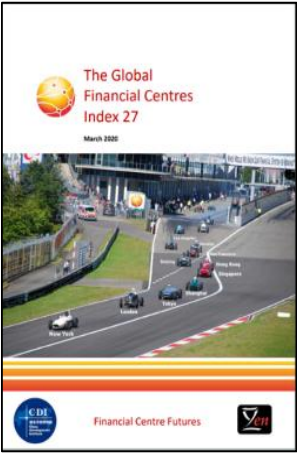


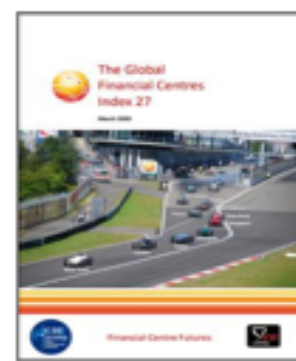
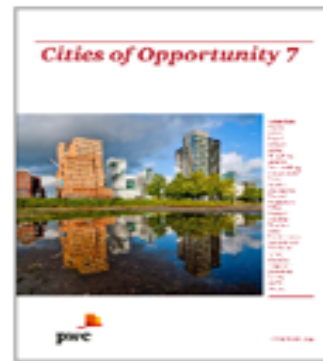
第3回「国際金融都市・東京」構想に
関する有識者懇談会 2021年3月29日

都市ランキングに見る東京のスコア要因分析

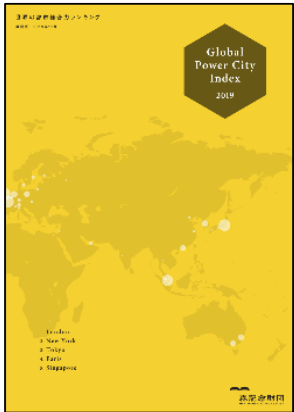
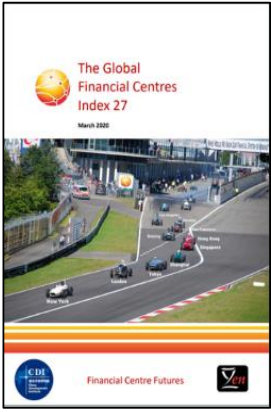
市川宏雄

