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Unit		Population person	Area Square KM	GDP u.s dollar based on 2003 exchange rate	Per capita GDP dollar per person	GDP per SKM thousand dollar per square KM	
1	Berlin	German	3,388,477	891.8	88,385,393,258	26,084	99,107
2	Hamburg	German	1,734,083	755.0	86,224,719,101	49,724	114,205
3	Nuremberg	German	493,553	186.8	23,271,910,112	47,152	124,562
4	Munich	German	1,267,813	370.7	87,407,871,551	68,944	235,792
5	Frankfurt	German	652,138	193.8	54,563,433,899	83,669	281,571
6	Paris	France	2,147,274	105.0	162,714,606,742	75,777	1,549,663
7	Lyons	France	1,624,102	2,907.0	54,584,618,494	33,609	18,777
8	London	United K	7,355,000	1,584.0	289,831,130,000	39,406	182,974
9	Glasgow	United K	577,000	175.0	20,676,218,000	35,834	118,149
10	Liverpool	United K	439,373	111.8	8,128,839,000	18,501	72,708
11	Dublin	Ireland	1,122,821	252.0	46,162,539,000	41,113	183,184
12	Vienna	Austria	1,660,000	414.9	68,212,720,000	41,092	164,408
13	Geneva	Switzerl:	424,000	282.2	19,902,000,000	46,939	70,524
14	Zurich	Switzerl:	1,249,900	1,728.8	70,622,000,000	56,502	40,850
16	Amsterdam	Netherla	719,500	219.1	30,883,818,000	42,924	140,976
17	Brussels	Belgium	978,384	161.4	56,180,766,000	57,422	348,084
18	Copenhagen	Denmarl	1,096,100	91.3	62,532,505,000	57,050	684,912
19	Helsinki	Finland	574,700	186.8	22,808,118,900	39,687	122,099
22	Madrid	Spain	3,092,759	605.8	89,645,621,348	28,986	147,979
23	Barcelona	Spain	2,374,107	151.5	60,306,741,573	25,402	398,064
25	Rome	Italy	2,799,320	1,307.7	92,471,910,112	33,034	70,713
26	Milan	Italy	2,408,676	1,000.0	118,539,325,843	49,213	118,539
28	New York city	U.S.	8,109,626	785.5	367,963,331,503	45,374	468,419
29	Los Angeles c	U.S.	3,819,413	1,215.0	160,525,670,482	42,029	132,124
30	Chicago city	U.S.	2,875,585	588.2	115,688,744,300	40,231	196,687
31	Washington ci	U.S.	557,620	159.0	27,790,983,285	49,839	174,758
32	Dallas city	U.S.	1,205,084	887.3	51,246,042,575	42,525	57,753
33	Philadelphia ci	U.S.	1,476,953	349.9	61,376,109,065	41,556	175,407
34	Boston city	U.S.	577,922	125.4	28,440,716,617	49,212	226,881
35	San Francisco	U.S.	751,908	121.0	35,014,719,329	46,568	289,492
36	Houston city	U.S.	2,009,669	1,500.9	79,345,715,703	39,482	52,865
37	Atlanta city	U.S.	419,729	341.4	16,852,776,271	40,152	49,369
38	Detroit city	U.S.	912,472	359.5	34,819,152,011	38,159	96,857
39	Miami-Fort La	U.S.	538,979	174.6	17,406,156,940	32,295	99,712
40	Seattle city	U.S.	570,407	217.3	26,434,485,707	46,343	121,650
41	Minneapolis-S	U.S.	656,570	278.9	29,106,253,103	44,331	104,345
42	Phoenix city	U.S.	1,388,215	1,230.0	49,758,360,865	35,843	40,454
43	San Diego city	U.S.	1,262,699	840.2	54,283,951,679	42,990	64,609
44	Denver city	U.S.	556,039	397.3	24,743,817,174	44,500	62,279
45	Baltimore city	U.S.	643,304	209.3	25,867,605,932	40,211	123,608
46	St. Louis city	U.S.	348,039	160.3	12,453,920,773	35,783	77,682
47	San Jose city	U.S.	897,399	453.0	44,178,789,903	49,230	97,527
48	Pittsburgh city	U.S.	325,599	144.0	11,927,989,819	36,634	82,831
49	Cleveland city	U.S.	463,503	201.0	17,201,183,354	37,111	85,585

50	Sacramento ci	U.S.	444,720	251.7	17,948,148,936	40,358	71,294
51	Portland city	C.U.S.	538,948	347.8	19,151,367,131	35,535	55,059
52	Cincinnati city	U.S.	318,185	202.0	11,500,664,523	36,145	56,929
53	Columbus city	U.S.	728,566	544.7	28,584,199,586	39,234	52,479
54	San Antonio ci	U.S.	1,214,154	1,055.7	42,878,721,099	35,316	40,617
55	Charlotte city	U.S.	585,301	627.6	25,978,504,508	44,385	41,396
56	Indianapolis ci	U.S.	784,462	936.3	30,387,646,055	38,737	32,456
57	Milwaukee city	U.S.	587,205	248.9	22,955,978,057	39,094	92,231
58	Las Vegas city	U.S.	516,924	293.4	20,394,441,248	39,453	69,500
59	Austin city	U.S.	673,418	651.4	26,445,296,970	39,270	40,599
60	Nashville-Davi	U.S.	545,094	1,225.8	20,709,805,280	37,993	16,894
61	Memphis city	U.S.	673,120	723.4	24,712,374,439	36,713	34,162
63	Toronto city	Canada	4,682,897	5,902.7	142,591,742,857	30,449	24,157
64	Montréal city	Canada	3,426,350	4,047.4	82,722,857,143	24,143	20,439
65	Vancouver city	Canada	1,986,965	2,878.5	50,544,585,714	25,438	17,559
66	Ottawa city	Canada	1,063,664	5,318.4	30,210,559,340	28,402	5,680
67	Calgary city	Canada	951,395	5,083.0	34,824,906,700	36,604	6,851
68	Edmonton city	Canada	937,845	9,418.6	34,328,921,872	36,604	3,645
69	Winnipeg city	Canada	671,274	4,151.5	16,825,135,714	25,064	4,053
70	Rio de Janerio	Brazil	6,094,183	1,182.0	20,409,774,026	3,349	17,267
71	Buenos Aires	Argentin	2,776,138	203.0	8,611,580,076	3,102	42,422
72	Cape Town	South Ai	3,393,573	2,479.0	28,228,556,270	8,318	11,387
73	Johannesburg	South Ai	3,225,810	1,645.0	30,182,995,926	9,357	18,348
74	Cairo	Egypt	7,770,889	214.2	7,794,201,709	1,003	36,387
75	Tokyo	Japan	8,137,651	621.3	286,393,652,031	35,194	460,959
76	Osaka	Japan	2,495,769	221.3	65,230,570,775	26,136	294,761
77	Yokohama	Japan	3,495,117	437.2	92,254,446,821	26,395	211,012
78	Nagoya	Japan	2,122,977	326.5	41,496,298,473	19,546	127,094
79	Kyoto	Japan	1,386,309	610.4	33,470,878,038	24,144	54,834
80	Kawasaki	Japan	1,270,259	142.7	33,528,789,269	26,395	234,960
81	Kobe	Japan	1,488,637	549.7	33,989,667,377	22,833	61,833
82	Sapporo	Japan	1,849,650	1,120.5	40,892,374,278	22,108	36,495
83	Sendai	Japan	994,232	783.2	22,092,138,635	22,220	28,208
84	Seoul	Korea	9,853,972	605.4	147,281,782,630	14,946	243,276
85	Busan	Korea	3,655,437	763.3	36,025,773,533	9,855	47,197
86	Ulsan	Korea	1,012,110	1,056.6	28,880,443,266	28,535	27,333
87	Singapore	Singapo	4,185,000	697.0	92,725,600,000	22,157	133,035
89	Canberra	Australia	230,490	539.0	7,466,379,312	32,394	13,852
90	Sydney	Australia	595,929	1,894.5	16,000,306,683	26,849	8,446
91	Melbourne	Australia	1,742,858	907.0	45,699,094,831	26,221	50,385
92	Brisbane	Australia	938,384	1,327.0	21,474,369,434	22,884	16,183
93	Auckland	New Zea	367,737	371.8	6,574,367,878	17,878	17,683
94	Wellington	New Zea	163,824	221.1	3,495,546,977	21,337	15,810
95	beijing	China	10,822,700	600.0	50,314,170,496	4,649	83,856
96	tianjin	China	7,615,700	487.0	31,466,626,360	4,132	64,613
97	shenyang	China	4,903,800	261.0	20,349,665,054	4,150	77,968
98	dalian	China	2,764,300	248.0	18,110,966,143	6,552	73,028
99	shanghai	China	12,836,800	550.0	89,132,622,733	6,944	162,059
100	nanjing	China	4,954,900	447.0	21,248,328,900	4,288	47,535
101	suzhou	China	2,188,100	149.0	15,961,305,925	7,295	107,123
102	hangzhou	China	3,973,900	275.0	23,572,012,092	5,932	85,716
103	ningbo	China	2,086,800	110.0	15,236,145,103	7,301	138,510
104	wenzhou	China	1,359,000	114.0	7,525,488,513	5,538	66,013

