

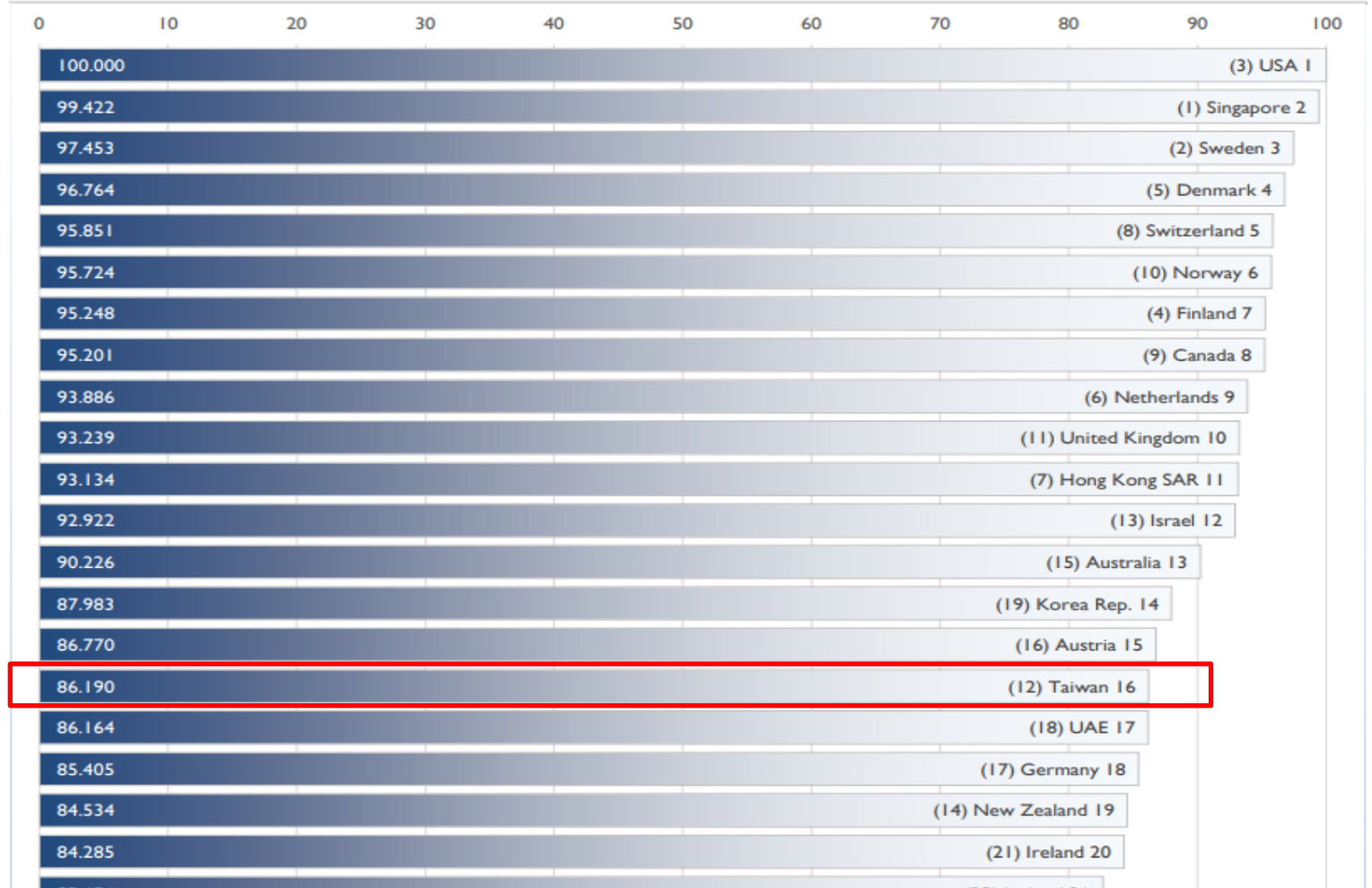


TWIGF

如何讓臺灣的網路環境更具有國際競爭力
**Open Free Internet as
Taiwan's Key
Competitive Strength**

The 2018 IMD World Digital

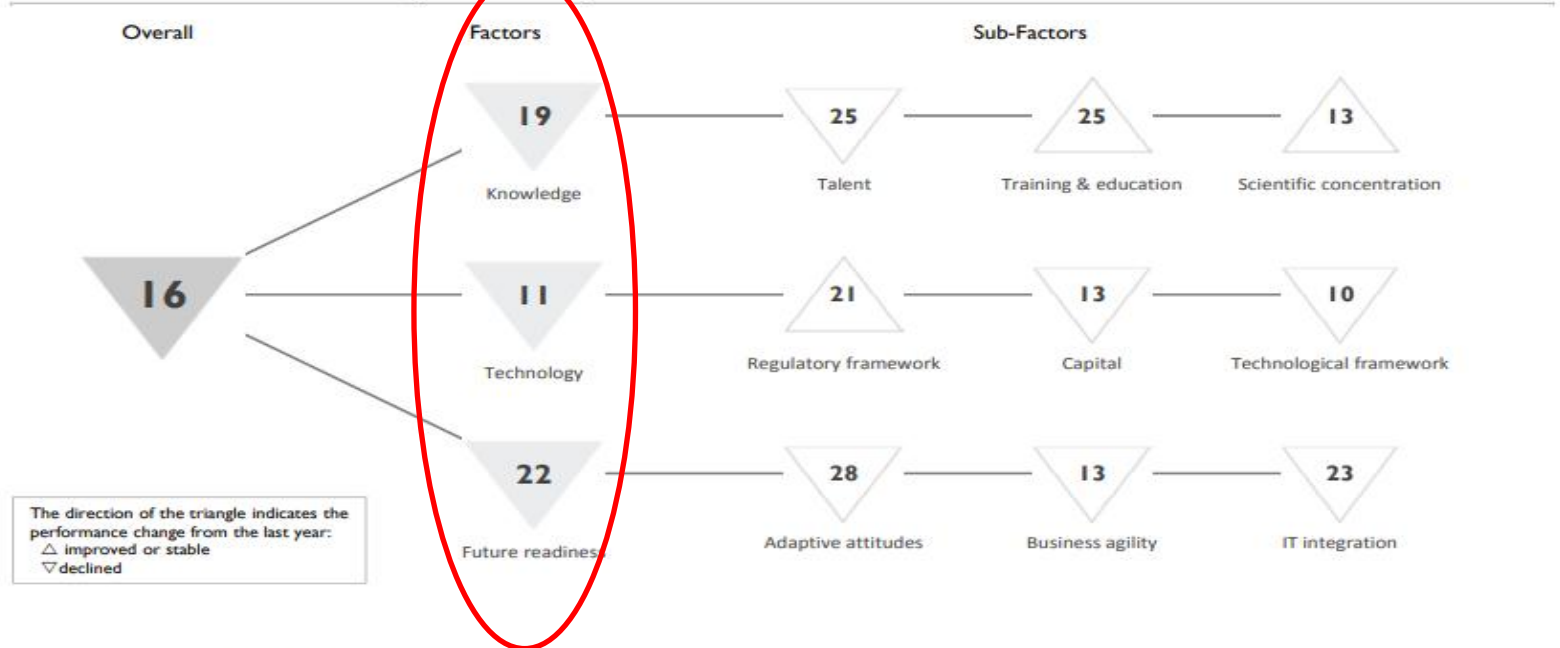
DIGITAL COMPETITIVENESS RANKING (Ranks 1 - 30)





TAIWAN

OVERALL PERFORMANCE (63 countries)



OVERALL & FACTORS - 5 years

	2014	2015	2016	2017	2018
OVERALL	16	15	16	12	16
Knowledge	22	19	19	16	19
Technology	10	4	8	7	11
Future readiness	20	20	22	16	22

COMPETITIVENESS & DIGITAL RANKINGS





KNOWLEDGE

Subfactors	2014	2015	2016	2017	2018
Talent	17	19	19	18	25
Training & education	23	22	23	28	25
Scientific concentration	20	19	19	17	13

Talent	Rank
► Educational assessment PISA - Math	3
International experience	44
▷ Foreign highly-skilled personnel	55
Management of cities	30
Digital/Technological skills	40
Net flow of international students	12

Training & education	Rank
Employee training	18
▷ Total public expenditure on education	47
Higher education achievement	4
▷ Pupil-teacher ratio (tertiary education)	53
Graduates in Sciences	10
Women with degrees	35

Scientific concentration	Rank
Total expenditure on R&D (%)	5
► Total R&D personnel per capita	1
▷ Female researchers	48
R&D productivity by publication	34
Scientific and technical employment	36
High-tech patent grants	14