明治大学名誉教授

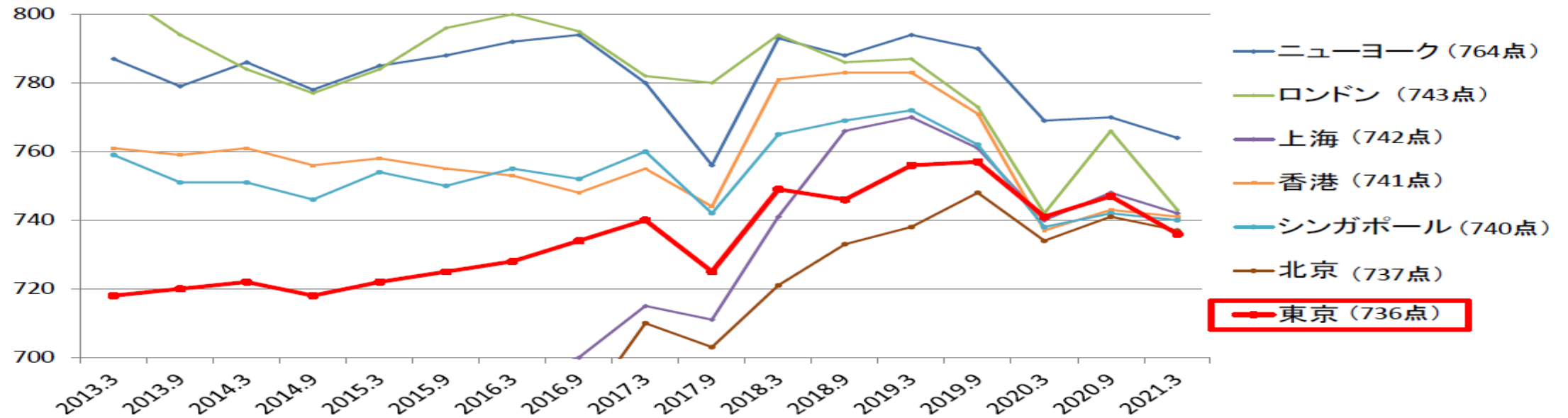
				
調査名	Global Power City Index (GPCI)	Global Cities Report	Cities of Opportunity	Global Financial Centres Index
調査機関	森記念財団 都市戦略研究所	A.T. カーニー	プライスウォーターハウスクー	Z/Yenグループ
最新版	<i>Global Power City Index 2019</i>	<i>2019 Global Cities Report</i>	<i>Cities of Opportunity 7</i>	<i>The Global Financial Centres</i>
発表日	November, 2019	May, 2019	September, 2016	March, 2020
対象都市数	48 都市	130 都市	30 都市	120都市
指標数	70 Indicators/指標	27 Metrics/指標（グローバル都市指標）	67 Indicators/指標	138 Instrumental Factors/指標
特徴	国際的な都市間競争において、人や企業を引きつける“磁力”は、その都市が有する総合的な力によって生み出されるとし、6つの分野から都市の「総合力」を複眼的に評価し、順位付けしている。	現状だけではなく将来を見据えた都市戦略を行っている都市こそが最も影響力の強い都市であると定義し、都市の現在のパフォーマンスを評価する「グローバル都市指標」（Global Cities Index）と、将来の有望性を分析する「グローバル都市展望」（Global Cities Outlook）の2つのランキングで都市を評価している。	経済力と居住者の多様なニーズに応える居住環境のバランスが良い都市が優れた都市であると定義し、機能、生活の質、経済成長の3つの視点から選ばれた指標を通じてそのバランスを評価している。	豊かでダイナミックなビジネス環境や幅広く特化した金融サービスを提供できる国際的な接続性に優れた都市が最も競争力の高い都市であると定義し、接続性、ダイバーシティ、特化度の3つの視点から都市を分析している。



調査名	Global Power City Index (GPCI)	Global Cities Report		Cities of Opportunity	Global Financial Centres Index
評価軸	経済 研究・開発 文化・交流 居住 環境 交通・アクセス	グローバル都市指標 ビジネス活動 人的資源 情報交換 文化的経験 政治的関与	グローバル都市展望 個人の幸福度 経済 イノベーション ガバナンス	知的資本・イノベーション 技術の成熟度 ゲートウェイ機能 交通・インフラ 健康・安全・治安 持続可能性と自然環境 人口構成・住みやすさ 経済的影響力 ビジネスのしやすさ コスト	人的資本 ビジネス環境 金融セクターの成長 インフラ 評判
トップ10都市	1. London 2. New York 3. Tokyo 4. Paris 5. Singapore 6. Amsterdam 7. Seoul 8. Berlin 9. Hong Kong 10. Sydney	1. New York 2. London 3. Paris 4. Tokyo 5. Hong Kong 6. Singapore 7. Los Angeles 8. Chicago 9. Beijing 10. Washington DC	1. London 2. Singapore 3. San Francisco 4. Amsterdam 5. Paris 6. Tokyo 7. Boston 8. Munich 9. Dublin 10. Stockholm	1. London 2. Singapore 3. Toronto 4. Paris 5. Amsterdam 6. New York 7. Stockholm 8. San Francisco 9. Hong Kong 10. Sydney	1. New York 2. London 3. Tokyo 4. Shanghai 5. Singapore 6. Hong Kong 7. Beijing 8. San Francisco 9. Geneva 10. Los Angeles

				
調査機関	森記念財団 都市戦略研究所	A.T. カーニー	プライスウォーターハウスクーパース	Z/Yenグループ
最新版	<i>Global Power City Index 2020</i>	<i>2020 Global Cities Index</i>	<i>Cities of Opportunity 7 2020</i>	<i>Global Financial Centres Index2021</i>
トップ10都市 (最新)	1. London	1. New York	1. London	1. New York
	2. New York	2. London	2. Singapore	2. London
	3. Tokyo	3. Paris	3. Toronto	3. Shanghai
	4. Paris	4. Tokyo	4. Paris	4. Singapore
	5. Singapore	5. Beijing	5. Amsterdam	5. Hong Kong
	6. Amsterdam	6. Hong Kong	6. New York	6. Beijing
	7. Berlin	7. Los Angeles	7. Stockholm	7. Tokyo
	8. Seoul	8. Chicago	8. San Francisco	8. San Francisco
	9. Hong Kong	9. Singapore	9. Hong Kong	9. Geneva
	10. Shanghai	10. Washington DC	10. Sydney	10. Los Angeles
			15. Tokyo	

国際金融センター 直近上位七都市のスコア推移



GFCIの評価方法

- 1) 指標データ(143指標) 外部の様々な発表データを使用
 - 2) アンケート調査(10,774回答) 各回答者は最低3都市を評価
- 最終的なランキングは、指標データとアンケート調査結果を統合して算出されるスコアで決める。指標データのウエイトはそれぞれ1とする。

ZYenのコメントは以下のとおり

Nine of the top 10 centres in the index fell in the ratings, with London and Tokyo falling over 10 points. With the top centres dropping, might this be due to central banks taking the reins during covid-19?