105	hefei	China	1,596,900	148.0	5,617,775,091	3,518	37,958
106	fuzhou	China	1,685,500	160.0	8,912,350,665	5,288	55,702
107	xiamen	China	1,442,600	104.0	10,679,683,192	7,403	102,689
108	jinan	China	3,382,700	200.0	15,010,198,307	4,437	75,051
109	qingdao	China	2,525,800	146.0	13,537,528,416	5,360	92,723
110	wuhan	China	7,835,400	216.0	23,651,753,325	3,019	109,499
111	changsha	China	1,993,700	135.0	8,227,644,498	4,127	60,946
112	guangzhou	China	5,940,900	608.0	45,845,689,238	7,717	75,404
113	shenzhen	China	4,580,300	516.0	41,388,149,940	9,036	80,210
114	zhuhai	China	841,000	106.0	6,605,564,692	7,854	62,317
115	chengdu	China	4,585,600	386.0	16,336,563,482	3,563	42,323
116	xi'an	China	5,132,800	204.0	12,080,773,881	2,354	59,219
117	Hongkong		6,882,600	127.3	108,217,679,968	15,723	849,833
118	Macao		465,333	27.5	6,798,807,739	14,611	247,229
119	Taipei city	Taiwan	2,622,472	272.0	34,265,664,473	13,066	125,977
120	Kaohsiung city	Taiwan	1,512,677	144.0	14,439,910,912	9,546	100,277
121	hsinchu city	Taiwan	386,950	45.0	4,451,201,485	11,503	98,916
122	Dubai	U.A.E.	1,014,383	3,885.0	26,800,000,000	26,420	6,898
123	chongqing	China	10,108,500	445.0	16,487,946,796	1,631	37,052

Note: General data are based on 2003 and the incremental data are based on 2001-2003, unless otherwise noted.

Global Urban Competitiveness
Project
<http://www.gucp.org.cn>

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Rank	City	Country	increasing rate of GDP for 3 consecutive years	unemployment rate	increasing rate of employment for 3 consecutive years	labor productivity	per capita electricity consumption
						dollar per person	Annual KWh per person
1	Berlin	Germany	0.18%	20.20%	-2.88%	57,923	3,197
2	Hamburg	Germany	2.56%	9.90%	-1.90%	83,713	6,187
3	Nuremberg	Germany	4.82%	13.10%	-3.04%	90,844	5,350
4	Munich	Germany	1.73%	7.80%	-5.18%	130,764	5,008
5	Frankfurt	Germany	3.39%	9.70%	-2.28%	185,743	3,872
6	Paris	France	5.88%	11.40%	-4.03%	169,074	7,246
7	Lyons	France	5.88%	9.30%	5.22%	70,967	10,658
8	London	United Kingdom	18.60%	6.80%	6.50%	84,726	5,900
9	Glasgow	United Kingdom	11.70%	7.60%	-1.00%	73,060	5,200
10	Liverpool	United Kingdom	2.40%	15.00%	5.60%	52,506	5,395
11	Dublin	Ireland	25.70%	4.30%	14.60%	89,800	5,900
12	Vienna	Austria	1.80%	9.82%	-5.70%	88,696	7,093
13	Geneva	Switzerland	2.20%	5.10%	0.03%	100,941	7,549
14	Zurich	Switzerland	0.60%	3.00%	0.04%	109,905	7,549
16	Amsterdam	Netherlands	0.70%	11.15%	0.08%	75,264	6,272
17	Brussels	Belgium	6.30%	17.00%	1.70%	160,516	5,500
18	Copenhagen	Denmark	2.80%	5.75%	-3.20%	111,953	5,867
19	Helsinki	Finland	2.20%	10.00%	-0.10%	88,189	14,644
22	Madrid	Spain	11.44%	6.13%	7.30%	66,663	4,144
23	Barcelona	Spain	4.05%	6.27%	14.62%	67,030	3,019
25	Rome	Italy	9.00%	7.52%	6.10%	80,143	3,387
26	Milan	Italy	6.30%	9.35%	5.22%	114,139	4,312
28	New York city	U.S.	5.70%	5.21%	4.49%	98,768	7,681
29	Los Angeles city	U.S.	10.22%	5.76%	4.93%	89,436	7,197
30	Chicago city	U.S.	4.74%	5.68%	2.94%	84,412	11,432
31	Washington city	U.S.	12.11%	3.46%	6.41%	94,239	19,963
32	Dallas city	U.S.	6.45%	5.62%	4.47%	84,890	15,009
33	Philadelphia city	U.S.	9.84%	4.92%	3.57%	86,905	11,196
34	Boston city	U.S.	3.65%	4.64%	1.01%	94,634	8,197
35	San Francisco	U.S.	4.14%	5.10%	4.59%	94,063	7,197
36	Houston city	U.S.	9.75%	6.06%	5.35%	82,974	15,009
37	Atlanta city	U.S.	6.38%	4.56%	2.97%	79,109	14,287
38	Detroit city	U.S.	6.60%	7.22%	2.03%	83,512	10,478
39	Miami-Fort Lauderdale	U.S.	10.41%	5.19%	8.12%	68,633	12,617
40	Seattle city	U.S.	6.28%	5.28%	7.52%	91,125	17,362
41	Minneapolis-Saint Paul	U.S.	9.62%	4.38%	2.61%	77,280	12,511
42	Phoenix city	U.S.	11.61%	4.42%	5.68%	72,567	12,048
43	San Diego city	U.S.	12.90%	4.45%	6.02%	88,645	7,197
44	Denver city	U.S.	4.92%	5.35%	4.19%	82,681	10,082
45	Baltimore city	U.S.	9.13%	8.28%	3.40%	85,619	11,933
46	St. Louis city	U.S.	6.76%	5.93%	3.34%	72,044	12,490
47	San Jose city	U.S.	-4.04%	5.97%	1.79%	106,951	7,197
48	Pittsburgh city	U.S.	7.68%	5.22%	2.91%	76,749	11,196
49	Cleveland city	U.S.	5.03%	5.74%	-2.13%	76,945	15,220

50	Sacramento ci	U.S.	14.51%	4.85%	4.60%	83,745	7,197
51	Portland city	C.U.S.	6.62%	6.47%	2.92%	71,400	15,541
52	Cincinnati city	U.S.	9.79%	5.04%	2.42%	71,880	15,220
53	Columbus city	U.S.	7.88%	5.35%	1.29%	75,927	15,220
54	San Antonio ci	U.S.	11.25%	5.37%	5.48%	76,813	15,009
55	Charlotte city	U.S.	13.12%	4.86%	5.42%	86,030	15,558
56	Indianapolis ci	U.S.	10.55%	4.40%	-0.51%	74,918	16,058
57	Milwaukee city	U.S.	6.67%	4.73%	1.93%	77,680	12,111
58	Las Vegas city	U.S.	16.26%	4.18%	10.49%	78,004	14,424
59	Austin city	U.S.	6.71%	4.81%	5.34%	72,960	15,009
60	Nashville-Davi	U.S.	13.76%	4.12%	3.33%	74,217	16,739
61	Memphis city	U.S.	13.75%	5.91%	2.40%	81,192	16,739
63	Toronto city	Canada	8.74%	7.20%	4.73%	53,335	11,431
64	Montréal city	Canada	8.96%	8.70%	1.64%	46,077	22,617
65	Vancouver city	Canada	9.31%	6.30%	2.49%	44,298	14,064
66	Ottawa city	Canada	8.74%	6.50%	6.44%	49,291	11,431
67	Calgary city	Canada	13.16%	4.60%	7.78%	59,206	17,339
68	Edmonton city	Canada	13.16%	4.90%	-0.36%	63,058	17,339
69	Winnipeg city	Canada	7.29%	4.90%	1.03%	44,807	13,897
70	Rio de Janerio	Brazil	11.11%	5.20%	1.20%	6,355	2,103
71	Buenos Aires	Argentin	-4.86%	18.90%	3.83%	7,256	2,264
72	Cape Town	South Ai	4.1%	19.80%	2.00%	20,115	5,400
73	Johannesburg	South Ai	2.00%	37.30%	8.18%	27,804	4,886
74	Cairo	Egypt	9.60%	11.70%	7.91%	2,037	1,350
75	Tokyo	Japan	-2.73%	5.00%	3.04%	70,759	6,341
76	Osaka	Japan	-4.22%	8.98%	-0.02%	52,559	6,670
77	Yokohama	Japan	-4.21%	4.90%	0.36%	54,913	5,750
78	Nagoya	Japan	1.07%	4.80%	1.01%	37,303	8,030
79	Kyoto	Japan	-4.94%	5.19%	2.53%	47,829	6,022
80	Kawasaki	Japan	-4.21%	5.29%	3.84%	51,551	5,750
81	Kobe	Japan	-5.40%	7.14%	0.49%	50,913	6,896
82	Sapporo	Japan	-3.06%	5.89%	2.71%	47,111	5,232
83	Sendai	Japan	-2.50%	5.33%	7.58%	46,093	5,940
84	Seoul	Korea	17.09%	4.50%	0.55%	30,987	3,670
85	Busan	Korea	14.00%	3.82%	-2.13%	22,376	4,039
86	Ulsan	Korea	15.19%	3.05%	6.01%	60,673	19,395
87	Singapore	Singapo	8.31%	7.66%	-1.65%	43,427	7,643
89	Canberra	Australia	16.44%	5.64%	11.95%	72,813	3,547
90	Sydney	Australia	11.39%	4.78%	-1.57%	62,331	5,988
91	Melbourne	Australia	13.74%	5.45%	3.10%	48,845	6,505
92	Brisbane	Australia	17.93%	5.54%	9.02%	43,700	7,784
93	Auckland	New Zea	3.10%	7.92%	4.49%	37,714	3,621
94	Wellington	New Zea	3.90%	6.19%	2.79%	38,621	4,038
95	beijing	China	11.93%	1.04%	11.96%	8,833	
96	tianjin	China	14.25%	2.56%	11.87%	7,850	
97	shenyang	China	14.98%	5.34%	2.73%	7,885	
98	dalian	China	15.79%	3.81%	8.54%	12,448	
99	shanghai	China	12.32%	3.76%	3.99%	13,193	
100	nanjing	China	14.32%	2.07%	7.49%	8,148	
101	suzhou	China	16.93%	2.46%	14.14%	13,860	
102	hangzhou	China	15.34%	2.23%	12.00%	13,270	
103	ningbo	China	15.19%	2.40%	11.88%	13,872	
104	wenzhou	China	15.13%	1.41%	14.65%	10,521	

