

COUNTRY
PROFILE

NEW ZEALAND



WORLD COMPETITIVENESS RANKING **2022**

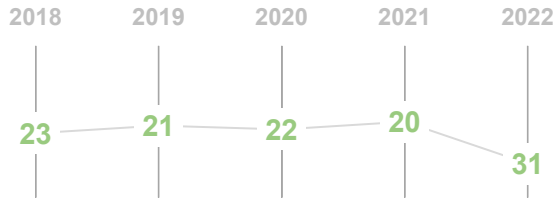
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New Zealand

Competitiveness Trends - Overall

OVERALL PERFORMANCE (63 countries)



CHALLENGES IN 2022

- Labour shortages across almost all sectors of the economy.
- Low productivity and resultant lack of competitiveness on wages.
- High house prices and stubborn inequality.
- Short term policy thinking, short term societal (non-political) thinking.
- Slow transition of habits (consumption) and industry (investment) to low carbon economy.

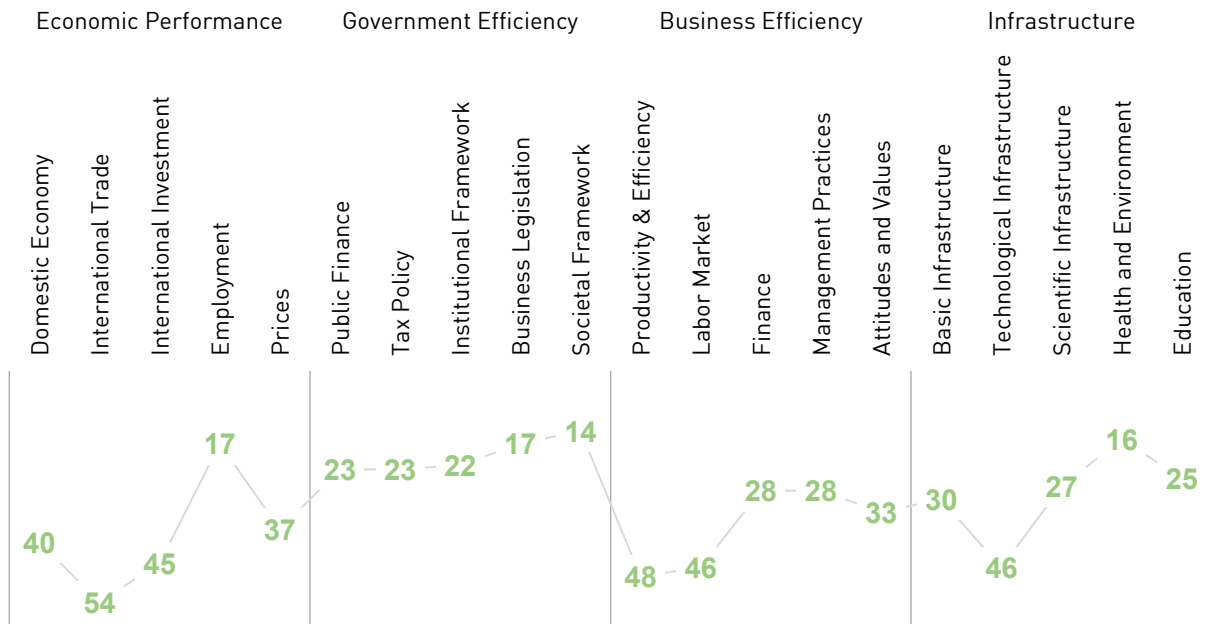
BASIC FACTS

Rank

	Wellington	Rank
Capital	Wellington	
Land area (square km '000)	268	2021
Exchange Rate (per \$)	1.414	2021
Population - market size (millions)	5.12	2021 50
Gross Domestic Product (GDP) (US\$ billions)	247.6	2021 43
GDP (PPP) per capita (US\$)	46,584	2021 26
Real GDP growth (%)	5.0	2021 31
Consumer price inflation (%)	3.94	2021 44
Unemployment rate (%)	3.80	2021 11
Labor force (millions)	2.91	2021 47
Current account balance (% of GDP)	-5.57	2021 56
Direct investment stocks inward (\$bn)	91.5	2020 47
Direct investment flows inward (% of GDP)	1.93	2020 27

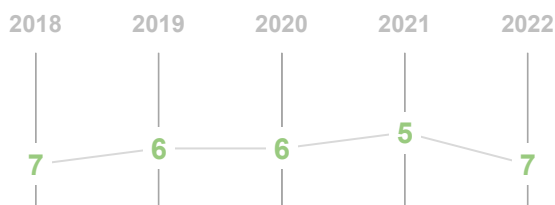
PROVIDED BY: Kerridge & Partners, Auckland

