singapore	Singapore	2	0	10	1	1	0
3	Hong Kong	China	6	-1	21	1	3	0
4	Osaka	Japan	8	1	5	0	85	-1
5	Shenzhen	China	17	2	38	6	10	2
6	Seoul	Republic of Korea	19	1	14	2	68	3
7	Taipei	China	22	1	40	1	16	2
8	Hiroshima	Japan	35	3	77	7	20	2
9	Shanghai	China	44	8	42	11	61	1
10	Tel Aviv-Yafo	Israel	49	7	54	6	63	1

2.4 Trend diverged for the global sustainable competitive rankings of South American cities

The top 10 cities of South America are Buenos Aires, Sao Paulo, Santiago, Bogota, Barcelona-Puerto La Cruz, Lima, Rio de Janeiro, Brasilia, Montevideo and Caracas, involving the seven countries of Argentina, Brazil, Chile, Colombia, Peru, Uruguay and Venezuela. Among these cities, five moved down the global list and five moved up, showing a trend of divergence.

Table 9 Top 10 cities of South America and changes in their global rankings, 2017-2018

Ranking	City	Country	sustainable competitiveness		high-income population density		high-income population increment	
			Global ranking	Change	Global ranking	Change	Global ranking	Change
1	Buenos Aires	Argentina	59	7	38	2	101	2
2	Sao Paulo	Brazil	88	-1	46	0	176	-14
3	Santiago	Chile	115	10	68	10	199	1
4	Bogota	Colombia	150	6	106	16	196	2
5	Barcelona- Puerto La Cruz	Venezuela	159	-60	169	-52	141	-48
6	Lima	Peru	162	13	116	18	204	3
7	Rio de Janeiro	Brazil	168	-4	107	2	217	-6
8	Valencia	Venezuela	181	-64	195	-54	168	-68
9	Montevideo	Uruguay	187	5	262	-13	124	0
10	Caracas	Venezuela	190	-61	153	-51	225	-65





2.5 African cities were generally weak in sustainable competitiveness

The Top 10 cities of Africa are Pretoria, Johannesburg, Cape Town, Oran, Luanda, Lagos, Algiers, Durban, Ikorodu and Tripoli, and mostly rank between 200th and 400th in the world. Overall, African cities have low competitiveness,

with Pretoria, the highest-ranking one of them, at the 131st place. Their rankings by high-income population density and high-income population increment also indicate ample room for improvement.

Table 10 Top 10 cities of Africa and changes in their global rankings, 2017-2018

Ranking	Ranking City	Country	sustainable competitiveness		high-income population density		high-income population increment	
			Global ranking	Change	Global ranking	Change	Global ranking	Change
1	Pretoria	South Africa	131	10	158	15	111	-2
2	Johannesburg	South Africa	214	10	203	28	213	4
3	Cape Town	South Africa	261	5	247	19	264	0
4	Oran	Algeria	294	-23	354	-30	250	-20
5	Luanda	Angola	300	-43	302	-29	298	-49
6	Lagos	Nigeria	321	-3	309	28	332	-24
7	Algiers	Algeria	322	-11	349	7	307	-18
8	Durban	South Africa	342	4	375	14	328	2
9	Ikorodu	Nigeria	377	15	360	37	418	-31
10	Tripoli	Libya	411	-38	509	-50	347	-16



The United States, China and India see their cities move up the global rankings while Nigeria and Brazil find their cities in lower positions

3.1 Indian cities generally have low rankings but are on the rise

Delhi, the most competitive city in India, ranked 320th in the world. No city other than the Top 3 of the country, i.e. Delhi, Mumbai and Bangalore, made it into the world's Top 500. Indian cities are thus generally in the lower range of the world list,

but they are moving up steadily. In addition, Indian cities generally rank low by high-income population increment and improvement in this aspect is needed if they want to deliver better performance in terms of sustainable competitiveness.

Table 11 Top 10 cities of India and changes in their global rankings, 2017-2018

Ranking	City		nable tiveness	High-income incre	e population ment		High-income population density		
		Global ranking	Change	Global ranking	Change	Global ranking	Change		
1	Delhi	320	6	627	24	177	2		
2	Bangalore	376	19	662	23	245	-1		
3	Mumbai	424	10	690	14	281	5		
4	Chennai	518	18	789	7	331	1		
5	Kochi	546	11	839	-2	309	3		
6	Pune	567	7	746	11	435	-4		
7	Coimbatore	579	16	828	2	343	8		
8	Kozhikode	631	15	856	-3	399	12		
9	Bhiwandi	642	18	820	8	460	2		
10	Dehra Dun	643	18	803	5	482	5		



3.2 Chinese cities moved up dramatically in the rankings by sustainable competitiveness, with growing influence on the global landscape

Specifically, Hong Kong and Shenzhen continued to be in the lead, ranking among the Top 20 of the world. Moreover, among China's Top 10, eight cities are in the Top 100 of the world, nine moved up, and four are up by ten places or more.

In terms of the Tier-2 indicators, these cities are on the rise by both high-income population increment and high-income population density, which incidates high-quality and rapid urbanization.

Table 12 Top 10 Chinese cities and changes in their global rankings, 2017-2018

Ranking	City	Sustainable competitiveness		High-income population increment		High-income population density	
		Global ranking	Change	Global ranking	Change	Global ranking	Change
1	Hong Kong	6	-1	21	1	3	0
2	Shenzhen	17	2	38	6	10	2
3	Taipei	22	1	40	1	16	2
4	Shanghai	44	8	42	11	61	1
5	Beijing	66	11	39	10	106	7
6	Guangzhou	73	7	67	18	83	3
7	Suzhou	82	7	57	17	117	5
8	Nanjing	99	21	96	17	109	10
9	Tianjin	104	31	86	18	149	24
10	Taichung	116	10	117	11	116	4

3.3 Nigerian cities moved down to the lower-middle range of the global rankings

The Top 10 cities of Nigeria generally rank low in the global rankings, with Lagos, the highest-ranking one of them at the 321st place, and most of the rest below 400th. Eight of the Top 10 cities moved down the global rankings and their performances on the two Tier-2 indicators are also unsatisfactory.

Table 13 Top 10 Nigerian cities and changes in their global rankings, 2017-2018

Ranking	City	Sustainable competitiveness		High-income population increment		High-income population density	
		Global ranking	Change	Global ranking	Change	Global ranking	Change
1	Lagos	321	-3	309	28	332	-24
2	Ikorodu	377	15	360	37	418	-31
3	Abuja	416	-18	367	-6	477	-22
4	Port Harcourt	497	-5	455	31	539	-24
5	Kano	554	-24	678	-4	480	-34
6	Zaria	604	31	728	46	511	-16
7	Benin City	616	-23	778	-25	484	-30
8	Enugu	652	-29	791	-16	510	-28
9	Akure	667	-26	788	-16	537	-36
10	Aba	676	-29	799	-8	533	-34



3.4 Brazilian cities are generally in the upper-middle range of the world rankings but show a downward trend

The Top 10 cities of Brazil, are generally in the upper middle range of the world by sustainable competitiveness, or the first third of the list, but a downward trend is clear with all of the Top 10 cities moving down more or less. On the two Tier-2 indicators they are also generally moving down, which requires close attention.

Table 14 Top 10 Brazilian cities and changes in their global rankings, 2017-2018

Ranking	City	Sustainable competitiveness		High-income population increment		High-income population density	
		Global ranking	Change	Global ranking	Change	Global ranking	Change
1	Sao Paulo	88	-1	46	0	176	-14
2	Rio de Janeiro	168	-4	107	2	217	-6
3	Brasilia	220	-8	143	-1	297	-5
4	Porto Alegre	235	-13	317	-23	184	-8
5	Greater Vitória	252	-4	223	2	266	-7
6	Campinas	277	-12	248	-15	300	-6
7	Ribeirao Preto	307	-17	414	-38	231	-13
8	Sao Jose dos Campos	309	-16	384	-24	255	-12
9	Belo Horizonte	330	-10	232	0	440	-19
10	Jundiai	339	-20	543	-71	237	-15



3.5 Sustainable competitiveness of American cities rose steadily

The Top 10 cities of the United States are all within the Top 30 of the world, and three of them are in the Top 10, leading the world. Their rankings in the world remained generally stable and moved up slightly. Specifically, New York, San Francisco and Philadelphia kept their positions, Boston and Cleveland move down slightly, and Chicago, Los Angeles, Houston, Miami and San Jose all moved up. The Top 10 cities of the United States also rank high by high-income population increment, but their rankings by high-income population density are relatively low due to an low population density on the whole.