105	hefei	China	17.54%	2.44%	16.12%	6,684	
106	fuzhou	China	11.79%	1.97%	10.50%	10,047	
107	xiamen	China	16.18%	2.17%	11.14%	14,066	
108	jinan	China	14.56%	2.09%	10.57%	8,431	
109	qingdao	China	15.93%	4.39%	3.23%	10,183	
110	wuhan	China	12.96%	2.55%	0.87%	5,735	
111	changsha	China	15.11%	2.67%	1.19%	7,841	
112	guangzhou	China	14.74%	1.91%	10.31%	14,662	
113	shenzhen	China	17.18%	0.80%	12.36%	17,169	
114	zhuhai	China	14.46%	2.21%	20.07%	14,923	
115	chengdu	China	13.87%	1.78%	8.43%	6,769	
116	xi'an	China	13.64%	2.76%	5.22%	4,472	
117	Hongkong		3.50%	6.50%	1.30%	30,044	
118	Macao		1.40%	4.80%	0.50%	31,187	
119	Taipei city	Taiwan	0.72%	4.30%	6.40%	30,217	
120	Kaohsiung city	Taiwan	0.52%	4.40%	7.20%	22,633	
121	hsinchu city	Taiwan	4.50%	4.60%	-0.25%	26,495	
122	Dubai	U.A.E.	32.30%	1.60%	22.30%	47,040	2,600
123	chongqing	China	12.40%	1.63%	5.54%	3,099	

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Unit	年	life expectancy	infant death rate(per 1,000 infants)	total population to labor force ratio	Enrollment of Secondary and Tertiary School	Tertiary or higher education al attainment
			千人之中死亡数, 保留一位小数	百分比 (保留两位小数)		
1	Berlin	German	78.42	4.4	2.23	12%
2	Hamburg	German	78.42	4.2	1.99	13%
3	Nuremberg	German	78.42	4.0	2.18	13%
4	Munich	German	78.42	4.2	2.04	16%
5	Frankfurt	German	78.42	4.2	2.23	12%
6	Paris	France	79.28	4.1	2.08	17%
7	Lyons	France	79.28	3.8	1.92	15%
8	London	United K	78.50	5.7	2.00	12%
9	Glasgow	United K	77.90	5.2	1.9	12%
10	Liverpool	United K	78.40	5.3	2.40	13%
11	Dublin	Ireland	77.17	5.4	2.10	11%
12	Vienna	Austria	79.07	4.6	1.94	14%
13	Geneva	Switzerk	79.30	4.3	2.04	15%
14	Zurich	Switzerk	79.30	4.3	1.88	16%
16	Amsterdam	Netherla	78.96	5.0	1.80	13%
17	Brussels	Belgium	78.20	5.1	2.29	15%
18	Copenhagen	Denmarl	77.79	4.5	1.84	20%
19	Helsinki	Finland	78.50	3.6	2.00	17%
22	Madrid	Spain	79.90	4.4	2.16	17%
23	Barcelona	Spain	79.90	1.8	2.47	24%
25	Rome	Italy	76.50	5.2	2.24	11%
26	Milan	Italy	76.90	5.8	2.15	13%
28	New York city	U.S.	77.89	6.3	2.06	15% 21.19%
29	Los Angeles c	U.S.	78.33	5.5	2.01	17% 18.18%
30	Chicago city	U.S.	76.70	8.5	1.98	15% 18.94%
31	Washington ci	U.S.	72.63	13.5	1.83	16% 34.28%
32	Dallas city	U.S.	76.75	6.0	1.88	13% 17.73%
33	Philadelphia ci	U.S.	76.82	7.2	1.99	15% 13.23%
34	Boston city	U.S.	78.38	5.0	1.83	18% 28.90%
35	San Francisco	U.S.	78.33	5.5	1.92	16% 40.59%
36	Houston city	U.S.	76.75	6.0	1.97	15% 16.83%
37	Atlanta city	U.S.	75.30	8.3	1.88	16% 28.79%
38	Detroit city	U.S.	76.49	8.1	2.03	17% 6.33%
39	Miami-Fort La	U.S.	77.47	7.2	2.02	13% 13.90%
40	Seattle city	U.S.	78.24	5.3	1.86	16% 38.56%
41	Minneapolis-S	U.S.	79.10	5.9	1.67	21% 27.95%
42	Phoenix city	U.S.	77.51	7.0	1.94	15% 15.23%
43	San Diego city	U.S.	78.33	5.5	1.97	19% 25.70%
44	Denver city	U.S.	78.40	6.5	1.76	13% 24.15%
45	Baltimore city	U.S.	76.33	8.1	1.95	15% 15.45%
46	St. Louis city	U.S.	76.17	7.5	1.89	14% 17.77%
47	San Jose city	U.S.	78.33	5.5	2.04	16% 24.28%
48	Pittsburgh city	U.S.	76.82	7.2	1.99	18% 22.62%
49	Cleveland city	U.S.	76.43	7.9	1.95	14% 9.10%

50	Sacramento ci	U.S.	78.33	5.5	1.97	18%	16.53%
51	Portland city	C U.S.	77.89	5.6	1.88	17%	26.63%
52	Cincinnati city	U.S.	76.43	7.9	1.89	17%	21.15%
53	Columbus city	U.S.	76.43	7.9	1.83	18%	20.83%
54	San Antonio ci	U.S.	76.75	6.0	2.06	16%	14.38%
55	Charlotte city	U.S.	75.75	9.0	1.84	14%	23.90%
56	Indianapolis ci	U.S.	76.16	7.8	1.85	13%	16.62%
57	Milwaukee city	U.S.	78.05	6.9	1.89	15%	12.08%
58	Las Vegas city	U.S.	75.93	6.7	1.89	11%	11.92%
59	Austin city	U.S.	76.75	6.0	1.77	20%	28.98%
60	Nashville-Davi	U.S.	74.96	8.4	1.87	15%	22.07%
61	Memphis city	U.S.	74.96	8.4	2.08	16%	14.42%
63	Toronto city	Canada	78.00	5.4	1.95	10%	29.77%
64	Montréal city	Canada	77.50	4.7	2.01	9%	27.30%
65	Vancouver city	Canada	78.00	4.1	1.91	9%	29.61%
66	Ottawa city	Canada	77.75	5.4	1.86	10%	32.87%
67	Calgary city	Canada	78.00	5.6	1.77	8%	29.54%
68	Edmonton city	Canada	78.00	5.6	1.84	9%	24.91%
69	Winnipeg city	Canada	78.00	7.0	1.87	8%	23.69%
70	Rio de Janerio	Brazil	67.40	5.1	1.80	14%	
71	Buenos Aires	Argentin	73.99	10.3	1.90	11%	
72	Cape Town	South Ai	42.73	6.8	1.94	7%	
73	Johannesburg	South Ai	51.00	6.0	1.86	8%	
74	Cairo	Egypt	70.10	12.0	2.03	12%	
75	Tokyo	Japan	81.78	3.0	1.91	9%	
76	Osaka	Japan	81.78	2.7	1.83	8%	
77	Yokohama	Japan	81.78	3.2	1.98	9%	
78	Nagoya	Japan	81.78	2.7	1.82	8%	
79	Kyoto	Japan	81.78	3.0	1.88	10%	
80	Kawasaki	Japan	81.78	3.2	1.85	9%	
81	Kobe	Japan	81.78	2.9	2.07	8%	
82	Sapporo	Japan	81.78	3.0	2.01	7%	
83	Sendai	Japan	81.78	3.3	1.96	9%	
84	Seoul	Korea	77.46	4.1	1.98	20%	
85	Busan	Korea	77.46	6.0	2.18	21%	
86	Ulsan	Korea	77.46	5.5	2.06	17%	
87	Singapore	Singapo	77.00	2.5	1.81	10%	
89	Canberra	Australia	81.80	5.8	2.25	16%	
90	Sydney	Australia	81.20	4.6	2.32	10%	
91	Melbourne	Australia	81.40	5.1	1.86	10%	
92	Brisbane	Australia	81.00	4.8	1.91	10%	
93	Auckland	New Zea	78.70	5.2	1.94	20%	
94	Wellington	New Zea	78.70	5.2	1.70	20%	
95	beijing	China	75.85	5.9	1.51	10%	
96	tianjin	China	76.86	8.0	1.89	10%	
97	shenyang	China	74.00	10.1	1.79	12%	
98	dalian	China	77.09	10.3	1.08	13%	
99	shanghai	China	75.85	3.8	1.56	9%	
100	nanjing	China	76.00	8.0	2.11	16%	
101	suzhou	China	79.60	7.7	2.37	10%	
102	hangzhou	China	76.00	8.6	1.86	12%	
103	ningbo	China	75.60	6.6	2.25	11%	
104	wenzhou	China	79.60	7.2	1.46	10%	