GFCI 2020.3 Top 15 Centres by Area of Competitiveness

Rank	Business Environment	Human Capital	Infrastructure	Financial Sector Development	Reputational & General
1	New York	New York	New York	New York	New York
2	London	London	London	London	London
3	Hong Kong	Hong Kong	Tokyo	Shanghai	Singapore
4	Geneva	Luxembourg	Singapore	Singapore	Hong Kong
5	Chicago	Singapore	Hong Kong	Hong Kong	Tokyo
6	Singapore	Paris	San Francisco	Frankfurt	Shanghai
7	Amsterdam	Shanghai	Stockholm	Zurich	Geneva
8	Beijing	Chicago	Beijing	Beijing	Beijing
9	Shanghai	Tokyo	Shanghai	San Francisco	Zurich
10	Zurich	Beijing	Amsterdam	Paris	Toronto
11	Frankfurt	Los Angeles	Madrid	Tokyo	Chicago
12	Copenhagen	Geneva	Boston	Shenzhen	San Francisco
13	Tokyo	San Francisco	Vancouver	Los Angeles	Stockholm
14	San Francisco	Shenzhen	Brussels	Amsterdam	Sydney
15	Montreal	Dubai	Paris	Copenhagen	Oslo

(出典) https://www.longfinance.net/media/documents/GFCI_28_Full_Report_2020.09.25_v1.1.pdf

GFCI 2021.3 Top 15 Centres By Area Of Competitiveness

Rank	Business Environment	Human Capital	Infrastructure	Financial Sector Development	Reputational & General
1	New York	New York	New York	London	New York
2	Singapore	London	London	New York	Singapore
3	London	Singapore	Shanghai	Singapore	London
4	Hong Kong	Hong Kong	Hong Kong	Shenzhen	Hong Kong
5	Beijing	Shanghai	Singapore	Hong Kong	Zurich
6	Shanghai	Tokyo 	Tokyo 	Shanghai	Shanghai
7	San Francisco	Beijing	Beijing	Zurich	Beijing
8	Tokyo 	Paris	Amsterdam	Frankfurt	Tokyo 
9	Chicago	Brussels	Zurich	Seoul	Geneva
10	Frankfurt	Luxembourg	Boston	Los Angeles	Edinburgh
11	Edinburgh	Los Angeles	Frankfurt	Luxembourg	Glasgow
12	Luxembourg	San Francisco	Edinburgh	San Francisco	Dublin
13	Amsterdam	Chicago	Geneva	Beijing	Seoul
14	Zurich	Shenzhen	Guangzhou	Geneva	Hamburg
15	Washington DC	Frankfurt	Seoul	Edinburgh	Paris

(出典) https://www.longfinance.net/media/documents/GFCI_29_Full_Report_2021.03.17_v1.1.pdf