TECHNOLOGY

Subfactors	2014	2015	2016	2017	2018
Regulatory framework	26	22	25	24	21
Capital	5	6	6	8	13
Technological framework	4	4	6	4	10

Regulatory framework	Rank
Starting a business	11
Enforcing contracts	9
Immigration laws	36
Development and app. of technology	34
Scientific research legislation	26
Intellectual property rights	28

Capital	Rank
► IT & media stock market capitalization	2
Funding for technological development	28
Banking and financial services	26
Investment risk	18
Venture capital	31
▷ Investment in Telecommunications	45

Technological framework	Rank
Communications technology	33
► Mobile Broadband subscribers	2
Wireless broadband	20
Internet users	21
Internet bandwidth speed	13
► High-tech exports (%)	3

FUTURE READINESS

Subfactors	2014	2015	2016	2017	2018
Adaptive attitudes	20	19	19	19	28
Business agility	20	19	24	6	13
IT integration	22	23	24	22	23

Adaptive attitudes	Rank
E-Participation	-
Internet retailing	20
Tablet possession	28
Smartphone possession	27
Attitudes toward globalization	14

Business agility	Rank
Opportunities and threats	8
Innovative firms	-
Agility of companies	7
Use of big data and analytics	13
Knowledge transfer	18

IT integration	Rank
E-Government	-
Public-private partnerships	21
Cyber security	11
Software piracy	25