Table 15 Top 10 U.S. cities and changes in their global rankings, 2017-2018

Ranking	City	Sustainable competitiveness		High-income incre		High-income population density	
		Global ranking	Change	Global ranking	Change	Global ranking	Change
1	New York- Newark	3	0	2	-1	41	0
2	San Francisco- Oakland	7	0	8	1	34	2
3	Chicago	10	2	7	0	88	0
4	Boston	15	-1	12	1	65	-2
5	Philadelphia	18	0	13	1	67	1
6	Los Angeles- Long Beach- Santa Ana	20	7	3	1	203	11
7	Houston	23	1	9	-1	127	2
8	Miami	25	1	23	1	64	1
9	Cleveland	27	-2	75	-7	13	0
10	San Jose	30	1	28	-1	69	7

3.6 German cities fell slightly in the global rankings, but had a clear leading edge in high-income population density

Nine of the Top 10 cities of Germany are within the Top 100 of the world by sustainable competitiveness, but most of them dropped slightly on the global list. Apart from Frankfurt and Dresden, the rest cities had moved down by one to four places respectively. The high-income population density of German cities remain high in the world, but their high-income population increment rank relatively low.

Table 16 Top 10 German cities and changes in their global rankings,2017-2018

Ranking	City	Sustainable competitiveness		High-income population increment		High-income population density	
		Global ranking	Change	Global ranking	Change	Global ranking	Change
1	Munich	11	-1	53	-2	2	0
2	Stuttgart	12	-1	43	0	4	0
3	Frankfurt am Main	16	0	49	1	7	0
4	Berlin	24	-2	47	1	15	0
5	Hamburg	32	-2	74	-1	18	1
6	Hannover	40	-4	141	-6	8	0
7	Cologne	63	-2	131	2	23	1
8	Dortmund	84	-3	324	-40	12	-3
9	Essen	93	-2	365	-31	14	0
10	Dresden	102	1	196	-15	57	1



The cities of developed countries are still in dominant positions in the global pattern, but the leading cities of developing countries are moving rapidly up, playing more conspicuous roles in the world. The distribution and development of the sustainable competitiveness of cities worldwide remain unbalanced, as many lower-ranking cities move up rapidly while some leading cities are slight retreating. Countries and cities at all stages of development are facing challenges. For developing cities, there is the problem of how to learn from and catch up with and overtake more developed peers. For current leading cities, it is important to maintain their leading positions and further consolidate their competitiveness and attractiveness.

Appendix

Sustainable Competitiveness Rankings of Cities Worldwide, 2017–2018

cita	COUNTY	score	Ran	king	cita	Country	score	/ Q
Tokyo	Japan	1.0000	1		Berlin	Germany	0.7718	24
Singapore	Singapore	0.9787	2		Miami	U.S.A.	0.7666	25
New York-Newark	U.S.A.	0.9396	3		Melbourne	Australia	0.7539	26
London	U.K.	0.9019	4		Cleveland	U.S.A.	0.7504	27
Paris	France	0.8862	5		Rome	Italy	0.7478	29
Hong Kong	China	0.8860	6		San Jose	U.S.A.	0.7424	30
San Francisco-Oakland	U.S.A.	0.8587	7		Manchester	U.K.	0.7339	31
Osaka	Japan	0.8397	8		Hamburg	Germany	0.7330	32
Barcelona	Spain	0.8371	9		Seattle	U.S.A.	0.7325	33
Chicago	U.S.A.	0.8245	10		Baltimore	U.S.A.	0.7245	34
Munich	Germany	0.8220	11		Hiroshima	Japan	0.7216	35
Stuttgart	Germany	0.8179	12		Atlanta	U.S.A.	0.7209	36
Stockholm	Sweden	0.8078	13		Zurich	Switzerland	0.7203	37
Madrid	Spain	0.8049	14		Milan	Italy	0.7186	38
Boston	U.S.A.	0.8043	15		Dallas-Fort Worth	U.S.A.	0.7183	39
Frankfurt am Main	Germany	0.8015	16		Hannover	Germany	0.7180	40
Moscow	Russian	0.7992	17		Vienna	Austria	0.7174	41
Shenzhen	China	0.7489	17		Birmingham	U.K.	0.7166	42
Philadelphia	U.S.A.	0.7978	18		Montreal	Canada	0.7155	43
Seoul	Republic of Korea	0.7964	19		Shanghai	China	0.7132	44
Los Angeles-Long Beach-Santa Ana	U.S.A.	0.7846	20		Amsterdam	Netherlands	0.7072	45
Toronto	Canada	0.7818	21		Denver-Aurora	U.S.A.	0.7063	46
Taipei	China	0.7784	22		Salt Lake City	U.S.A.	0.7048	47
Houston	U.S.A.	0.7725	23		Copenhagen	Denmark	0.7039	48

Tel Aviv-Yafo	Israel	0.6984	49
Raleigh	U.S.A.	0.6976	50
Sydney	Australia	0.6972	51
Perth	Australia	0.6960	52
Kitakyushu-Fukuoka	Japan	0.6948	53
Nagoya	Japan	0.6939	54
Geneva	Switzerland	0.6884	55
San Diego	U.S.A.	0.6864	56
Vancouver	Canada	0.6856	57
Washington, D.C.	U.S.A.	0.6831	58
Buenos Aires	Argentina	0.6830	59
Bridgeport-Stamford	U.S.A.	0.6818	60
Orlando	U.S.A.	0.6806	61
Brussels	Belgium	0.6790	62
Cologne	Germany	0.6786	63
Incheon	Republic of Korea	0.6781	64
Doha	Qatar	0.6778	65
Beijing	China	0.6777	66
Detroit	U.S.A.	0.6767	67
Richmond	U.S.A.	0.6741	68
West Yorkshire	U.K.	0.6726	69
Hartford	U.S.A.	0.6725	70
Austin	U.S.A.	0.6692	71
Valencia	Spain	0.6670	72
Guangzhou	China	0.6656	73
Jerusalem	Israel	0.6648	74
Helsinki	Finland	0.6648	75
Kuala Lumpur	Malaysia	0.6626	76
Ulsan	Republic of Korea	0.6604	77
Daejeon	Republic of Korea	0.6538	78
Milwaukee	U.S.A.	0.6523	79
Columbus	U.S.A.	0.6511	80
Haifa	Israel	0.6480	81
Suzhou	China	0.6451	82
Sapporo	Japan	0.6415	83
Dortmund	Germany	0.6382	84
Antwerp	Belgium	0.6347	85
Istanbul	Turkey	0.6337	86
Louisville	U.S.A.	0.6337	87
Sao Paulo	Brazil	0.6314	88

Dubai	United Arab Emirates	0.6279	89
Phoenix-Mesa	U.S.A.	0.6254	90
Glasgow	U.K.	0.6250	91
Malaga	Spain	0.6224	92
Essen	Germany	0.6209	93
Gwangju	Republic of Korea	0.6208	94
Calgary	Canada	0.6193	95
San Jose	Costa Rica	0.6185	96
Adelaide	Australia	0.6182	97
Las Vegas	U.S.A.	0.6169	98
Nanjing	China	0.6143	99
Busan	Republic of Korea	0.6141	100
Daegu	Republic of Korea	0.6100	101
Dresden	Germany	0.6075	102
Dusseldorf	Germany	0.6066	103
Tianjin	China	0.6052	104
New Haven	U.S.A.	0.6049	105
Naples	Italy	0.6035	106
Riyadh	Saudi Arabia	0.6032	107
Athens	Greece	0.6026	108
Virginia Beach	U.S.A.	0.5993	109
Mexico City	Mexico	0.5983	110
Worcester	U.S.A.	0.5973	111
Lille	France	0.5969	112
Lyon	France	0.5968	113
Auckland	New Zealand	0.5967	114
Santiago de Chile	Chile	0.5943	115
Taichung	China	0.5942	116
Hamilton	Canada	0.5941	117
Hague	Netherlands	0.5941	118
Zaragoza	Spain	0.5933	119
Xiamen	China	0.5932	120
Brisbane	Australia	0.5927	121
Tampa-St. Petersburg	U.S.A.	0.5924	122
Nashville-Davidson	U.S.A.	0.5912	123
Leipzig	Germany	0.5887	124
Dublin	Ireland	0.5848	125
Baton Rouge	U.S.A.	0.5828	126
Belfast	U.K.	0.5826	127
Colorado Springs	U.S.A.	0.5819	128