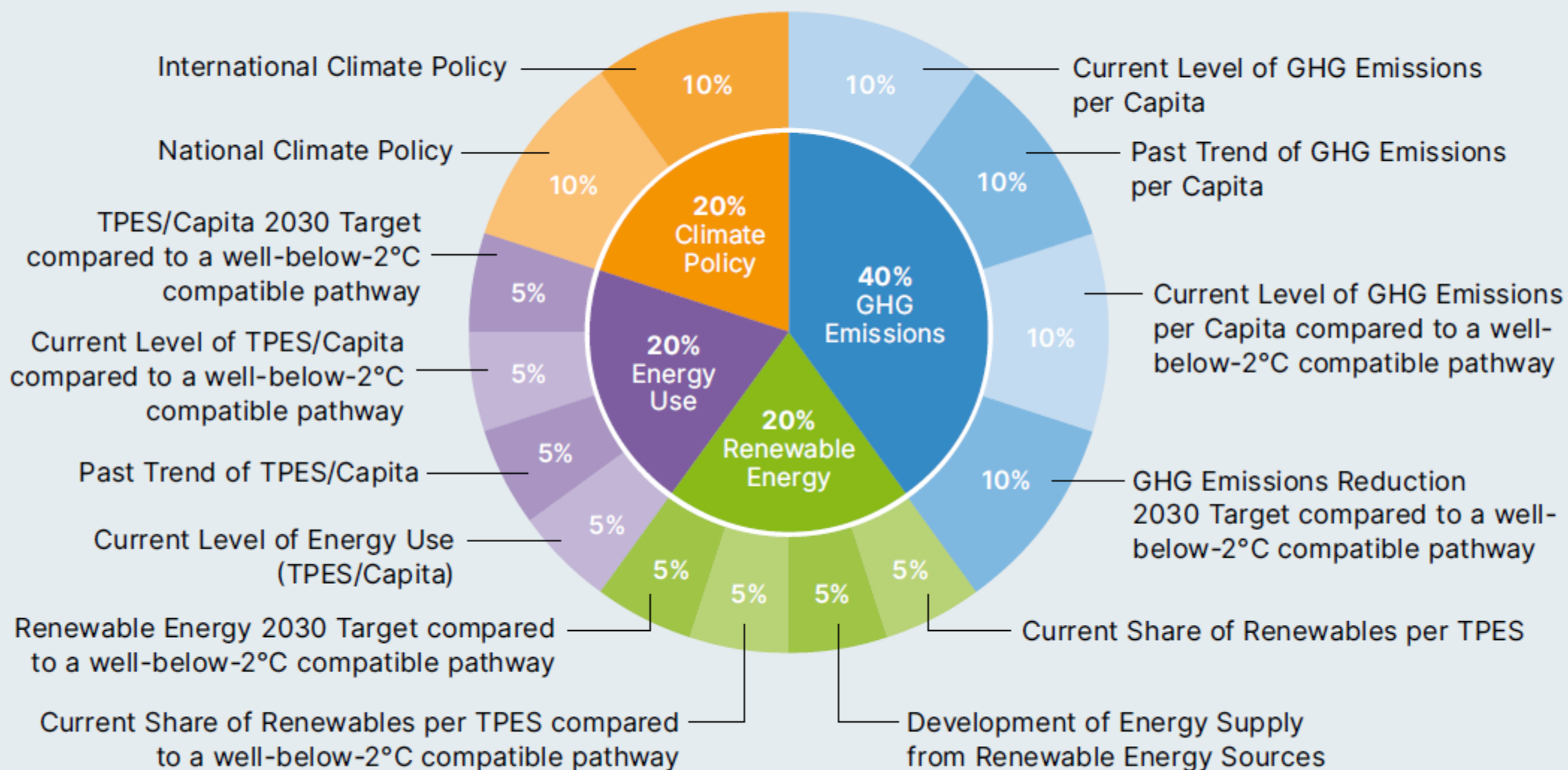


GFCI 2021.3 Financial Sector Development Factors

Instrumental Factor	Source	Website	Change since GFCI 2019.3
Capitalisation Of Stock Exchanges	The World Federation Of Stock Exchanges	https://focus.world-exchanges.org/issue/july-2020/market-statistics	Updated
Value Of Share Trading	The World Federation Of Stock Exchanges	https://focus.world-exchanges.org/issue/july-2020/market-statistics	Updated
Volume Of Share Trading	The World Federation Of Stock Exchanges	https://statistics.world-exchanges.org/ReportGenerator/Generator#	Updated
Broad Stock Index Levels	The World Federation Of Stock Exchanges	https://focus.world-exchanges.org/issue/july-2020/market-statistics	Updated
Value Of Bond Trading	The World Federation Of Stock Exchanges	https://statistics.world-exchanges.org/ReportGenerator/Generator#	Updated
Domestic Credit Provided By Banking Sector (% Of GDP)	The World Bank	http://databank.worldbank.org/data/Reports.aspx?source=world-development-indicators&series=FSASTDOMS.GD.ZS	Updated
Percentage of Firms Using Banks to Finance Investment	The World Bank	http://databank.worldbank.org/data/Reports.aspx?source=world-development-indicators&series=IC.FRM.BNK.SZS	Updated
Total Net Assets Of Regulated Open-Ended Funds	Investment Company Institute	http://www.icifactbook.org/	
Islamic Finance Country Index	Islamic Banks And Financial Institutions	http://www.gifr.net/publications	
Net External Positions Of Banks	The Bank For International Settlements	http://www.bis.org/statistics/annex_map.htm	Updated
External Positions Of Central Banks As A Share Of GDP	The Bank For International Settlements	http://www.bis.org/statistics/annex_map.htm	Updated
Liner Shipping Connectivity Index	The World Bank	http://databank.worldbank.org/data/reports.aspx?source=2&series=IS.SHP.GCNW.XQ	
Global Connectedness Index	DHL	https://www.dhl.com/global-en/spotlight/globalization/global-connectedness-index.html	Updated
Economic Performance Index	The Brookings Institution	https://www.brookings.edu/research/global-metro-monitor-2018/#rank	
Financial Centre Sustainability Disclosure	Corporate Knights	https://www.finance-watch.org/publication/global-green-finance-index-3/	
Financial Centre Carbon Intensity	Corporate Knights	https://www.finance-watch.org/publication/global-green-finance-index-3/	
Financial System Green Alignment	Corporate Knights	https://www.finance-watch.org/publication/global-green-finance-index-3/	