105	hefei	China	76.00	7.6	2.14	14%
106	fuzhou	China	76.00	10.9	1.64	10%
107	xiamen	China	76.07	8.1	1.18	11%
108	jinan	China	73.50	13.2	2.01	6%
109	qingdao	China	75.00	6.0	1.49	13%
110	wuhan	China	76.05	7.6	1.99	15%
111	changsha	China	75.00	12.2	1.59	11%
112	guangzhou	China	75.50	5.0	1.41	15%
113	shenzhen	China	75.50	5.0	1.54	6%
114	zhuhai	China	77.00	7.5	1.19	9%
115	chengdu	China	74.20	14.2	2.26	12%
116	xi'an	China	74.20	9.0	2.27	15%
117	Hongkong		81.80	2.5	1.91	8%
118	Macao		79.20	3.4	2.13	10%
119	Taipei city	Taiwan	75.90	5.3	2.31	7%
120	Kaohsiung city	Taiwan	75.90	5.5	2.37	11%
121	hsinchu city	Taiwan	75.90	5.3	2.30	14%
122	Dubai	U.A.E.	74.70	7.3	1.82	6%
123	chongqing	China	75.00	16.8	2.02	11%

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Unit

person

		Climatic Desirability	Monthly Temperature Differential	Quality of Living	The number of crimes per 10,000 persons	Annual Passenger Traffic of local Airport
1	Berlin	German	10.6	18.9	103.5	704 17,071,063.00
2	Hamburg	German	11.1	16.1	102.0	819 10,617,094.00
3	Nuremberg	German	11.7	18.9	102.5	392 5,296,267.00
4	Munich	German	11.7	18.9	105.5	373 28,503,924.00
5	Frankfurt	German	10.0	17.8	105.5	572 51,850,279.00
6	Paris	France	8.9	15.6	101.5	519 70,456,984.00
7	Lyons	France	8.3	18.3	100.5	389 5,858,464.00
8	London	United K	8.9	13.3	100.0	895 119,713,600.00
9	Glasgow	United K	11.1	11.1	97.0	790 8,563,548.00
10	Liverpool	United K	10.0	11.7	98.5	766 2,039,000.00
11	Dublin	Ireland	10.0	10.0	102.5	435 15,400,000.00
12	Vienna	Austria	10.0	20.0	106.0	50 12,784,505.00
13	Geneva	Switzerk	10.0	18.3	106.5	187 9,400,000.00
14	Zurich	Switzerk	10.6	18.3	106.5	187 17,463,807.00
16	Amsterdam	Netherla	10.0	13.3	104.5	242 42,425,000.00
17	Brussels	Belgium	9.4	14.4	104.0	737 15,195,976.00
18	Copenhagen	Denmarl	11.7	16.7	105.0	890 17,714,007.00
19	Helsinki	Finland	15.0	22.8	102.0	650 13,228,193.00
22	Madrid	Spain	6.1	18.9	99.0	569 35,876,881.00
23	Barcelona	Spain	6.7	14.4	99.0	473 22,541,653.00
25	Rome	Italy	4.4	15.6	96.0	522 13,211,225.00
26	Milan	Italy	8.3	20.6	98.0	499 13,326,943.00
28	New York city	U.S.	7.2	25.0	100.0	292 27,043,661.00
29	Los Angeles c	U.S.	2.8	7.8	97.0	481 26,239,584.00
30	Chicago city	U.S.	10.6	28.9	98.0	613 41,607,602.00
31	Washington ci	U.S.	7.8	25.0	99.0	717 14,863,654.00
32	Dallas city	U.S.	0.6	22.8	77.4	933 27,774,184.00
33	Philadelphia ci	U.S.	7.2	25.0	99.1	555 11,870,928.00
34	Boston city	U.S.	8.9	24.4	100.5	594 11,087,799.00
35	San Francisco	U.S.	6.1	7.8	102.0	568 14,079,173.00
36	Houston city	U.S.	0.6	17.8	94.0	705 19,884,935.00
37	Atlanta city	U.S.	3.3	20.0	94.5	1,084 38,893,670.00
38	Detroit city	U.S.	10.6	27.2	95.0	900 15,754,017.00
39	Miami-Fort La	U.S.	4.4	8.3	95.0	822 22,881,102.00
40	Seattle city	U.S.	8.9	14.4	98.5	872 13,125,373.00
41	Minneapolis-S	U.S.	12.8	34.4	96.5	611 16,022,988.00
42	Phoenix city	U.S.	2.2	22.2	71.9	766 18,252,853.00
43	San Diego city	U.S.	2.2	8.3	96.8	422 7,565,196.00
44	Denver city	U.S.	9.4	23.9	86.2	576 17,969,754.00
45	Baltimore city	U.S.	6.7	24.4	78.5	755 9,768,040.00
46	St. Louis city	U.S.	6.7	27.2	96.5	1,371 9,922,456.00
47	San Jose city	U.S.	3.7	10.3	77.8	265 5,104,201.00
48	Pittsburgh city	U.S.	9.4	25.0	98.5	596 7,113,460.00
49	Cleveland city	U.S.	10.0	26.1	97.0	640 5,012,446.00

50	Sacramento ci	U.S.	3.9	17.2	79.1	720	4,390,847.00
51	Portland city	C.U.S.	7.8	16.1	99.0	851	6,059,860.00
52	Cincinnati city	U.S.	9.4	25.8	81.1	858	10,449,930.00
53	Columbus city	U.S.	8.9	25.6	83.1	861	3,050,585.00
54	San Antonio ci	U.S.	0.6	18.9	87.1	744	3,120,098.00
55	Charlotte city	U.S.	3.9	21.1	79.9	819	11,465,366.00
56	Indianapolis ci	U.S.	8.3	27.2	74.2	656	3,673,648.00
57	Milwaukee city	U.S.	11.7	28.3	67.3	725	3,114,864.00
58	Las Vegas city	U.S.	0.6	25.0	79.7	561	17,355,354.00
59	Austin city	U.S.	0.6	19.4	86.0	658	3,177,889.00
60	Nashville-Davi	U.S.	4.4	23.3	85.1	847	3,943,236.00
61	Memphis city	U.S.	1.7	19.4	67.9	1,006	5,411,496.00
63	Toronto city	Canada	12.2	27.2	103.5	629	23,779,000.00
64	Montréal city	Canada	13.3	31.1	102.5	721	7,543,000.00
65	Vancouver city	Canada	10.0	14.4	106.0	1,372	13,422,000.00
66	Ottawa city	Canada	13.9	31.1	103.0	629	2,971,000.00
67	Calgary city	Canada	17.2	36.7	102.0	1,121	7,323,000.00
68	Edmonton city	Canada	17.2	27.8	102.0	1,121	3,426,000.00
69	Winnipeg city	Canada	17.2	36.7	103.2	1,367	2,471,000.00
70	Rio de Janerio	Brazil	5.6	6.7	73.5	852	15,000,000.00
71	Buenos Aires	Argentin	3.3	13.9	86.0	693	2,084,960.00
72	Cape Town	South Ai	2.8	8.9	85.0	875	6,724,766.00
73	Johannesburg	South Ai	4.4	10.5	83.0	616	15,758,170.00
74	Cairo	Egypt	1.7	14.4	72.5	500	5,271,437.00
75	Tokyo	Japan	4.4	21.7	101.0	332	20,960,663.31
76	Osaka	Japan	3.9	24.4	98.5	804	11,182,802.32
77	Yokohama	Japan	4.4	21.1	100.5	427	6,751,945.74
78	Nagoya	Japan	4.4	23.9	97.5	849	229,761.00
79	Kyoto	Japan	7.9	22.6	99.3	391	5,738,079.68
80	Kawasaki	Japan	4.2	22.3	101.0	888	2,453,914.95
81	Kobe	Japan	4.4	23.2	100.0	772	3,190,000.00
82	Sapporo	Japan	11.7	27.2	95.0	374	18,457,467.00
83	Sendai	Japan	4.3	21.1	92.0	429	3,221,794.00
84	Seoul	Korea	7.2	27.8	81.5	217	3,667,000.00
85	Busan	Korea	6.4	25.8	78.3	160	8,699,000.00
86	Ulsan	Korea	5.6	23.9	75.0	191	1,395,000.00
87	Singapore	Singapo	7.2	1.7	101.0	799	23,162,900.00
89	Canberra	Australia	6.7	14.4	103.3	482	23,000,000.00
90	Sydney	Australia	2.2	10.6	105.0	771	24,183,353.00
91	Melbourne	Australia	6.1	10.6	103.5	408	17,500,000.00
92	Brisbane	Australia	0.6	10.0	101.5	463	12,100,000.00
93	Auckland	New Zea	4.4	8.9	105.0	489	9,427,652.00
94	Wellington	New Zea	7.2	8.3	103.5	1,090	3,900,000.00
95	beijing	China	7.2	29.4	69.0	694	24,283,818
96	tianjin	China	6.7	29.4	45.1	555	1,103,491
97	shenyang	China	11.1	35.6	58.0	450	3,010,752
98	dalian	China	8.9	28.3	52.6	420	3,420,307
99	shanghai	China	3.9	23.9	78.5	1,041	24,756,008
100	nanjing	China	4.4	25.0	62.5	995	3,329,477
101	suzhou	China	4.3	25.2	63.0	757	0
102	hangzhou	China	3.3	24.4	67.4	663	4,352,301
103	ningbo	China	2.8	22.8	66.3	150	1,300,934
104	wenzhou	China	1.7	20.6	56.3	757	1,983,464