Charlotte U.S.A. 0.5804 129 Saint Petersburg Russian 0.5776 130 Pretoria South Africa 0.5764 131 Rotterdam Netherlands 0.5760 132 Minneapolis-Saint Paul U.S.A. 0.5757 133 Buffalo U.S.A. 0.5753 134 Foshan China 0.5732 136 Macao China 0.5729 137 Kaohsiung China 0.5723 138 Liege Belgjum 0.5689 139 Sendai Japan 0.5684 140 Astana Kazakhstan 0.5673 141 Torino Italy 0.5673 142 Qingdao China 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5662 144 Hangzhou China 0.5648 146 Hangzhou China 0.5646				
Pretoria South Africa 0.5764 131 Rotterdam Netherlands 0.5760 132 Minneapolis-Saint Paul U.S.A. 0.5757 133 Buffalo U.S.A. 0.5753 134 Foshan China 0.5742 135 Medina Saudi Arabia 0.5739 136 Macao China 0.5729 137 Kaohsiung China 0.5723 138 Liege Belgium 0.5689 139 Sendai Japan 0.5684 140 Astana Kazakhstan 0.5673 141 Torino Italy 0.5673 142 Qingdao China 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5662 144 Wuxi China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148	Charlotte	U.S.A.	0.5804	129
Rotterdam Netherlands 0.5760 132 Minneapolis-Saint Paul U.S.A. 0.5757 133 Buffalo U.S.A. 0.5753 134 Foshan China 0.5742 135 Medina Saudi Arabia 0.5739 136 Macao China 0.5729 137 Kaohsiung China 0.5723 138 Liege Belgium 0.5689 139 Sendai Japan 0.5684 140 Astana Kazakhstan 0.5673 141 Torino Italy 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5648 146 Hangzhou China 0.5648 146 Hangzhou China 0.5648 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149	Saint Petersburg	Russian	0.5776	130
Minneapolis-Saint Paul U.S.A. 0.5757 133 Buffalo U.S.A. 0.5753 134 Foshan China 0.5742 135 Medina Saudi Arabia 0.5739 136 Macao China 0.5729 137 Kaohsiung China 0.5723 138 Liege Belgium 0.5689 139 Sendai Japan 0.5684 140 Astana Kazakhstan 0.5673 141 Torino Italy 0.5673 142 Qingdao China 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5647 147 Provo-Orem U.S.A. 0.5648 146 Hangzhou China 0.5648 148 Osto Norway 0.5628 149 Bogota Colombia 0.5616 150 <td>Pretoria</td> <td>South Africa</td> <td>0.5764</td> <td>131</td>	Pretoria	South Africa	0.5764	131
Buffalo U.S.A. 0.5753 134 Foshan China 0.5742 135 Medina Saudi Arabia 0.5739 136 Macao China 0.5729 137 Kaohsiung China 0.5629 139 Sendai Japan 0.5689 139 Sendai Japan 0.5684 140 Astana Kazakhstan 0.5673 141 Torino Italy 0.5663 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151	Rotterdam	Netherlands	0.5760	132
Foshan China 0.5742 135 Medina Saudi Arabia 0.5739 136 Macao China 0.5729 137 Kaohsiung China 0.5723 138 Liege Belgium 0.5689 139 Sendai Japan 0.5684 140 Astana Kazakhstan 0.5673 141 Torino Italy 0.5673 142 Qingdao China 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152	Minneapolis-Saint Paul	U.S.A.	0.5757	133
Medina Saudi Arabia 0.5739 136 Macao China 0.5729 137 Kaohsiung China 0.5723 138 Liege Belgium 0.5689 139 Sendai Japan 0.5684 140 Astana Kazakhstan 0.5673 141 Torino Italy 0.5673 142 Qingdao China 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5660 145 Chengdu China 0.5647 147 Provo-Orem U.S.A. 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 Wuhan China 0.5567 152	Buffalo	U.S.A.	0.5753	134
Macao China 0.5729 137 Kaohsiung China 0.5723 138 Liege Belgium 0.5689 139 Sendai Japan 0.5684 140 Astana Kazakhstan 0.5673 141 Torino Italy 0.5673 142 Qingdao China 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5561 156	Foshan	China	0.5742	135
Kaohsiung China 0.5723 138 Liege Belgium 0.5689 139 Sendai Japan 0.5684 140 Astana Kazakhstan 0.5673 141 Torino Italy 0.5673 142 Qingdao China 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5660 145 Chengdu China 0.5648 146 Hangzhou China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 <	Medina	Saudi Arabia	0.5739	136
Liege Belgium 0.5689 139 Sendai Japan 0.5684 140 Astana Kazakhstan 0.5673 141 Torino Italy 0.5673 142 Qingdao China 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5558 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5556 155 Pittsburgh U.S.A. 0.5558	Масао	China	0.5729	137
Sendai Japan 0.5684 140 Astana Kazakhstan 0.5673 141 Torino Italy 0.5673 142 Qingdao China 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5556 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 15	Kaohsiung	China	0.5723	138
Astana Kazakhstan 0.5673 141 Torino Italy 0.5673 142 Qingdao China 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5609 151 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5533	Liege	Belgium	0.5689	139
Torino Italy 0.5673 142 Qingdao China 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5567 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5533 159 San Juan Puerto Rico 0.5531	Sendai	Japan	0.5684	140
Qingdao China 0.5664 143 San Antonio U.S.A. 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5558 157 Dongguan China 0.5533 159 San Juan Puerto Rico 0.5531	Astana	Kazakhstan	0.5673	141
San Antonio U.S.A. 0.5662 144 Wuxi China 0.5660 145 Chengdu China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5567 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5558 157 Dongguan China 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525	Torino	Italy	0.5673	142
Wuxi China 0.5660 145 Chengdu China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5558 157 Dongguan China 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 <t< td=""><td>Qingdao</td><td>China</td><td>0.5664</td><td>143</td></t<>	Qingdao	China	0.5664	143
Chengdu China 0.5648 146 Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5558 157 Dongguan China 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5504	San Antonio	U.S.A.	0.5662	144
Hangzhou China 0.5647 147 Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5558 157 Dongguan China 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5504 164 Verona Italy 0.5490	Wuxi	China	0.5660	145
Provo-Orem U.S.A. 0.5646 148 Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5556 158 Barcelona-Puerto La Cruz Venezuela 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5504 164 Verona Italy 0.5490 166 Zhongshan China <t< td=""><td>Chengdu</td><td>China</td><td>0.5648</td><td>146</td></t<>	Chengdu	China	0.5648	146
Oslo Norway 0.5628 149 Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5558 157 Dongguan China 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5490 166 Zhongshan China 0.5490	Hangzhou	China	0.5647	147
Bogota Colombia 0.5616 150 Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5558 157 Dongguan China 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166	Provo-Orem	U.S.A.	0.5646	148
Shizuoka-Hamamatsu M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5556 158 Barcelona-Puerto La Cruz Venezuela 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5490 166 Zhongshan China 0.5490 166	Oslo	Norway	0.5628	149
M.M.A. Japan 0.5609 151 New Orleans U.S.A. 0.5607 152 Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5556 158 Barcelona-Puerto La Cruz Venezuela 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167	Bogota	Colombia	0.5616	150
Wuhan China 0.5598 153 Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5556 158 Barcelona-Puerto La Cruz Venezuela 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167		Japan	0.5609	151
Providence U.S.A. 0.5567 154 Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5556 158 Barcelona-Puerto La Cruz Venezuela 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167	New Orleans	U.S.A.	0.5607	152
Ottawa-Gatineau Canada 0.5565 155 Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5556 158 Barcelona-Puerto La Cruz Venezuela 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167	Wuhan	China	0.5598	153
Pittsburgh U.S.A. 0.5561 156 Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5556 158 Barcelona-Puerto La Cruz Venezuela 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167	Providence	U.S.A.	0.5567	154
Jedda Saudi Arabia 0.5558 157 Dongguan China 0.5556 158 Barcelona-Puerto La Cruz Venezuela 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167	Ottawa-Gatineau	Canada	0.5565	155
Dongguan China 0.5556 158 Barcelona-Puerto La Cruz Venezuela 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167	Pittsburgh	U.S.A.	0.5561	156
Barcelona-Puerto La Cruz Venezuela 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167	Jedda	Saudi Arabia	0.5558	157
Cruz Venezuela 0.5533 159 San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167	Dongguan	China	0.5556	158
San Juan Puerto Rico 0.5531 160 Venice Italy 0.5528 161 Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167		Venezuela	0.5533	159
Lima Peru 0.5525 162 Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167		Puerto Rico	0.5531	160
Leicester U.K. 0.5521 163 Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167	Venice	Italy	0.5528	161
Indianapolis U.S.A. 0.5504 164 Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167	Lima	Peru	0.5525	162
Verona Italy 0.5500 165 Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167	Leicester	U.K.	0.5521	163
Zhongshan China 0.5490 166 Honolulu U.S.A. 0.5490 167	Indianapolis	U.S.A.	0.5504	164
Honolulu U.S.A. 0.5490 167	Verona	Italy	0.5500	165
	Zhongshan	China	0.5490	166
Rio de Janeiro Brazil 0.5484 168	Honolulu	U.S.A.	0.5490	167
	Rio de Janeiro	Brazil	0.5484	168