Labelled Green Bonds Issued By Country Of Issuer	Corporate Knights	https://www.finance-watch.org/publication/global-green-finance-index-3/	
Total Issuance Of Labelled Green Bonds To December	CBI	http://www.finance-watch.org/our-work/dossiers?fid=192	
Sustainable Stock Exchanges (Y/N)	UN Sustainable Stock Exchange Initiative	https://sseinitiative.org/members/	Updated
Green Bond Segments On Stock Exchanges (Y/N)	CBI	https://www.climatebonds.net/green-bond-segments-stock-exchanges	
The Global Fintech Index	Findexable	https://findexable.com/	
The Global Green Finance Index (Depth)	Z/Yen	https://www.longfinance.net/programmes/financial-centre-futures/global-green-finance-index/	Updated
The Global Green Finance Index (Quality)	Z/Yen	https://www.longfinance.net/programmes/financial-centre-futures/global-green-finance-index/	Updated
Climate Change Performance Index	Germanwatch, New Climate Institute, Climate Action Network	https://ccpi.org/download/the-climate-change-performance-index-2021/	New



Components of the CCPI



Climate Change Performance Index – Rating table

Rank		Country	Score**	Categories
1*	—	—	—	
2.	—	—	—	
3.	—	—	—	
4.	—	Sweden	74.42	
5.	▲	United Kingdom	69.66	
6.	▼	Denmark	69.42	
7.	▼	Morocco	67.59	
8.	▲	Norway	65.45	
9.	▲	Chile	64.05	
10.	▼	India	63.98	
11.	▼	Finland	62.63	
12.	▲	Malta	62.21	
13.	▲	Latvia	61.88	
14.	▲	Switzerland	60.85	
15.	▼	Lithuania	58.03	
16.	▲	European Union (28)	57.29	
17.	▲	Portugal	56.80	
18.	▲	Croatia	56.69	
19.	▲	Germany	56.39	
20.	▼	Ukraine	55.48	
21.	▼	Luxembourg	55.23	
22.	▼	Egypt	54.33	
23.	▼	France	53.72	
24.	▼	Indonesia	53.59	
25.	▼	Brazil	53.26	
26.	▲	Thailand	53.18	
27.	▼	Italy	53.05	
28.	▲	New Zealand	51.30	
29.	—	Netherlands	50.96	
30.	▼	Romania	50.33	
31.	▼	Slovak Republic	49.51	
32.	—	Mexico	48.76	
33.	▼	China	48.18	
34.	▼	Greece	48.11	
35.	▲	Austria	48.09	
36.	▲	Belarus	47.27	
37.	▼	South Africa	46.13	
38.	▼	Estonia	46.01	
39.	▲	Ireland	45.47	
40.	▼	Belgium	45.11	
41.	▼	Spain	45.02	
42.	▲	Turkey	43.47	
43.	▲	Algeria	43.27	
44.	▲	Bulgaria	42.64	
45.	▲	Japan	42.49	
46.	▼	Argentina	40.48	
47.	▼	Czech Republic	38.98	
48.	▲	Poland	38.94	
49.	▼	Cyprus	38.73	
50.	▼	Hungary	38.22	
51.	▼	Slovenia	37.02	
52.	—	Russian Federation	30.34	
53.	▲	Korea	29.76	
54.	▲	Australia	28.82	
55.	▼	Kazakhstan	28.04	
56.	▼	Malaysia	27.76	
57.	▲	Chinese Taipei	27.11	
58.	▼	Canada	24.82	
59.	▼	Islamic Republic of Iran	24.58	
60.	—	Saudi Arabia	22.46	
61.	—	United States	19.75	