105	hefei	China	3.9	25.6	25.6	1,000	929,053
106	fuzhou	China	0.6	17.8	50.3	1,000	2,543,718
107	xiamen	China	1.1	15.6	62.9	870	4,296,394
108	jinan	China	5.0	27.8	37.9	646	1,739,838
109	qingdao	China	7.2	26.1	60.0	450	3,491,026
110	wuhan	China	2.8	13.9	38.4	731	3,305,600
111	changsha	China	2.2	24.4	37.3	666	2,992,543
112	guangzhou	China	2.8	14.4	65.0	1,368	15,012,696
113	shenzhen	China	3.2	14.2	90.4	1,368	10,842,652
114	zhuhai	China	2.4	14.1	66.4	984	585,264
115	chengdu	China	3.3	19.4	38.0	936	8,196,742
116	xi'an	China	6.1	26.1	36.7	1,086	4,397,991
117	Hongkong		3.9	12.8	93.5	510	18,984,640
118	Macao		2.7	14.0	82.0	525	2,318,560
119	Taipei city	Taiwan	2.8	13.3	85.5	220	21,723,200
120	Kaohsiung city	Taiwan	4.4	10.0	79.5	263	7,586,640
121	hsinchu city	Taiwan	2.6	13.6	75.0	319	0
122	Dubai	U.A.E.	7.2	16.1	83.5	415	18,062,344
123	chongqing	China	2.0	23.0	30.7	1,059	4,287,505

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Unit		annual Cargo Traffic of local Airport	Annual Shipment of local Ports	Market Value and Trading Volume of Stock Exchange	Market Value and Trading Volume of Bonds Exchange	annual number of Foreign Visitor	
		metric ton	metric ton			person	
1	Berlin	German	25,418	4,086,602	2,378,354	919,026	1,277,400
2	Hamburg	German	23,609	106,536,000	0	0	560,197
3	Nuremberg	German	12,994	0	0	0	273,203
4	Munich	German	140,585	0	0	0	1,429,682
5	Frankfurt	German	395,348	0	0	0	1,071,506
6	Paris	France	3,800,000	2,500,000	0	0	3,233,600
7	Lyons	France	278,624	1,250,000	0	0	858,900
8	London	United K	1,600,000	50,700,000	6,069,782	4,517,472	11,600,000
9	Glasgow	United K	205,000	40,000,000	0	0	400,000
10	Liverpool	United K	216,700	30,000,000	0	0	352,000
11	Dublin	Ireland	570,000	46,165,000	129,144	80,141	5,040,000
12	Vienna	Austria	173,296	1,230,023	67,658	464,712	6,245,049
13	Geneva	Switzerk	58,000	0	0	0	3,000,000
14	Zurich	Switzerk	389,843	0	1,337,465	546,984	2,000,000
16	Amsterdam	Netherla	1,353,760	17,492,000	4,012,983	53,346	7,611,000
17	Brussels	Belgium	607,136	6,496,000	0	0	4,548,000
18	Copenhagen	Denmarl	335,731	6,216,000	186,126	1,485,900	2,587,000
19	Helsinki	Finland	112,084	10,985,000	335,906	0	1,539,000
22	Madrid	Spain	307,031	0	1,659,303	6,141,774	2,340,553
23	Barcelona	Spain	70,121	39,321,791	0	0	6,189,421
25	Rome	Italy	67,505	0	1,435,483	3,868,266	3,546,699
26	Milan	Italy	139,267	0	0	0	5,272,000
28	New York city	U.S.	2,664,304	138,328,297	21,676,599	1,274,798	5,714,000
29	Los Angeles c	U.S.	2,830,067	47,143,624	0	0	3,533,000
30	Chicago city	U.S.	2,132,936	22,333,838	0	0	1,351,000
31	Washington ci	U.S.	279,689	0	0	0	1,481,000
32	Dallas city	U.S.	1,343,627	0	0	0	494,000
33	Philadelphia ci	U.S.	1,238,340	31,972,365	0	0	390,000
34	Boston city	U.S.	544,015	23,418,263	0	0	1,325,000
35	San Francisco	U.S.	1,088,588	2,409,949	0	0	2,831,000
36	Houston city	U.S.	604,272	183,418,563	0	0	442,000
37	Atlanta city	U.S.	1,082,773	0	0	0	701,000
38	Detroit city	U.S.	527,495	15,303,855	0	0	338,000
39	Miami-Fort La	U.S.	3,287,875	8,855,205	0	0	3,403,000
40	Seattle city	U.S.	1,068,892	21,334,546	0	0	416,000
41	Minneapolis-S	U.S.	623,501	5,843,612	0	0	312,000
42	Phoenix city	U.S.	707,116	0	0	0	338,000
43	San Diego city	U.S.	295,525	2,820,745	0	0	701,000
44	Denver city	U.S.	677,889	0	0	0	286,000
45	Baltimore city	U.S.	257,155	43,028,921	0	0	182,000
46	St. Louis city	U.S.	274,301	30,308,693	0	0	104,000
47	San Jose city	U.S.	256,147	0	0	0	494,000
48	Pittsburgh city	U.S.	203,029	37,251,399	0	0	104,000
49	Cleveland city	U.S.	195,300	14,320,192	0	0	104,000

50	Sacramento ci	U.S.	232,262	0	0	0	208,000
51	Portland city	C.U.S.	679,255	27,230,043	0	0	156,000
52	Cincinnati city	U.S.	996,331	12,617,053	0	0	104,000
53	Columbus city	U.S.	216,795	0	0	0	78,000
54	San Antonio ci	U.S.	319,759	0	0	0	104,000
55	Charlotte city	U.S.	332,367	0	0	0	130,000
56	Indianapolis ci	U.S.	2,065,434	0	0	0	78,000
57	Milwaukee city	U.S.	242,555	2,864,922	0	0	55,000
58	Las Vegas city	U.S.	175,221	0	0	0	2,260,000
59	Austin city	U.S.	333,520	0	0	0	130,000
60	Nashville-Davi	U.S.	224,416	3,577,893	0	0	156,000
61	Memphis city	U.S.	7,946,380	15,905,052	0	0	55,000
63	Toronto city	Canada	359,533	1,773,500	0	0	1,414,400
64	Montréal city	Canada	99,503	20,291,800	0	0	1,011,700
65	Vancouver city	Canada	179,045	67,946,400	0	0	390,400
66	Ottawa city	Canada	7,298	0	0	0	592,400
67	Calgary city	Canada	57,576	0	0	0	373,400
68	Edmonton city	Canada	9,960	0	0	0	431,000
69	Winnipeg city	Canada	11,016	0	38,073	55,613	253,300
70	Rio de Janerio	Brazil	250,199	22,511,244	0	0	346,023
71	Buenos Aires	Argentin	34,777	63,450,140	0	0	162,150
72	Cape Town	South Ai	125,000	11,200,000	0	0	976,000
73	Johannesburg	South Ai	380,000	0	435,930	367,967	1,558,332
74	Cairo	Egypt	200,000	0	0	0	6,044,000
75	Tokyo	Japan	1,463,241	82,060,000	5,061,830	18,473	3,018,255
76	Osaka	Japan	507,106	93,147,337	2,064,041	4,465,484	1,592,173
77	Yokohama	Japan	471,346	126,960,000	0	0	893,449
78	Nagoya	Japan	114,881	187,000,000	0	0	641,451
79	Kyoto	Japan	260,204	0	0	0	841,904
80	Kawasaki	Japan	171,305	96,266,326	0	0	804,104
81	Kobe	Japan	199,375	78,759,000	0	0	332,180
82	Sapporo	Japan	214,808	0	0	0	521,179
83	Sendai	Japan	27,021	33,782,012	0	0	63,000
84	Seoul	Korea	2,413,082	0	757,283	686,272	4,753,604
85	Busan	Korea	184,915	1,049,367	0	0	1,473,780
86	Ulsan	Korea	4,633	165,142	0	0	220,558
87	Singapore	Singapo	1,615,500	347,700,000	240,431	276,735	6,127,300
89	Canberra	Australiæ	11,500,000	0	0	0	1,817,100
90	Sydney	Australiæ	12,010,000	24,900,000	957,401	69,318	9,742,200
91	Melbourne	Australiæ	7,432,900	54,600,000	0	0	6,425,100
92	Brisbane	Australiæ	153,619	26,000,000	0	0	2,390,000
93	Auckland	New Zeæ	4,920,154	4,000,000	0	0	3,730,557
94	Wellington	New Zeæ	1,300,000	9,800,000	44,963	20,537	1,419,508
95	beijing	China	377,000	0	0	0	3,711,515
96	tianjin	China	45,130	161,816,000	0	0	624,310
97	shenyang	China	24,289	0	0	0	415,833
98	dalian	China	43,070	126,000,000	0	0	232,833
99	shanghai	China	536,798	316,000,000	616,071	141,033	4,052,697
100	nanjing	China	62,500	66,200,000	0	0	240,303
101	suzhou	China	0	0	0	0	468,630
102	hangzhou	China	45,800	0	0	0	754,242
103	ningbo	China	10,043	185,000,000	0	0	161,587
104	wenzhou	China	17,954	29,340,000	0	0	142,916