Changsha	China	0.5470	169
Gold Coast	Australia	0.5462	170
Oklahoma City	U.S.A.	0.5455	171
Lisbon	Portugal	0.5440	172
Toulouse	France	0.5433	173
Kansas City	U.S.A.	0.5432	174
Bologna	Italy	0.5410	175
Marseille-Aix-en- Provence	France	0.5398	176
Tainan	China	0.5367	177
Ningbo	China	0.5365	178
Charleston-North Charleston	U.S.A.	0.5332	179
Florence	Italy	0.5324	180
Valencia	Venezuela	0.5323	181
Ogden	U.S.A.	0.5310	182
Columbia	U.S.A.	0.5292	183
Changzhou	China	0.5289	184
Budapest	Hungary	0.5286	185
Memphis	U.S.A.	0.5285	186
Montevideo	Uruguay	0.5272	187
Bristol	U.K.	0.5266	188
Niigata	Japan	0.5241	189
Caracas	Venezuela	0.5227	190
Dayton	U.S.A.	0.5214	191
Rochester	U.S.A.	0.5209	192
Liverpool	U.K.	0.5207	193
Yantai	China	0.5186	194
Abu Dhabi	United Arab Emirates	0.5181	195
Hefei	China	0.5172	196
Ahvaz	Iran	0.5159	197
Tehran	Iran	0.5131	198
Porto	Portugal	0.5121	199
Prague	Czech Republic	0.5121	200
Zhengzhou	China	0.5119	201
jinan	China	0.5103	202
Sofia	Bulgaria	0.5096	203
Dammam	Saudi Arabia	0.5095	204
Cincinnati	U.S.A.	0.5090	205
Bangkok	Thailand	0.5078	206
Sharjah	United Arab Emirates	0.5076	207
Karaj	Iran	0.5065	208
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Mecca	Saudi Arabia	0.5053	209
Minsk	Belarus	0.5049	210
Leon	Mexico	0.5048	211
Amman	Jordan	0.5047	212
Zhuhai	China	0.5045	213
Johannesburg	South Africa	0.5038	214
Johor Bahru	Malaysia	0.5033	215
Riverside-San Bernardino	U.S.A.	0.5033	216
Catania	Italy	0.5009	217
Knoxville	U.S.A.	0.5001	218
Zhenjiang	China	0.4996	219
Brasilia	Brazil	0.4993	220
Birmingham	U.S.A.	0.4986	221
Dalian	China	0.4985	222
Akron	U.S.A.	0.4983	223
Cape Coral	U.S.A.	0.4974	224
Changwon	Republic of Korea	0.4971	225
Kumamoto	Japan	0.4959	226
Nottingham	U.K.	0.4953	227
Shenyang	China	0.4946	228
Kuwait City	Kuwait	0.4929	229
Edmonton	Canada	0.4913	230
Rosario	Argentina	0.4913	231
Quebec	Canada	0.4903	232
Gothenburg	Sweden	0.4892	233
Xi'an	China	0.4887	234
Porto Alegre	Brazil	0.4865	235
Newcastle upon Tyne	U.K.	0.4863	236
Nantes	France	0.4859	237
Santo Domingo	Dominican Republic	0.4849	238
Samut Prakan	Thailand	0.4843	239
Maracaibo	Venezuela	0.4840	240
Sheffield	U.K.	0.4834	241
Portland	U.S.A.	0.4825	242
Genoa	Italy	0.4823	243
Bordeaux	France	0.4813	244
Allentown	U.S.A.	0.4811	245
Bucuresti	Romania	0.4809	246
Bari	Italy	0.4797	247
Grand Rapids	U.S.A.	0.4797	248

Ankara	Turkey	0.4787	249
Maracay	Venezuela	0.4771	250
Changchun	China	0.4754	251
Greater Vitória	Brazil	0.4747	252
Xuzhou	China	0.4744	253
Winnipeg	Canada	0.4744	254
Fuzhou(FJ)	China	0.4740	255
Beirut	Lebanon	0.4738	256
Nantong	China	0.4738	257
Mendoza	Argentina	0.4729	258
Nanchang	China	0.4727	259
Poznan	Poland	0.4723	260
Cape Town	South Africa	0.4699	261
Bursa	Turkey	0.4692	262
Izmir	Turkey	0.4686	263
Seville	Spain	0.4685	264
Zibo	China	0.4675	265
Jakarta	Indonesia	0.4665	266
Panama City	Panama	0.4650	267
Muscat	Oman	0.4649	268
Yangzhou	China	0.4626	269
Shaoxing	China	0.4596	270
Toulon	France	0.4584	271
Quanzhou	China	0.4583	272
Cordoba	Argentina	0.4565	273
Monterrey	Mexico	0.4562	274
Hsinchu	China	0.4562	275
Tijuana	Mexico	0.4550	276
Campinas	Brazil	0.4542	277
Havana	Cuba	0.4537	278
Padova	Italy	0.4535	279
Jiaxing	China	0.4533	280
El Paso	U.S.A.	0.4503	281
Taiyuan	China	0.4493	282
Omaha	U.S.A.	0.4479	283
Tangshan	China	0.4468	284
Medellin	Colombia	0.4468	285
Sacramento	U.S.A.	0.4463	286
Palermo	Italy	0.4458	287
Huizhou	China	0.4442	288
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Thessaloniki	Greece	0.4432	289
Tyumen	Russian	0.4432	290
Weihai	China	0.4431	291
Dongying	China	0.4431	292
Nice	France	0.4430	293
Oran	Algeria	0.4429	294
Taizhou(JS)	China	0.4428	295
Chongqing	China	0.4428	296
Gebze	Turkey	0.4425	297
Shijiazhuang	China	0.4421	298
Be'er Sheva	Israel	0.4392	299
Luanda	Angola	0.4389	300
Bakersfield	U.S.A.	0.4378	301
Santiago de Los Caballeros	Dominican Republic	0.4372	302
Juarez	Mexico	0.4369	303
Taizhou(ZJ)	China	0.4365	304
Krakow	Poland	0.4353	305
Warsaw	Poland	0.4337	306
Ribeirao Preto	Brazil	0.4336	307
Weifang	China	0.4324	308
Sao Jose dos Campos	Brazil	0.4316	309
Guadalajara	Mexico	0.4313	310
Baku	Azerbaijan	0.4303	311
Harbin	China	0.4294	312
Adana	Turkey	0.4280	313
Ufa	Russian	0.4274	314
Tulsa	U.S.A.	0.4266	315
Ipoh	Malaysia	0.4265	316
Quito	Ecuador	0.4264	317
Kunming	China	0.4255	318
Nanning	China	0.4249	319
Delhi	India	0.4244	320
Lagos	Nigeria	0.4240	321
Algiers	Algeria	0.4220	322
San Luis Potosi	Mexico	0.4213	323
Surabaya	Indonesia	0.4201	324
Guiyang	China	0.4187	325
-	China Argentina	0.4187 0.4185	325 326
Guiyang			