COMPETITIVENESS LANDSCAPE

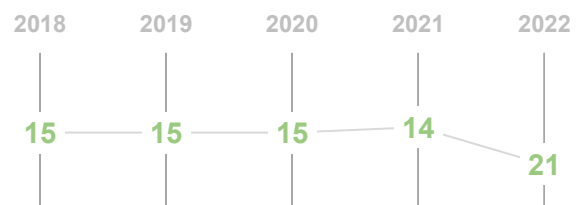


PEER GROUPS RANKINGS

ASIA - PACIFIC (14 countries)



POPULATIONS < 20 MILLION (36 countries)



New Zealand

Competitiveness Evolution & Attractiveness Indicators

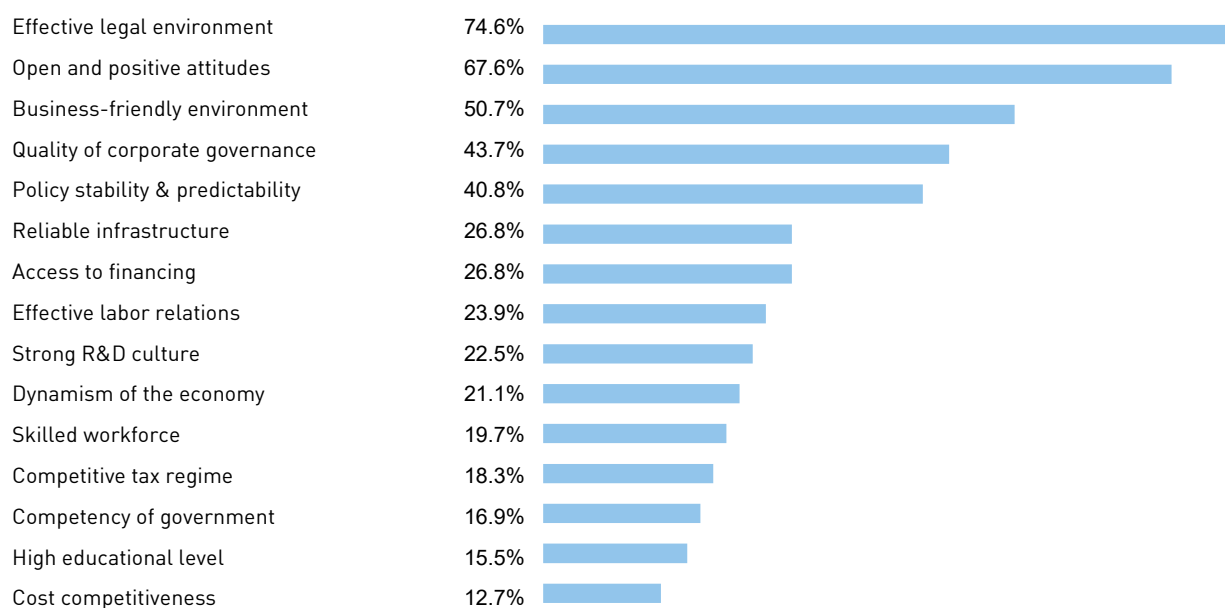
COMPETITIVENESS EVOLUTION

The criteria below highlight the 15 biggest Improvements and the 15 biggest Declines in the overall performance of the economy. They are determined by the largest percentage changes in the value of each criterion from one yearbook to the next.