105	hefei	China	7,211	0	0	0	82,540
106	fuzhou	China	56,334	47,530,000	0	0	163,063
107	xiamen	China	63,000	34,038,800	0	0	299,525
108	jinan	China	14,000	0	0	0	79,524
109	qingdao	China	51,345	141,357,000	0	0	366,292
110	wuhan	China	41,300	0	0	0	492,063
111	changsha	China	29,226	0	0	0	112,222
112	guangzhou	China	187,400	192,000,000	0	0	1,969,100
113	shenzhen	China	247,400	112,195,400	293,160	8,881	1,312,733
114	zhuhai	China	11,134	24,700,000	0	0	139,750
115	chengdu	China	145,000	0	0	0	910,614
116	xi'an	China	63,500	0	0	0	880,000
117	Hongkong		1,166,000	220,879,000	1,010,753	56,538	10,065,232
118	Macao		135,372	311,481	0	0	1,403,588
119	Taipei city	Taiwan	263,274	0	970,778	77,756	801,520
120	Kaohsiung city	Taiwan	87,758	118,111,000	0	0	546,361
121	hsinchu city	Taiwan	0	0	0	0	153,830
122	Dubai	U.A.E.	928,758	77,359,543	0	0	8,000,000
123	chongqing	China	25,000	32,440,000	0	0	155,333

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		exposure of city in public media	Annual Inflation	Standard Deviation of Inflation Rate in last 5 years	trade freedom	Legal System and Property right	
Unit			country data	country data	country data	country data	
1	Berlin	German	460,000,000.00	1.05	0.79	8.6745	8.93
2	Hamburg	German	193,000,000.00	1.05	0.79	8.6745	8.93
3	Nuremberg	German	10,300,000.00	1.05	0.79	8.6745	8.93
4	Munich	German	121,000,000.00	1.05	0.79	8.6745	8.93
5	Frankfurt	German	168,000,000.00	1.05	0.79	8.6745	8.93
6	Paris	France	853,000,000.00	2.10	0.55	7.9845	7.57
7	Lyons	France	96,800,000.00	2.10	0.55	7.9845	7.57
8	London	United K	1,140,000,000.00	2.91	0.58	8.2803	9.17
9	Glasgow	United K	123,000,000.00	2.91	0.58	8.2803	9.17
10	Liverpool	United K	125,000,000.00	2.91	0.58	8.2803	9.17
11	Dublin	Ireland	207,000,000.00	3.48	1.56	8.8342	8.30
12	Vienna	Austria	160,000,000.00	1.36	0.52	8.4543	8.80
13	Geneva	Switzerk	170,000,000.00	0.63	0.53	8.1465	8.73
14	Zurich	Switzerk	76,600,000.00	0.63	0.53	8.1465	8.73
16	Amsterdam	Netherla	262,000,000.00	2.11	1.12	8.6493	9.10
17	Brussels	Belgium	99,900,000.00	1.59	0.43	8.8063	7.90
18	Copenhagen	Denmarl	62,600,000.00	2.09	1.00	8.1445	9.47
19	Helsinki	Finland	85,300,000.00	0.86	1.28	8.0908	9.30
22	Madrid	Spain	280,000,000.00	3.03	0.62	8.2666	6.53
23	Barcelona	Spain	220,000,000.00	3.03	0.62	8.2666	6.53
25	Rome	Italy	264,000,000.00	2.67	0.50	7.7046	5.57
26	Milan	Italy	140,000,000.00	2.67	0.50	7.7046	5.57
28	New York city	U.S.	998,000,000.00	2.27	0.51	7.7849	7.90
29	Los Angeles c	U.S.	254,000,000.00	2.27	0.51	7.7849	7.90
30	Chicago city	U.S.	296,000,000.00	2.27	0.51	7.7849	7.90
31	Washington ci	U.S.	570,000,000.00	2.27	0.51	7.7849	7.90
32	Dallas city	U.S.	155,000,000.00	2.27	0.51	7.7849	7.90
33	Philadelphia ci	U.S.	177,000,000.00	2.27	0.51	7.7849	7.90
34	Boston city	U.S.	308,000,000.00	2.27	0.51	7.7849	7.90
35	San Francisco	U.S.	292,000,000.00	2.27	0.51	7.7849	7.90
36	Houston city	U.S.	177,000,000.00	2.27	0.51	7.7849	7.90
37	Atlanta city	U.S.	189,000,000.00	2.27	0.51	7.7849	7.90
38	Detroit city	U.S.	108,000,000.00	2.27	0.51	7.7849	7.90
39	Miami-Fort La	U.S.	728,000.00	2.27	0.51	7.7849	7.90
40	Seattle city	U.S.	198,000,000.00	2.27	0.51	7.7849	7.90
41	Minneapolis-S	U.S.	20,300,000.00	2.27	0.51	7.7849	7.90
42	Phoenix city	U.S.	128,000,000.00	2.27	0.51	7.7849	7.90
43	San Diego city	U.S.	158,000,000.00	2.27	0.51	7.7849	7.90
44	Denver city	U.S.	131,000,000.00	2.27	0.51	7.7849	7.90
45	Baltimore city	U.S.	127,000,000.00	2.27	0.51	7.7849	7.90
46	St. Louis city	U.S.	138,000,000.00	2.27	0.51	7.7849	7.90
47	San Jose city	U.S.	113,000,000.00	2.27	0.51	7.7849	7.90
48	Pittsburgh city	U.S.	110,000,000.00	2.27	0.51	7.7849	7.90
49	Cleveland city	U.S.	101,000,000.00	2.27	0.51	7.7849	7.90