Xiangtan	China	0.4152	329
Belo Horizonte	Brazil	0.4150	330
Daqing	China	0.4144	331
Tucson	U.S.A.	0.4142	332
Zhuzhou	China	0.4133	333
Lodz	Poland	0.4117	334
Sarasota-Bradenton	U.S.A.	0.4113	335
Asuncion	Paraguay	0.4112	336
Zagreb	Croatia	0.4105	337
Baghdad	Iraq	0.4092	338
Jundiai	Brazil	0.4087	339
Merida	Mexico	0.4076	340
Samara	Russian	0.4054	341
Durban	South Africa	0.4053	342
Haikou	China	0.4031	343
Fresno	U.S.A.	0.4021	344
Hohhot	China	0.4018	345
Yancheng	China	0.4010	346
Villahermosa	Mexico	0.4007	347
Zhoushan	China	0.4003	348
Bremen	Germany	0.4003	349
Rizhao	China	0.4001	350
McAllen	U.S.A.	0.3996	351
Wuhu	China	0.3990	352
Erbil	Iraq	0.3983	353
Kaifeng	China	0.3972	354
Zhangzhou	China	0.3963	355
Queretaro	Mexico	0.3960	356
Wenzhou	China	0.3959	357
Albuquerque	U.S.A.	0.3959	358
Belgrade	Serbia	0.3942	359
Urumqi	China	0.3939	360
Almaty	Kazakhstan	0.3938	361
Curitiba	Brazil	0.3933	362
Luoyang	China	0.3931	363
Jinhua	China	0.3929	364
Santa Cruz	Bolivia	0.3925	365
Lanzhou	China	0.3923	366
Manaus	Brazil	0.3907	367
Recife	Brazil	0.3905	368

Torreon	Mexico	0.3900	369
Huzhou	China	0.3873	370
Handan	China	0.3870	371
Liuzhou	China	0.3855	372
Perm	Russian	0.3851	373
Jiangmen	China	0.3842	374
Jilin	China	0.3840	375
Bangalore	India	0.3835	376
Ikorodu	Nigeria	0.3824	377
Yichang	China	0.3823	378
Baotou	China	0.3823	379
Anshan	China	0.3818	380
Batam	Indonesia	0.3817	381
Sorocaba	Brazil	0.3809	382
Samarinda	Indonesia	0.3804	383
Taian	China	0.3804	384
Kazan	Russian	0.3801	385
Guatemala City	Guatemala	0.3789	386
Dezhou	China	0.3785	387
Mar Del Plata	Argentina	0.3782	388
Pekanbaru	Indonesia	0.3781	389
Aguascalientes	Mexico	0.3780	390
Shantou	China	0.3773	391
Cartagena	Colombia	0.3771	392
Cali	Colombia	0.3765	393
Panjin	China	0.3758	394
Shiraz	Iran	0.3755	395
Lianyungang	China	0.3753	396
Antalya	Turkey	0.3748	397
Albany	U.S.A.	0.3741	398
Matamoros	Mexico	0.3737	399
Fortaleza	Brazil	0.3737	400
Yangjiang	China	0.3733	401
Puebla	Mexico	0.3723	402
Kiev	Ukraine	0.3709	403
Langfang	China	0.3701	404
Huaian	China	0.3700	405
Xiangyang	China	0.3698	406
Jieyang	China	0.3690	407
Zaozhuang	China	0.3685	408

Beihai Tripoli Putian Anyang Xining Binzhou Abuja Zhaoqing	China Libya China China China China Nigeria China China China	0.3684 0.3683 0.3678 0.3671 0.3657 0.3653 0.3652 0.3644	410 411 412 413 414 415 416
Putian Anyang Xining Binzhou Abuja	China China China Nigeria China China	0.3678 0.3671 0.3657 0.3653 0.3652 0.3644	412 413 414 415 416
Anyang Xining Binzhou Abuja	China China Nigeria China China China	0.3671 0.3657 0.3653 0.3652 0.3644	413 414 415 416
Xining Binzhou Abuja	China China Nigeria China China	0.3657 0.3653 0.3652 0.3644	414 415 416
Binzhou Abuja	China Nigeria China China	0.3653 0.3652 0.3644	415 416
Abuja	Nigeria China China	0.3652	416
	China China	0.3644	
Zhaoqing	China		417
		0.0040	
Yinchuan		0.3643	418
Ma'anshan	China	0.3641	419
Deyang	China	0.3635	420
Nanyang	China	0.3621	421
Toluca	Mexico	0.3619	422
Buraydah	Saudi Arabia	0.3619	423
Mumbai	India	0.3618	424
Saratov	Russian	0.3617	425
Joinville	Brazil	0.3616	426
Jiaozuo	China	0.3609	427
Bengbu	China	0.3601	428
Puyang	China	0.3594	429
Goiania	Brazil	0.3594	430
Riga	Latvia	0.3592	431
Gaziantep	Turkey	0.3592	432
Huangshi	China	0.3587	433
Salvador	Brazil	0.3582	434
Manila	Philippines	0.3570	435
Saltillo	Mexico	0.3566	436
Maoming	China	0.3560	437
Jinzhou	China	0.3557	438
San Salvador	El Salvador	0.3553	439
Belem	Brazil	0.3545	440
Ezhou	China	0.3544	441
Guayaquil	Ecuador	0.3539	442
Chenzhou	China	0.3538	443
Qinhuangdao	China	0.3530	444
Baoding	China	0.3516	445
Ashgabat	Turkmenistan	0.3509	446
Jingdezhen	China	0.3506	447
Kuching	Malaysia	0.3505	448

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Yuxi	China	0.3493	449
Tabriz	Iran	0.3484	450
Nairobi	Kenya	0.3481	451
Uberlandia	Brazil	0.3480	452
Wuzhou	China	0.3474	453
Xinyu	China	0.3460	454
Hermosillo	Mexico	0.3460	455
Arequipa	Peru	0.3459	456
Culiacan	Mexico	0.3453	457
Mashhad	Iran	0.3437	458
Luohe	China	0.3434	459
Mianyang	China	0.3432	460
Pingdingshan	China	0.3423	461
Heze	China	0.3422	462
Luzhou	China	0.3420	463
Liaocheng	China	0.3406	464
Zigong	China	0.3405	465
Suqian	China	0.3402	466
Port Elizabeth	South Africa	0.3402	467
Pingxiang	China	0.3397	468
Ordoss	China	0.3393	469
Balikpapan	Indonesia	0.3390	470
Yaroslavl	Russian	0.3390	471
Tomsk	Russian	0.3381	472
Yueyang	China	0.3378	473
Reynosa	Mexico	0.3376	474
Hengshui	China	0.3376	475
Liaoyang	China	0.3375	476
Tunis	Tunisia	0.3365	477
Londrina	Brazil	0.3361	478
Bandung	Indonesia	0.3359	479
Cangzhou	China	0.3357	480
Ваојі	China	0.3345	481
Yingtan	China	0.3340	482
Grande Sao Luis	Brazil	0.3326	483
Liupanshui	China	0.3325	484
Huaibei	China	0.3325	485
Hebi	China	0.3324	486
Maturín	Venezuela	0.3322	487
Cancun	Mexico	0.3321	488

Ganzhou	China	0.3319	489
Wroclaw	Poland	0.3318	490
Tongling	China	0.3313	491
Chaozhou	China	0.3306	492
Guilin	China	0.3303	493
Cochabamba	Bolivia	0.3295	494
Jingmen	China	0.3294	495
Sanya	China	0.3286	496
Port Harcourt	Nigeria	0.3284	497
Barnaul	Russian	0.3281	498
Samsun	Turkey	0.3270	499
Trujillo	Peru	0.3250	500
Novosibirsk	Russian	0.3249	501
Linyi	China	0.3247	502
Pachuca de Soto	Mexico	0.3241	503
Yibin	China	0.3239	504
La Plata	Argentina	0.3237	505
Jingzhou	China	0.3236	506
Songyuan	China	0.3222	507
Pereira	Colombia	0.3217	508
Tbilisi	Georgia	0.3202	509
Panzhihua	China	0.3193	510
Malang	Indonesia	0.3185	511
Ziyang	China	0.3180	512
Shangrao	China	0.3178	513
Juiz De Fora	Brazil	0.3171	514
Sanming	China	0.3168	515
Tonghua	China	0.3165	516
Xinxiang	China	0.3165	517
Chennai	India	0.3160	518
Accra	Ghana	0.3158	519
Yingkou	China	0.3158	520
Shiyan	China	0.3157	521
Changde	China	0.3156	522
Tolyatti	Russian	0.3155	523
Xianyang	China	0.3153	524
Joao Pessoa	Brazil	0.3150	525
Longyan	China	0.3143	526
Ningde	China	0.3142	527
Chihuahua	Mexico	0.3142	528