IMPROVEMENTS	WCY 2021	WCY 2022	DECLINES	WCY 2021	WCY 2022
1.1.14 Real GDP growth	-3.8	5.0	2.4.07 Government subsidies	0.33	4.21
1.1.18 Gross fixed capital formation - real growth	3.82	11.37	1.2.02 Current account balance	-1.09	-5.57
1.1.15 Real GDP growth per capita	-4.97	4.43	2.5.02 Homicide	0.74	2.63
3.2.14 Labor force - long-term growth	0.61	1.07	1.5.01 Consumer price inflation	1.72	3.94
1.4.08 Long-term unemployment	0.48	0.34	4.1.07 Population - growth	2.09	0.57
1.2.18 Export concentration by product	62.1	48.4	1.2.25 Tourism receipts	5.09	2.76
2.3.08 Exchange rate stability	0.050	0.040	3.2.21 Brain drain	4.81	2.62
1.1.20 GDP per capita	41,028	48,410	2.1.07 Public finances	5.67	3.92
1.4.07 Unemployment rate	4.60	3.80	3.2.18 Skilled labor	3.90	2.70
2.3.07 Foreign currency reserves per capita	2,698	3,150	1.2.13 Exports of commercial services (%)	5.58	3.92
4.4.13 Safely treated waste water	73.1	85.1	3.2.24 Competent senior managers	5.61	4.00
1.2.08 Exports of goods (\$bn)	38.90	44.87	2.3.11 Transparency	5.94	4.34
4.3.19 Medium- and high-tech value added	18.53	21.27	3.2.23 International experience	5.77	4.37
2.1.02 Government budget surplus/deficit (%)	-5.70	-4.94	2.3.05 Central bank policy	7.21	5.49
2.5.13 Unemployment rate - gender ratio	1.17	1.05	3.2.19 Finance skills	6.58	5.04

KEY ATTRACTIVENESS INDICATORS

From a list of 15 indicators, respondents of the Executive Opinion Survey were asked to select 5 that they perceived as the key attractiveness factors of their economy. The chart shows the percentage of responses per indicator from the highest number of responses to the lowest.



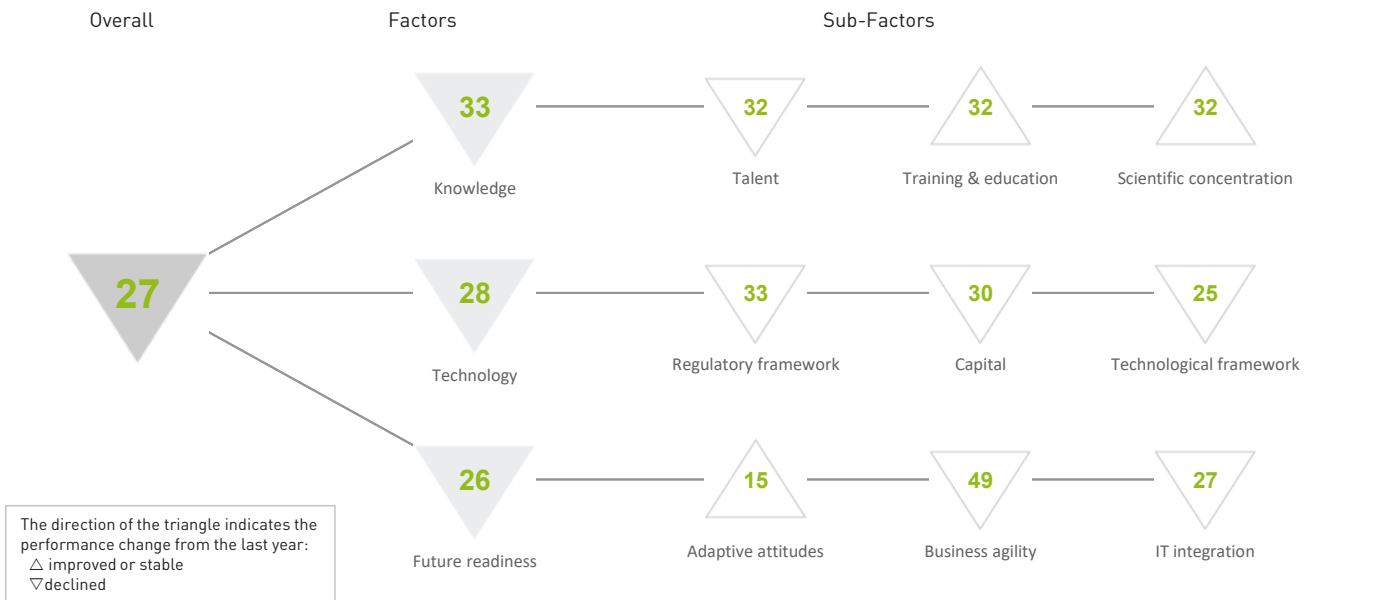
WORLD COMPETITIVENESS DIGITAL RANKING **2022**