50	Sacramento ci	U.S.	87,700,000.00	2.27	0.51	7.7849	7.90
51	Portland city	C U.S.	121,000,000.00	2.27	0.51	7.7849	7.90
52	Cincinnati city	U.S.	88,000,000.00	2.27	0.51	7.7849	7.90
53	Columbus city	U.S.	32,300,000.00	2.27	0.51	7.7849	7.90
54	San Antonio ci	U.S.	113,000,000.00	2.27	0.51	7.7849	7.90
55	Charlotte city	U.S.	96,300,000.00	2.27	0.51	7.7849	7.90
56	Indianapolis ci	U.S.	67,900,000.00	2.27	0.51	7.7849	7.90
57	Milwaukee city	U.S.	83,100,000.00	2.27	0.51	7.7849	7.90
58	Las Vegas city	U.S.	144,000,000.00	2.27	0.51	7.7849	7.90
59	Austin city	U.S.	152,000,000.00	2.27	0.51	7.7849	7.90
60	Nashville-Davi	U.S.	569,000.00	2.27	0.51	7.7849	7.90
61	Memphis city	U.S.	72,100,000.00	2.27	0.51	7.7849	7.90
63	Toronto city	Canada	125,000,000.00	2.77	1.40	8.0190	8.67
64	Montréal city	Canada	7,920,000.00	2.77	1.40	8.0190	8.67
65	Vancouver city	Canada	73,300,000.00	2.77	1.40	8.0190	8.67
66	Ottawa city	Canada	50,300,000.00	2.77	1.40	8.0190	8.67
67	Calgary city	Canada	36,200,000.00	2.77	1.40	8.0190	8.67
68	Edmonton city	Canada	27,300,000.00	2.77	1.40	8.0190	8.67
69	Winnipeg city	Canada	20,600,000.00	2.77	1.40	8.0190	8.67
70	Rio de Janerio	Brazil	231,000.00	14.74	3.77	6.6535	4.87
71	Buenos Aires	Argentin	92,800,000.00	13.44	13.63	6.7564	3.27
72	Cape Town	South Ai	60,500,000.00	5.86	1.03	7.3617	7.07
73	Johannesburg	South Ai	40,800,000.00	5.86	1.03	7.3617	7.07
74	Cairo	Egypt	78,500,000.00	4.51	1.84	5.1051	4.67
75	Tokyo	Japan	320,000,000.00	0.25	0.42	6.8175	7.83
76	Osaka	Japan	53,600,000.00	0.25	0.42	6.8175	7.83
77	Yokohama	Japan	29,700,000.00	0.25	0.42	6.8175	7.83
78	Nagoya	Japan	25,500,000.00	0.25	0.42	6.8175	7.83
79	Kyoto	Japan	82,500,000.00	0.25	0.42	6.8175	7.83
80	Kawasaki	Japan	31,100,000.00	0.25	0.42	6.8175	7.83
81	Kobe	Japan	35,600,000.00	0.25	0.42	6.8175	7.83
82	Sapporo	Japan	11,600,000.00	0.25	0.42	6.8175	7.83
83	Sendai	Japan	4,690,000.00	0.25	0.42	6.8175	7.83
84	Seoul	Korea	72,400,000.00	3.55	1.89	7.1397	6.37
85	Busan	Korea	4,400,000.00	3.55	1.89	7.1397	6.37
86	Ulsan	Korea	1,840,000.00	3.55	1.89	7.1397	6.37
87	Singapore	Singapo	718,000,000.00	0.51	3.06	9.4764	8.23
89	Canberra	Australia	54,600,000.00	2.77	0.94	7.5300	8.90
90	Sydney	Australia	263,000,000.00	2.77	0.94	7.5300	8.90
91	Melbourne	Australia	182,000,000.00	2.77	0.94	7.5300	8.90
92	Brisbane	Australia	72,000,000.00	2.77	0.94	7.5300	8.90
93	Auckland	New Zea	66,500,000.00	1.75	2.11	8.2296	8.93
94	Wellington	New Zea	64,000,000.00	1.75	2.11	8.2296	8.93
95	beijing	China	181,000,000.00	1.16	1.01	7.5331	5.33
96	tianjin	China	14,600,000.00	1.16	1.01	7.5331	5.33
97	shenyang	China	6,600,000.00	1.16	1.01	7.5331	5.33
98	dalian	China	9,890,000.00	1.16	1.01	7.5331	5.33
99	shanghai	China	140,000,000.00	1.16	1.01	7.5331	5.33
100	nanjing	China	13,700,000.00	1.16	1.01	7.5331	5.33
101	suzhou	China	7,590,000.00	1.16	1.01	7.5331	5.33
102	hangzhou	China	12,300,000.00	1.16	1.01	7.5331	5.33
103	ningbo	China	10,700,000.00	1.16	1.01	7.5331	5.33
104	wenzhou	China	4,650,000.00	1.16	1.01	7.5331	5.33

105	hefei	China	5,150,000.00	1.16	1.01	7.5331	5.33
106	fuzhou	China	3,920,000.00	1.16	1.01	7.5331	5.33
107	xiamen	China	10,900,000.00	1.16	1.01	7.5331	5.33
108	jinan	China	3,780,000.00	1.16	1.01	7.5331	5.33
109	qingdao	China	10,100,000.00	1.16	1.01	7.5331	5.33
110	wuhan	China	9,180,000.00	1.16	1.01	7.5331	5.33
111	changsha	China	2,570,000.00	1.16	1.01	7.5331	5.33
112	guangzhou	China	22,300,000.00	1.16	1.01	7.5331	5.33
113	shenzhen	China	27,100,000.00	1.16	1.01	7.5331	5.33
114	zhuhai	China	3,130,000.00	1.16	1.01	7.5331	5.33
115	chengdu	China	10,200,000.00	1.16	1.01	7.5331	5.33
116	xi'an	China	4,480,000.00	1.16	1.01	7.5331	5.33
117	Hongkong		780,000,000.00	2.58	2.41	9.7286	7.43
118	Macao		40,000,000.00	2.20	2.21	9.0286	7.00
119	Taipei city	Taiwan	15,700,000.00	1.90	0.99	8.3574	6.47
120	Kaohsiung city	Taiwan	1,750,000.00	1.90	0.99	8.3574	6.47
121	hsinchu city	Taiwan	769,000.00	1.90	0.99	8.3574	6.47
122	Dubai	U.A.E.	89,400,000.00	0.71	9.85	8.3087	6.83
123	chongqing	China	9,480,000	1.16	1.01	7.5331	5.33

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Unit		Globally Acknowledged Patents by WIPO	Paper Issued in Science and Technology from SCI	Paper Issued in Social Science	Paper Issued in Arts & Humanities	Internet Host Density	Broadband Accessibility	
		WIPO	SCI	SSCI	A&HCI	country data	country data	
1	Berlin	German	5800	25253	2056	932	4.15	8.40
2	Hamburg	German	4051	9845	750	193	4.15	8.40
3	Nuremberg	German	5	932	5	0	4.15	8.40
4	Munich	German	763	17494	1519	375	4.15	8.40
5	Frankfurt	German	4428	7324	631	169	4.15	8.40
6	Paris	France	14819	41434	3072	1891	4.50	10.60
7	Lyons	France	2282	7248	345	135	4.50	10.60
8	London	United K	13673	70256	15332	4840	6.26	10.50
9	Glasgow	United K	767	10477	1698	777	6.26	10.50
10	Liverpool	United K	377	7490	1138	442	6.26	10.50
11	Dublin	Ireland	1922	7074	907	513	2.79	3.40
12	Vienna	Austria	1968	16472	1120	363	12.13	10.20
13	Geneva	Switzerk	616	10269	1077	192	13.75	17.30
14	Zurich	Switzerk	716	14829	988	179	13.75	17.30
16	Amsterdam	Netherla	1719	17019	2777	379	21.07	19.00
17	Brussels	Belgium	965	10180	790	168	14.02	15.60
18	Copenhagen	Denmarl	1373	11462	1146	229	27.22	18.80
19	Helsinki	Finland	4495	11872	1453	214	23.48	15.00
22	Madrid	Spain	1552	23403	1186	861	2.76	8.40
23	Barcelona	Spain	1578	16554	1117	248	2.76	8.40
25	Rome	Italy	620	22020	1206	297	9.41	8.10
26	Milan	Italy	799	18907	902	113	9.41	8.10
28	New York city	U.S.	25332	45843	12603	4524	3.92	13.00
29	Los Angeles c	U.S.	23323	29399	6637	1620	3.92	13.00
30	Chicago city	U.S.	3422	26719	6093	2165	3.92	13.00
31	Washington ci	U.S.	6114	22033	9215	2002	3.92	13.00
32	Dallas city	U.S.	2019	9439	1064	224	3.92	13.00
33	Philadelphia ci	U.S.	2986	29106	6288	1207	3.92	13.00
34	Boston city	U.S.	5483	47273	6924	979	3.92	13.00
35	San Francisco	U.S.	6458	17754	2898	339	3.92	13.00
36	Houston city	U.S.	7138	26807	2425	545	3.92	13.00
37	Atlanta city	U.S.	2391	27742	4207	724	3.92	13.00
38	Detroit city	U.S.	863	8209	1240	305	3.92	13.00
39	Miami-Fort La	U.S.	1155	6864	1121	196	3.92	13.00
40	Seattle city	U.S.	3300	22705	3739	705	3.92	13.00
41	Minneapolis-S	U.S.	3562	13662	3064	576	3.92	13.00
42	Phoenix city	U.S.	1388	1903	300	40	3.92	13.00
43	San Diego city	U.S.	209	11679	2175	342	3.92	13.00
44	Denver city	U.S.	1030	8526	1363	257	3.92	13.00
45	Baltimore city	U.S.	1831	29260	4410	678	3.92	13.00
46	St. Louis city	U.S.	2665	15062	2339	671	3.92	13.00
47	San Jose city	U.S.	8199	3130	320	87	3.92	13.00
48	Pittsburgh city	U.S.	1823	18695	3750	709	3.92	13.00
49	Cleveland city	U.S.	2745	18695	3750	709	3.92	13.00