Yiyang	China	0.3138	529
Palembang	Indonesia	0.3138	530
Yulin(SX)	China	0.3136	531
Datong	China	0.3131	532
Dhaka	Bangladesh	0.3130	533
Zhanjiang	China	0.3121	534
Quzhou	China	0.3115	535
Hengyang	China	0.3108	536
Yulin(GX)	China	0.3102	537
Cairo	Egypt	0.3099	538
Barranquilla	Colombia	0.3086	539
Krasnodar	Russian	0.3082	540
Teresina	Brazil	0.3076	541
Irkutsk	Russian	0.3073	542
Xingtai	China	0.3072	543
Fushun	China	0.3071	544
Liaoyuan	China	0.3066	545
Kochi	India	0.3065	546
Campo Grande	Brazil	0.3063	547
Tegucigalpa	Honduras	0.3060	548
Leshan	China	0.3054	549
San Miguel de Tucuman	Argentina	0.3045	550
Qingyuan	China	0.3045	551
Kirkuk	Iraq	0.3037	552
Meishan	China	0.3032	553
Kano	Nigeria	0.3030	554
Wuhai	China	0.3027	555
Zhumadian	China	0.3026	556
Ryazan	Russian	0.3023	557
Astrakhan'	Russian	0.3022	558
Changzhi	China	0.3020	559
Sulaymaniyah	Iraq	0.3016	560
Semarang	Indonesia	0.3010	561
Xinyang	China	0.3009	562
Sanmenxia	China	0.3008	563
Huaihua	China	0.3004	564
Kemerovo	Russian	0.3000	565
Zhoukou	China	0.2993	566
Pune	India	0.2987	567
Benxi	China	0.2984	568

Mexicali	Mexico	0.2983	569
Weinan	China	0.2981	570
Jincheng	China	0.2980	571
Fangchenggang	China	0.2975	572
Siping	China	0.2975	573
Feira De Santana	Brazil	0.2971	574
Xianning	China	0.2970	575
Padang	Indonesia	0.2964	576
Makassar	Indonesia	0.2961	577
Casablanca	Morocco	0.2960	578
Coimbatore	India	0.2953	579
Shaoguan	China	0.2946	580
Barquisimeto	Venezuela	0.2944	581
Lishui	China	0.2943	582
Kingston	Jamaica	0.2935	583
Karamay	China	0.2932	584
Yangquan	China	0.2925	585
Alexandria	Egypt	0.2905	586
Cuiaba	Brazil	0.2903	587
Nanchong	China	0.2893	588
Shuozhou	China	0.2885	589
Ji'an	China	0.2884	590
Orenburg	Russian	0.2882	591
Hamadan	Iran	0.2874	592
Ta'if	Saudi Arabia	0.2870	593
Huainan	China	0.2867	594
Yunfu	China	0.2864	595
Mersin	Turkey	0.2864	596
Jiujiang	China	0.2864	597
Medan	Indonesia	0.2856	598
Xiaogan	China	0.2856	599
Yuncheng	China	0.2845	600
Bogor	Indonesia	0.2838	601
Qinzhou	China	0.2825	602
Ulan Bator	Mongolia	0.2808	603
Zaria	Nigeria	0.2802	604
Zhangjiakou	China	0.2801	605
Esfahan	Iran	0.2789	606
La Paz	Bolivia	0.2788	607
Nanping	China	0.2787	608

Tampico	Mexico	0.2783	609
Kayseri	Turkey	0.2778	610
Huludao	China	0.2773	611
Morelia	Mexico	0.2767	612
Tongliao	China	0.2763	613
Chelyabinsk	Russian	0.2763	614
Rostov-on-Don	Russian	0.2763	615
Benin City	Nigeria	0.2761	616
Hanzhong	China	0.2753	617
Loudi	China	0.2744	618
Cuernavaca	Mexico	0.2740	619
Tieling	China	0.2738	620
Shymkent	Kazakhstan	0.2736	621
Guangan	China	0.2730	622
Shizuishan	China	0.2726	623
Voronezh	Russian	0.2723	624
Suining	China	0.2723	625
Sanliurfa	Turkey	0.2718	626
Celaya	Mexico	0.2715	627
Shangqiu	China	0.2712	628
Huambo	Angola	0.2712	629
Hufuf-Mubarraz	Saudi Arabia	0.2711	630
Kozhikode	India	0.2705	631
Jiamusi	China	0.2702	632
San Pedro Sula	Honduras	0.2697	633
Veracruz	Mexico	0.2697	634
Huangshan	China	0.2691	635
Krasnoyarsk	Russian	0.2685	636
Orumiyeh	Iran	0.2682	637
Zunyi	China	0.2682	638
Phnom Penh	Cambodia	0.2682	639
Vereeniging	South Africa	0.2678	640
Eskisehir	Turkey	0.2674	641
Bhiwandi	India	0.2674	642
Dehra Dun	India	0.2671	643
Chifeng	China	0.2667	644
Omsk	Russian	0.2664	645
Libreville	Gabon	0.2657	646
Misratah	Libya	0.2656	647
Concepcion	Chile	0.2652	648

Chittagong	Bangladesh	0.2651	649
Chengde	China	0.2648	650
Kannur	India	0.2643	651
Enugu	Nigeria	0.2642	652
Dazhou	China	0.2636	653
Yan'an	China	0.2633	654
Marrakech	Morocco	0.2630	655
Ibague	Colombia	0.2628	656
Fuzhou(JX)	China	0.2624	657
Novokuznetsk	Russian	0.2624	658
Jinzhong	China	0.2623	659
Benghazi	Libya	0.2620	660
Fuyang	China	0.2617	661
Kolkata	India	0.2612	662
Natal	Brazil	0.2610	663
Abidjan	Cote d'ivoire	0.2608	664
Hyderabad	India	0.2605	665
Chizhou	China	0.2600	666
Akure	Nigeria	0.2597	667
Cebu	Philippines	0.2585	668
Gaza	State of Palestine	0.2585	669
Chuzhou	China	0.2579	670
Rasht	Iran	0.2577	671
Maceio	Brazil	0.2574	672
Rajshahi	Bangladesh	0.2569	673
Yichun(JX)	China	0.2569	674
Khartoum	Sudan	0.2561	675
Aba	Nigeria	0.2560	676
Douala	Cameroon	0.2559	677
Karachi	Pakistan	0.2556	678
Managua	Nicaragua	0.2552	679
Anqing	China	0.2547	680
Acapulco	Mexico	0.2545	681
Fuxin	China	0.2544	682
Neijiang	China	0.2540	683
Anshun	China	0.2537	684
Shanwei	China	0.2533	685
Linfen	China	0.2533	686
Colombo	Sri Lanka	0.2524	687
Kampala	Uganda	0.2519	688

Chaoyang	China	0.2517	689
Oaxaca	Mexico	0.2510	690
Lahore	Pakistan	0.2510	691
Ibadan	Nigeria	0.2508	692
Jos	Nigeria	0.2502	693
Suihua	China	0.2496	694
Florianopolis	Brazil	0.2495	695
Nizhny Novgorod	Russian	0.2492	696
Guigang	China	0.2491	697
Dandong	China	0.2490	698
Yekaterinburg	Russian	0.2489	699
Aracaju	Brazil	0.2480	700
Port-au-Prince	Haiti	0.2469	701
Qujing	China	0.2458	702
Khabarovsk	Russian	0.2457	703
Chiclayo	Peru	0.2457	704
Denizli	Turkey	0.2452	705
Izhevsk	Russian	0.2452	706
Jiayuguan	China	0.2450	707
Chongzuo	China	0.2446	708
Tasikmalaya	Indonesia	0.2445	709
Bucaramanga	Colombia	0.2444	710
Huanggang	China	0.2444	711
Durg-Bhilai Nagar	India	0.2439	712
Mudanjiang	China	0.2435	713
Xuancheng	China	0.2430	714
Malappuram	India	0.2430	715
Bozhou	China	0.2423	716
Baishan	China	0.2421	717
Tuxtla Gutierrez	Mexico	0.2421	718
Ciudad Guayana	Venezuela	0.2420	719
Yongzhou	China	0.2418	720
Basra	Iraq	0.2406	721
Diyarbakir	Turkey	0.2405	722
Harare	Zimbabwe	0.2403	723
Krivoi Rog	Ukraine	0.2401	724
Ahmedabad	India	0.2393	725
Meknes	Morocco	0.2393	726
Kollam	India	0.2390	727
Suzhou (AH)	China	0.2389	728