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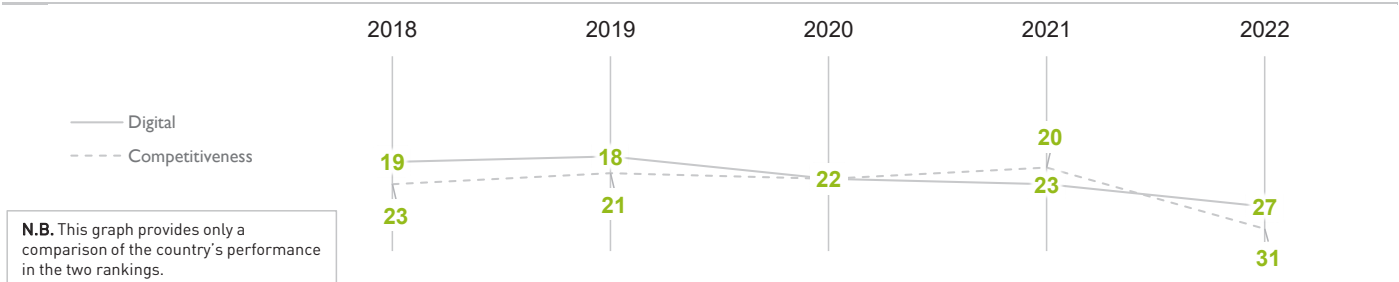
OVERALL PERFORMANCE (63 countries)



OVERALL & FACTORS - 5 years

	2018	2019	2020	2021	2022
OVERALL	19	18	22	23	27
Knowledge	21	21	28	28	33
Technology	16	15	18	21	28
Future readiness	18	20	21	19	26

COMPETITIVENESS & DIGITAL RANKINGS



PEER GROUPS RANKINGS

ASIA - PACIFIC (14 countries)



POPULATIONS < 20 MILLION (36 countries)



NEW ZEALAND

▶ Overall Top Strengths

▷ Overall Top Weaknesses

KNOWLEDGE

Sub-Factors	2018	2019	2020	2021	2022
Talent	16	11	17	14	32
Training & education	37	34	37	36	32
Scientific concentration	15	26	34	33	32

Talent		Training & education		Scientific concentration	
	Rank		Rank		Rank
Educational assessment PISA - Math	26	Employee training	42	Total expenditure on R&D (%)	30
▷ International experience	58	Total public expenditure on education	13	Total R&D personnel per capita	15
Foreign highly-skilled personnel	28	Higher education achievement	31	Female researchers	-
▷ Management of cities	54	Pupil-teacher ratio (tertiary education)	35	R&D productivity by publication	40
Digital/Technological skills	51	Graduates in Sciences	36	Scientific and technical employment	12
▶ Net flow of international students	03	Women with degrees	26	High-tech patent grants	43
				Robots in Education and R&D	44

TECHNOLOGY

Sub-Factors	2018	2019	2020	2021	2022
Regulatory framework	13	11	21	24	33
Capital	14	15	24	22	30
Technological framework	25	25	21	23	25

Regulatory framework		Capital		Technological framework	
	Rank		Rank		Rank
▶ Starting a business	01	IT & media stock market capitalization	33	Communications technology	31
Enforcing contracts	19	Funding for technological development	45	Mobile Broadband subscribers	44
▷ Immigration laws	63	Banking and financial services	30	Wireless broadband	15
Development & application of tech.	37	Country credit rating	12	Internet users	23
Scientific research legislation	32	Venture capital	37	Internet bandwidth speed	17
Intellectual property rights	17	Investment in Telecommunications	21	High-tech exports (%)	41

FUTURE READINESS

Sub-Factors	2018	2019	2020	2021	2022
Adaptive attitudes	14	13	13	16	15
Business agility	35	32	46	30	49
IT integration	17	10	18	18	27

Adaptive attitudes		Business agility		IT integration	
	Rank		Rank		Rank
▶ E-Participation	04	Opportunities and threats	38	▶ E-Government	08
Internet retailing	19	World robots distribution	41	▷ Public-private partnerships	54
Tablet possession	14	Agility of companies	48	▷ Cyber security	52
Smartphone possession	35	Use of big data and analytics	39	▶ Software piracy	02
Attitudes toward globalization	21	Knowledge transfer	40	Government cyber security capacity	19
		Entrepreneurial fear of failure	-	Privacy protection by law content	39