50	Sacramento ci	U.S.	470	2653	500	74	3.92	13.00
51	Portland city	C.U.S.	1837	7073	1454	365	3.92	13.00
52	Cincinnati city	U.S.	6133	9606	1310	333	3.92	13.00
53	Columbus city	U.S.	1254	11679	2276	762	3.92	13.00
54	San Antonio ci	U.S.	1930	6186	936	227	3.92	13.00
55	Charlotte city	U.S.	1257	1454	461	107	3.92	13.00
56	Indianapolis ci	U.S.	2657	8727	1385	160	3.92	13.00
57	Milwaukee city	U.S.	557	5873	1267	388	3.92	13.00
58	Las Vegas city	U.S.	791	1257	479	139	3.92	13.00
59	Austin city	U.S.	3848	7785	2151	811	3.92	13.00
60	Nashville-Davi	U.S.	525	8567	1365	394	3.92	13.00
61	Memphis city	U.S.	719	4891	753	213	3.92	13.00
63	Toronto city	Canada	2388	22919	4485	1416	10.15	17.80
64	Montréal city	Canada	2090	18256	3456	1118	10.15	17.80
65	Vancouver city	Canada	2069	11933	2267	664	10.15	17.80
66	Ottawa city	Canada	1256	10060	1436	569	10.15	17.80
67	Calgary city	Canada	1676	6266	1016	387	10.15	17.80
68	Edmonton city	Canada	599	9122	1368	436	10.15	17.80
69	Winnipeg city	Canada	287	4142	658	292	10.15	17.80
70	Rio de Janerio	Brazil	784	8971	429	70	2.36	2.00
71	Buenos Aires	Argentin	260	7789	343	143	3.12	2.00
72	Cape Town	South Ai	496	1580	181	13	1.04	0.40
73	Johannesburg	South Ai	550	1636	257	28	1.04	0.40
74	Cairo	Egypt	102	3834	138	39	0.00	0.00
75	Tokyo	Japan	59309	61663	1769	283	10.16	15.00
76	Osaka	Japan	26740	14844	151	25	10.16	15.00
77	Yokohama	Japan	7299	11330	111	10	10.16	15.00
78	Nagoya	Japan	2732	13815	224	24	10.16	15.00
79	Kyoto	Japan	5397	19725	576	61	10.16	15.00
80	Kawasaki	Japan	6197	3168	44	2	10.16	15.00
81	Kobe	Japan	2745	5765	186	22	10.16	15.00
82	Sapporo	Japan	649	10262	146	13	10.16	15.00
83	Sendai	Japan	1158	13516	175	11	10.16	15.00
84	Seoul	Korea	9595	29035	1049	135	0.53	24.90
85	Busan	Korea	601	21	1	0	0.53	24.90
86	Ulsan	Korea	162	512	8	0	0.53	24.90
87	Singapore	Singapo	2549	14272	1160	170	11.66	15.00
89	Canberra	Australia	133	6346	1221	335	14.24	7.70
90	Sydney	Australia	976	14619	2661	643	14.24	7.70
91	Melbourne	Australia	1769	9692	1413	145	14.24	7.70
92	Brisbane	Australia	762	6761	993	88	14.24	7.70
93	Auckland	New Zea	1310	4902	959	246	11.74	4.70
94	Wellington	New Zea	1482	1634	568	176	11.74	4.70
95	beijing	China	1655	36258	725	55	0.01	8.40
96	tianjin	China	128	4063	32	7	0.01	8.40
97	shenyang	China	60	2696	8	0	0.01	8.40
98	dalian	China	76	2561	13	0	0.01	8.40
99	shanghai	China	2099	15518	144	15	0.01	8.40
100	nanjing	China	125	7672	57	7	0.01	8.40
101	suzhou	China	58	851	8	1	0.01	8.40
102	hangzhou	China	135	4908	28	3	0.01	8.40
103	ningbo	China	25	326	2	0	0.01	8.40
104	wenzhou	China	20	185	1	0	0.01	8.40

105	hefei	China	24	4463	17	2	0.01	8.40
106	fuzhou	China	62	829	2	4	0.01	8.40
107	xiamen	China	71	1150	13	10	0.01	8.40
108	jinan	China	29	2921	14	0	0.01	8.40
109	qingdao	China	61	1025	3	0	0.01	8.40
110	wuhan	China	81	6160	53	5	0.01	8.40
111	changsha	China	96	2719	19	0	0.01	8.40
112	guangzhou	China	261	4582	72	8	0.01	8.40
113	shenzhen	China	1211	250	3	0	0.01	8.40
114	zhuhai	China	62	9	0	0	0.01	8.40
115	chengdu	China	142	3225	25	1	0.01	8.40
116	xi'an	China	48	4473	24	2	0.01	8.40
117	Hongkong		177	10673	1825	176	11.01	21.00
118	Macao		1	14	5	0	9.02	17.20
119	Taipei city	Taiwan	597	17213	972	98	13.85	37.70
120	Kaohsiung city	Taiwan	71	4434	191	3	13.85	37.70
121	hsinchu city	Taiwan	112	6299	192	15	13.85	37.70
122	Dubai	U.A.E.	38	548	53	6	4.62	0.00
123	chongqing	China	70	4121	143	4	0.01	8.40

Note: General data are based on 2003 and the incremental data are based on 2001-2003, unless otherwise noted.

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Secure Server per 10,000 persons

Unit	country	data
1 Berlin	German	1.60
2 Hamburg	German	1.60
3 Nuremberg	German	1.60
4 Munich	German	1.60
5 Frankfurt	German	1.60
6 Paris	France	0.62
7 Lyons	France	0.62
8 London	United K	3.43
9 Glasgow	United K	3.43
10 Liverpool	United K	3.43
11 Dublin	Ireland	3.01
12 Vienna	Austria	1.96
13 Geneva	Switzerk	3.82
14 Zurich	Switzerk	3.82
16 Amsterdam	Netherla	2.22
17 Brussels	Belgium	0.88
18 Copenhagen	Denmarl	3.12
19 Helsinki	Finland	2.41
22 Madrid	Spain	0.67
23 Barcelona	Spain	0.67
25 Rome	Italy	0.34
26 Milan	Italy	0.34
28 New York city	U.S.	6.79
29 Los Angeles c	U.S.	6.79
30 Chicago city	U.S.	6.79
31 Washington ci	U.S.	6.79
32 Dallas city	U.S.	6.79
33 Philadelphia ci	U.S.	6.79
34 Boston city	U.S.	6.79
35 San Francisco	U.S.	6.79
36 Houston city	U.S.	6.79
37 Atlanta city	U.S.	6.79
38 Detroit city	U.S.	6.79
39 Miami-Fort La	U.S.	6.79
40 Seattle city	U.S.	6.79
41 Minneapolis-S	U.S.	6.79
42 Phoenix city	U.S.	6.79
43 San Diego city	U.S.	6.79
44 Denver city	U.S.	6.79
45 Baltimore city	U.S.	6.79
46 St. Louis city	U.S.	6.79
47 San Jose city	U.S.	6.79
48 Pittsburgh city	U.S.	6.79
49 Cleveland city	U.S.	6.79

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50	Sacramento ci U.S.	6.79
51	Portland city C U.S.	6.79
52	Cincinnati city U.S.	6.79
53	Columbus city U.S.	6.79
54	San Antonio ci U.S.	6.79
55	Charlotte city U.S.	6.79
56	Indianapolis ci U.S.	6.79
57	Milwaukee city U.S.	6.79
58	Las Vegas city U.S.	6.79
59	Austin city U.S.	6.79
60	Nashville-Davi U.S.	6.79
61	Memphis city U.S.	6.79
63	Toronto city Canada	4.80
64	Montréal city Canada	4.80
65	Vancouver city Canada	4.80
66	Ottawa city Canada	4.80
67	Calgary city Canada	4.80
68	Edmonton city Canada	4.80
69	Winnipeg city Canada	4.80
70	Rio de Janerio Brazil	0.11
71	Buenos Aires Argentin	0.10
72	Cape Town South Ai	0.20
73	Johannesburg South Ai	0.20
74	Cairo Egypt	0.00
75	Tokyo Japan	1.54
76	Osaka Japan	1.54
77	Yokohama Japan	1.54
78	Nagoya Japan	1.54
79	Kyoto Japan	1.54
80	Kawasaki Japan	1.54
81	Kobe Japan	1.54
82	Sapporo Japan	1.54
83	Sendai Japan	1.54
84	Seoul Korea	0.18
85	Busan Korea	0.18
86	Ulsan Korea	0.18
87	Singapore Singapo	2.28
89	Canberra Australie	4.04
90	Sydney Australie	4.04
91	Melbourne Australie	4.04
92	Brisbane Australie	4.04
93	Auckland New Zea	4.13
94	Wellington New Zea	4.13
95	beijing China	0.00
96	tianjin China	0.00
97	shenyang China	0.00
98	dalian China	0.00
99	shanghai China	0.00
100	nanjing China	0.00
101	suzhou China	0.00
102	hangzhou China	0.00
103	ningbo China	0.00
104	wenzhou China	0.00

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105	hefei	China	0.00
106	fuzhou	China	0.00
107	xiamen	China	0.00
108	jinan	China	0.00
109	qingdao	China	0.00
110	wuhan	China	0.00
111	changsha	China	0.00
112	guangzhou	China	0.00
113	shenzhen	China	0.00
114	zhuhai	China	0.00
115	chengdu	China	0.00
116	xi'an	China	0.00
117	Hongkong		1.44
118	Macao		0.00
119	Taipei city	Taiwan	0.40
120	Kaohsiung city	Taiwan	0.40
121	hsinchu city	Taiwan	0.40
122	Dubai	U.A.E.	0.70
123	chongqing	China	0.00

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