Owerri	Nigeria	0.2381	729
Cucuta	Colombia	0.2379	730
Poza Rica	Mexico	0.2379	731
Uyo	Nigeria	0.2375	732
Kota	India	0.2363	733
Qingyang	China	0.2358	734
Guwahati	India	0.2355	735
Puducherry	India	0.2345	736
Port Said	Egypt	0.2338	737
Thiruvananthapuram	India	0.2329	738
Heyuan	China	0.2328	739
Can Tho	Viet Nam	0.2323	740
Xalapa	Mexico	0.2320	741
Tlaxcala	Mexico	0.2315	742
Safaqis	Tunisia	0.2314	743
Liuan	China	0.2314	744
Suizhou	China	0.2313	745
Mangalore	India	0.2310	746
Haiphong	Viet Nam	0.2302	747
Davao	Philippines	0.2299	748
Rabat	Morocco	0.2287	749
Warri	Nigeria	0.2273	750
Da Nang	Viet Nam	0.2255	751
Guangyuan	China	0.2246	752
Qom	Iran	0.2246	753
Ludhiana	India	0.2245	754
Salem	India	0.2238	755
Ulanqab	China	0.2236	756
Kitwe	Zambia	0.2234	757
Baicheng	China	0.2234	758
Meizhou	China	0.2231	759
Chisinau	Republic of Moldova	0.2227	760
Kerman	Iran	0.2219	761
Kumasi	Ghana	0.2204	762
Karbala	Iraq	0.2203	763
Volgograd	Russian	0.2199	764
Baoshan	China	0.2194	765
Hezhou	China	0.2192	766
Hanoi	Viet Nam	0.2191	767
Oshogbo	Nigeria	0.2190	768

Santa Marta	Colombia	0.2188	769
Ya'an	China	0.2186	770
Ho Chi Minh City	Viet Nam	0.2185	771
Tangier	Morocco	0.2181	772
Bahawalpur	Pakistan	0.2167	773
Luliang	China	0.2166	774
Hulunbuir	China	0.2166	775
Denpasar	Indonesia	0.2165	776
Ankang	China	0.2161	777
Kermanshah	Iran	0.2160	778
Qiqihar	China	0.2157	779
WuZhong	China	0.2154	780
Lusaka	Zambia	0.2153	781
Lincang	China	0.2146	782
Shaoyang	China	0.2136	783
Mombasa	Kenya	0.2134	784
Cagayan de Oro	Philippines	0.2133	785
Laibin	China	0.2132	786
Pointe-Noire	Congo	0.2132	787
Jinchang	China	0.2120	788
Nagpur	India	0.2119	789
Baise	China	0.2113	790
Islamabad	Pakistan	0.2110	791
Lome	Togo	0.2104	792
Pingliang	China	0.2104	793
Vladivostok	Russian	0.2097	794
Xinzhou	China	0.2094	795
Makhachkala	Russian	0.2092	796
Villavicencio	Colombia	0.2091	797
Nasiriyah	Iraq	0.2073	798
Zhongwei	China	0.2071	799
Surat	India	0.2050	800
Fes	Morocco	0.2049	801
Jodhpur	India	0.2046	802
Konya	Turkey	0.2043	803
Hyderabad	Pakistan	0.2037	804
Visakhapatnam	India	0.2035	805
Bayannur	China	0.2033	806
Shangluo	China	0.2032	807
Bhubaneswar	India	0.2028	808

Tongchuan China 0.2023 810 Onitsha Nigeria 0.2023 811 Kinshasa Congo 0.2015 812 Tabuk Saudi Arabia 0.2008 813 Jalandhar India 0.1996 814 Ardabil Iran 0.1995 815 Ilorin Nigeria 0.1993 817 General Santos City Philippines 0.1993 818 Brazzaville Congo 0.1993 818 Brazzaville Congo 0.1992 819 Asansol India 0.1991 820 Kharkov Ukraine 0.1978 821 Kathmandu Nepal 0.1969 822 Sylhet Bangladesh 0.1968 823 Aurangabad India 0.1968 823 Aurangabad India 0.1968 825 Yerevan Armenia 0.1958 826 Qitaihe China 0.1958	Thrissur	India	0.2024	809
Onitsha Nigeria 0.2023 811 Kinshasa Congo 0.2015 812 Tabuk Saudi Arabia 0.2008 813 Jalandhar India 0.1996 814 Ardabil Iran 0.1995 815 Illorin Nigeria 0.1994 816 Amritsar India 0.1993 817 General Santos City Philippines 0.1993 818 Brazzaville Congo 0.1993 818 Brazzaville Congo 0.1992 819 Asansol India 0.1991 820 Kharkov Ukraine 0.1978 821 Kathmandu Nepal 0.1996 822 Sylhet Bangladesh 0.1968 823 Aurangabad India 0.1968 823 Aurangabad India 0.1968 825 Yerevan Armenia 0.1958 826 Qitaihe China 0.1954				
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Erode India 0.1921 831 Dakar Senegal 0.1906 832 Sialkot Pakistan 0.1901 833 Tirupati India 0.1899 834 Durango Mexico 0.1890 835 Asmara Eritrea 0.1889 836 Bazhong China 0.1886 837 Mysore India 0.1881 838 Khulna Bangladesh 0.1879 839 Ulyanovsk Russian 0.1875 840 Vellore India 0.1872 841 Yazd Iran 0.1870 842 Tianshui China 0.1869 843 Kolhapur India 0.1868 844 Nouakchott Mauritania 0.1864 845 Tashkent Uzbekistan 0.1859 846	Yaounde	Cameroon	0.1936	829
Dakar Senegal 0.1906 832 Sialkot Pakistan 0.1901 833 Tirupati India 0.1899 834 Durango Mexico 0.1890 835 Asmara Eritrea 0.1889 836 Bazhong China 0.1886 837 Mysore India 0.1881 838 Khulna Bangladesh 0.1879 839 Ulyanovsk Russian 0.1879 840 Vellore India 0.1872 841 Yazd Iran 0.1870 842 Tianshui China 0.1869 843 Kolhapur India 0.1868 844 Nouakchott Mauritania 0.1864 845 Tashkent Uzbekistan 0.1859 846	Patna	India	0.1923	830
Sialkot Pakistan 0.1901 833 Tirupati India 0.1899 834 Durango Mexico 0.1890 835 Asmara Eritrea 0.1889 836 Bazhong China 0.1886 837 Mysore India 0.1881 838 Khulna Bangladesh 0.1879 839 Ulyanovsk Russian 0.1875 840 Vellore India 0.1872 841 Yazd Iran 0.1870 842 Tianshui China 0.1869 843 Kolhapur India 0.1868 844 Nouakchott Mauritania 0.1864 845 Tashkent Uzbekistan 0.1859 846	Erode	India	0.1921	831
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Durango Mexico 0.1890 835 Asmara Eritrea 0.1889 836 Bazhong China 0.1886 837 Mysore India 0.1881 838 Khulna Bangladesh 0.1879 839 Ulyanovsk Russian 0.1875 840 Vellore India 0.1872 841 Yazd Iran 0.1870 842 Tianshui China 0.1869 843 Kolhapur India 0.1868 844 Nouakchott Mauritania 0.1864 845 Tashkent Uzbekistan 0.1859 846	Sialkot	Pakistan	0.1901	833
Asmara Eritrea 0.1889 836 Bazhong China 0.1886 837 Mysore India 0.1881 838 Khulna Bangladesh 0.1879 839 Ulyanovsk Russian 0.1875 840 Vellore India 0.1872 841 Yazd Iran 0.1870 842 Tianshui China 0.1869 843 Kolhapur India 0.1868 844 Nouakchott Mauritania 0.1864 845 Tashkent Uzbekistan 0.1859 846	Tirupati	India	0.1899	834
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Ulyanovsk Russian 0.1875 840 Vellore India 0.1872 841 Yazd Iran 0.1870 842 Tianshui China 0.1869 843 Kolhapur India 0.1868 844 Nouakchott Mauritania 0.1864 845 Tashkent Uzbekistan 0.1859 846	Mysore	India	0.1881	838
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Yazd Iran 0.1870 842 Tianshui China 0.1869 843 Kolhapur India 0.1868 844 Nouakchott Mauritania 0.1864 845 Tashkent Uzbekistan 0.1859 846	Ulyanovsk	Russian	0.1875	840
Tianshui China 0.1869 843 Kolhapur India 0.1868 844 Nouakchott Mauritania 0.1864 845 Tashkent Uzbekistan 0.1859 846	Vellore	India	0.1872	841
KolhapurIndia0.1868844NouakchottMauritania0.1864845TashkentUzbekistan0.1859846	Yazd	Iran	0.1870	842
NouakchottMauritania0.1864845TashkentUzbekistan0.1859846	Tianshui	China	0.1869	843
Tashkent Uzbekistan 0.1859 846	Kolhapur	India	0.1868	844
	Nouakchott	Mauritania	0.1864	845
Faisalabad Pakistan 0.1857 847	Tashkent	Uzbekistan	0.1859	846
	Faisalabad	Pakistan	0.1857	847
Jambi Indonesia 0.1852 848	Jambi	Indonesia	0.1852	848