Index Categories

- GHG Emissions (40% weighting)
- Renewable Energy (20% weighting)
- Energy Use (20% weighting)
- Climate Policy (20% weighting)

Japan's position

40

46

25

50

国データのみで都市別データはない
シンガポールと香港はない

Rating

- Very High
- High
- Medium
- Low
- Very Low

Index Categories

- GHG Emissions (40% weighting)
- Renewable Energy (20% weighting)
- Energy Use (20% weighting)
- Climate Policy (20% weighting)

* None of the countries achieved positions one to three. No country is doing enough to prevent dangerous climate change.

GFCI 2021.3 Reputation Factors

Instrumental Factor	Source	Website	Change since GFCI 2020.3
World Competitiveness Scoreboard	IMD	https://www.imd.org/wcc/world-competitiveness-center-rankings/world-competitiveness-ranking-2020/	
Global Competitiveness Index	World Economic Forum	http://reports.weforum.org/global-competitiveness-report-2019/competitiveness-rankings/	
Foreign Direct Investment Inflows	UNCTAD	http://unctadstat.unctad.org/wds/tableView/tableView.aspx?ReportId=96740	Updated
FDI Confidence Index	AT Kearney	https://www.atkearney.com/foreign-direct-investment-confidence-index	
GDP Per Person Employed (Constant 2017 PPP \$)	The World Bank	https://databank.worldbank.org/reports.aspx?source=world-development-indicators&series=SL.GDP.PCAP.EM.KD	Updated
Global Innovation Index	INSEAD	http://www.globalinnovationindex.org/content.aspx?page=GII-Home	Updated
International IP Index	GIPC	https://www.theglobalipcenter.com/ip-index2020/	New
RPI (% Change On Year Ago)	The Economist	https://www.economist.com/economic-and-financial-indicators/2020/12/16/economic-data-commodities-and-markets	Updated
Consumer Prices	IMF	https://data.imf.org/regular.aspx?key=61545861	New
Number Of International Association Meetings	World Economic Forum	http://reports.weforum.org/travel-and-tourism-competitiveness-report-2019/rankings/#series=NRFAIREX	
Innovation Cities Global Index	2ThinkNow Innovation Cities	https://www.innovation-cities.com/index-2019-global-city-rankings/18842/	
Big Mac Index	The Economist	https://www.economist.com/news/2020/07/15/the-big-mac-index	Updated
Sustainable Economic Development	Boston Consulting Group	https://www.bcg.com/en-gb/publications/2019/seda-measuring-well-being.aspx	
Global Enabling Trade Report	World Economic Forum	https://www.weforum.org/focus/global-enabling-trade-report-2016	
Good Country Index	Good Country Party	https://www.goodcountry.org/index/results	Updated
Legatum Prosperity Index	Legatum Institute	http://www.prosperity.com/#!/ranking	Updated
IESE Cities In Motion Index	IESE	http://citiesinmotion.iese.edu/indicecim/?lang=en	
FDI Inward Stock (In Million Dollars)	UNCTAD	http://unctad.org/en/Pages/DIAE/World%20Investment%20Report/Annex-Tables.aspx	
Sustainable Cities Index	Arcadis	https://www.arcadis.com/en/global/our-perspectives/sustainable-cities-index-2018/citizen-centric-cities/	
Global Cities Index	AT Kearney	https://www.atkearney.com/global-cities/2020	Updated
Quality Of Nationality Index	Henley Partners	https://nationalityindex.com/#	
Best Countries	U.S.News	https://www.usnews.com/news/best-countries/overall-rankings	
Global Power City Index	The Mori Memorial Foundation	http://mori-m-foundation.or.jp/english/ius2/spci2/index.shtml	Updated
TRACE Bribery Risk Matrix	Trace International	https://matrixbrowser.traceinternational.org/	Updated
Jurisdictions Participating In The Convention On Mutual Administrative Assistance In Tax Matters	OECD	http://www.oecd.org/	