WORLD TALENT RANKING **2022**

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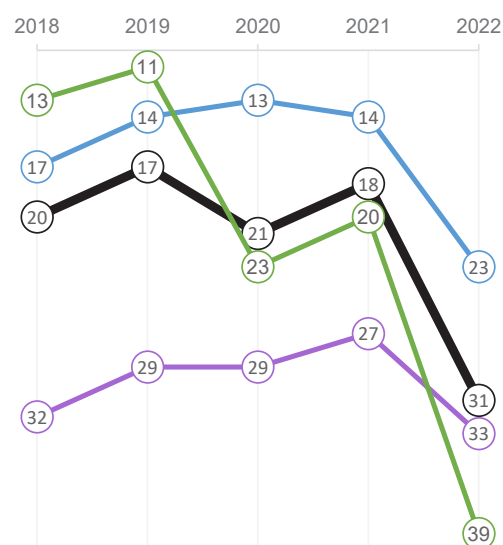
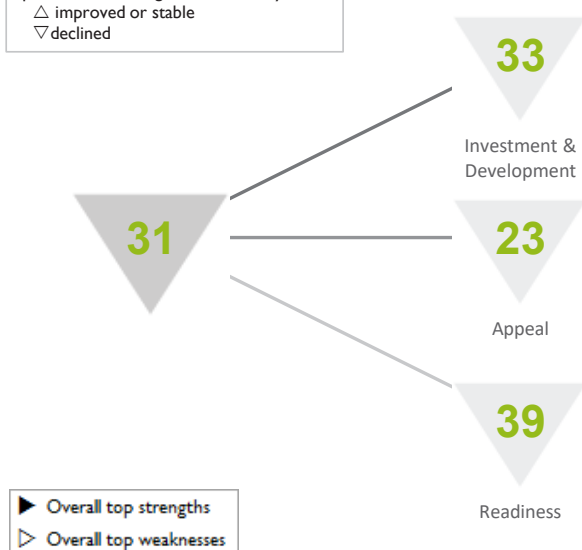
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OVERALL PERFORMANCE (63 countries)

The direction of the triangle indicates the performance change from the last year:

- △ improved or stable
- ▽ declined



INVESTMENT & DEVELOPMENT

		Value	2022 Rank
▶ Total public expenditure on education	Percentage of GDP	5.9 %	13
Total public exp. on education per student	Spending per enrolled pupil/student, all levels	8,954 US\$	22
Pupil-teacher ratio (primary education)	Ratio of students to teaching staff	16.42 ratio	43
Pupil-teacher ratio (secondary education)	Ratio of students to teaching staff	14.53 ratio	48
Apprenticeships	are sufficiently implemented	4.82 Survey [0..10]	41
Employee training	is a high priority in companies	5.58 Survey [0..10]	42
Female labor force	Percentage of total labor force	47.36 %	13
Health infrastructure	meets the needs of society	4.34 Survey [0..10]	49

APPEAL

		Value	2022 Rank
Cost-of-living index	Index of a basket of goods & services in the main city, including housing (New York City = 100)	78.40 index	34
▶ Attracting and retaining talents	is a priority in companies	7.89 Survey [0..10]	9
Worker motivation	in companies is high	5.63 Survey [0..10]	37
▷ Brain drain	(well-educated and skilled people) does not hinder competitiveness in your economy	2.62 Survey [0..10]	61
Quality of life	is high	7.91 Survey [0..10]	23
Foreign highly-skilled personnel	are attracted to your country's business environment	5.69 Survey [0..10]	28
Remuneration in services professions	Gross annual income including supplements such as bonuses, US\$	40,586 US\$	15
Remuneration of management	Total base salary plus bonuses and long-term incentives, US\$	160,434 US\$	32
▷ Collected personal income tax	On profits, income and capital gains, as a percentage of GDP	12.33 %	58
▶ Justice	is fairly administered	7.83 Survey [0..10]	12
▶ Exposure to particle pollution	Mean population exposure to PM2.5, Micrograms per cubic metre	6.05 micrograms	4

READINESS

		Value	2022 Rank
Labor force growth	Percentage change	1.53 %	24
▷ Skilled labor	is readily available	2.70 Survey [0..10]	63
Finance skills	are readily available	5.04 Survey [0..10]	51
▷ International experience	of senior managers is generally significant	4.37 Survey [0..10]	58
▷ Competent senior managers	are readily available	4.00 Survey [0..10]	54
Primary and secondary education	meets the needs of a competitive economy	5.75 Survey [0..10]	41
Graduates in Sciences	% of graduates in ICT, Engineering, Math & Natural Sciences	23.63 %	30
University education	meets the needs of a competitive economy	6.70 Survey [0..10]	30
Management education	meets the needs of the business community	5.89 Survey [0..10]	42
Language skills	are meeting the needs of enterprises	5.61 Survey [0..10]	44
▶ Student mobility inbound	Foreign tertiary-level students per 1000 inhabitants	8.59 number	5
Educational assessment - PISA	PISA survey of 15-year olds	503 Average	14

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