Jaipur	India	0.1844	849
Wuwei	China	0.1839	850
Tiruchirappalli	India	0.1836	851
Dingxi	China	0.1825	852
Shuangyashan	China	0.1824	853
Lucknow	India	0.1823	854
Jamshedpur	India	0.1808	855
Tiruppur	India	0.1789	856
Sokoto	Nigeria	0.1787	857
Madurai	India	0.1781	858
Pontianak	Indonesia	0.1778	859
Bacolod	Philippines	0.1770	860
Banjarmasin	Indonesia	0.1760	861
Baiyin	China	0.1757	862
Kaduna	Nigeria	0.1750	863
Ranchi	India	0.1741	864
Rawalpindi	Pakistan	0.1740	865
Kurnool	India	0.1732	866
Meerut	India	0.1726	867
Jixi	China	0.1720	868
Kabul	Afghanistan	0.1712	869
Zhaotong	China	0.1708	870
Guyuan	China	0.1706	871
Rajkot	India	0.1697	872
Varanasi	India	0.1695	873
Longnan	China	0.1687	874
Jammu	India	0.1685	875
Zhangye	China	0.1684	876
Zaporizhzhya	Ukraine	0.1682	877
Siliguri	India	0.1679	878
Nashik	India	0.1675	879
Jamnagar	India	0.1673	880
Mosul	Iraq	0.1673	881
Hechi	China	0.1669	882
Namangan	Uzbekistan	0.1668	883
Najaf	Iraq	0.1664	884
Bokaro Steel City	India	0.1663	885
Zamboanga	Philippines	0.1661	886
Odessa	Ukraine	0.1641	887
Lubumbashi	Congo	0.1640	888

Cherthala	India	0.1639	889
Dnipropetrovs'k	Ukraine	0.1639	890
Gwalior	India	0.1632	891
Salta	Argentina	0.1616	892
Guntur	India	0.1613	893
Lijiang	China	0.1610	894
Cuttack	India	0.1608	895
Zhangjiajie	China	0.1605	896
Pu'er	China	0.1601	897
Donetsk	Ukraine	0.1599	898
Srinagar	India	0.1598	899
Vijayawada	India	0.1590	900
Raurkela	India	0.1587	901
Indore	India	0.1587	902
Heihe	China	0.1585	903
Vadodara	India	0.1583	904
Lvov	Ukraine	0.1582	905
Zahedan	Iran	0.1579	906
Vientiane	Lao	0.1577	907
Sukkur	Pakistan	0.1553	908
Chandigarh	India	0.1550	909
Sangali	India	0.1544	910
Hubli-Dharwad	India	0.1543	911
Sekondi	Ghana	0.1541	912
Hegang	China	0.1541	913
Aligarh	India	0.1540	914
Saharanpur	India	0.1528	915
Bhopal	India	0.1526	916
Peshawar	Pakistan	0.1523	917
Muzaffarnagar	India	0.1513	918
Allahabad	India	0.1510	919
Dhanbad	India	0.1505	920
Bien Hoa	Viet Nam	0.1494	921
Gujranwala	Pakistan	0.1473	922
Zanzibar	Tanzania	0.1470	923
Kanpur	India	0.1441	924
Bareilly	India	0.1428	925
Rangoon	Myanmar	0.1425	926
Kigali	Rwanda	0.1415	927
Nyala	Sudan	0.1396	928

Belgaum	India	0.1382	929
Agadir	Morocco	0.1376	930
Monrovia	Liberia	0.1375	931
Bogra	Bangladesh	0.1374	932
Agra	India	0.1374	933
Bhavnagar	India	0.1360	934
Jiuquan	China	0.1358	935
Suez	Egypt	0.1349	936
Amravati	India	0.1346	937
Moradabad	India	0.1346	938
Yichun(HLJ)	China	0.1343	939
Durgapur	India	0.1341	940
Gulbarga	India	0.1339	941
Solapur	India	0.1337	942
Bulawayo	Zimbabwe	0.1336	943
Imphal	India	0.1332	944
Ajmer	India	0.1330	945
Jabalpur	India	0.1310	946
Multan	Pakistan	0.1310	947
Mwanza	Tanzania	0.1279	948
Freetown	Sierra Leone	0.1271	949
Mathura	India	0.1256	950
Cotonou	Benin	0.1253	951
Niamey	Niger	0.1250	952
Tirunelveli	India	0.1240	953
Nanded Waghala	India	0.1240	954
Ujjain	India	0.1231	955
Addis Ababa	Ethiopia	0.1224	956
Damascus	Syrian	0.1212	957
Kayamkulam	India	0.1208	958
Jhansi	India	0.1189	959
Nellore	India	0.1187	960
Maiduguri	Nigeria	0.1184	961
Quetta	Pakistan	0.1175	962
Abomey-Calavi	Benin	0.1174	963
Firozabad	India	0.1159	964
Djibouti	Djibouti	0.1159	965
Warangal	India	0.1153	966
Malegaon	India	0.1142	967

Bikaner	India	0.1112	968
Gorakhpur	India	0.1094	969
Sargodha	Pakistan	0.1083	970
Bishkek	Kyrgyzstan	0.1074	971
Nnewi	Nigeria	0.1062	972
Bamako	Mali	0.1054	973
Blantyre-Limbe	Malawi	0.1025	974
Raipur	India	0.0993	975
Bouake	Cote d'ivoire	0.0971	976
Nay Pyi Taw	Myanmar	0.0970	977
Matola	Mozambique	0.0967	978
Ouagadougou	Burkina Faso	0.0957	979
Hamah	Syrian	0.0918	980
Latakia	Syrian	0.0911	981
Sana'a'	Yemen	0.0887	982
Tshikapa	Congo	0.0863	983
Bujumbura	Burundi	0.0838	984
Mandalay	Myanmar	0.0836	985
Conakry	Guinea	0.0833	986
Maputo	Mozambique	0.0818	987
Mbuji-Mayi	Congo	0.0753	988
Antananarivo	Madagascar	0.0743	989
Aleppo	Syrian	0.0737	990
Bobo Dioulasso	Burkina Faso	0.0737	991
Lilongwe	Malawi	0.0719	992
Dushanbe	Tajikistan	0.0685	993
Al-Raqqa	Syrian	0.0664	994
Kananga	Congo	0.0640	995
Bukavu	Congo	0.0626	996
homs	Syrian	0.0611	997
Hargeysa	Somalia	0.0605	998
Mogadishu	Somalia	0.0554	999
Nampula	Mozambique	0.0519	1000
Aden	Yemen	0.0497	1001
N'Djamena	Chad	0.0281	1002
Hodeidah	Yemen	0.0233	1003
Bangui	Central African	0.0181	1004
Taiz	Yemen	0.0122	1005
Kisangani	Congo	00	1006

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