

Article

SUPPLEMENTARY MATERIAL

Territorial development as an innovation driver: a complex network approach

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In Table S1, we report the 2019 StartupBlink country ranking, with the overall score and the three dimensions that compose it. The 426 WDIs used to set up the complex network model are listed in Table S2.

Table S1. StartupBlink 2019 country ranking. The first two columns indicate the country names and the corresponding ISO-3166 alpha-3 codes. The remaining four columns represent the StartupBlink index and the corresponding constitutive indices (Quantity, Quality and Business index) respectively. Continues on the next page.

Country	ISO code	StartupBlink	Quantity	Quality	Business
United States	USA	44.09	12.29	22.02	9.78
United Kingdom	GBR	16.72	1.86	5.10	9.76
Canada	CAN	15.87	1.24	5.10	9.54
Israel	ISR	14.63	0.35	5.21	9.07
Australia	AUS	12.95	0.64	2.71	9.61
The Netherlands	NLD	12.91	0.34	3.27	9.29
Sweden	SWE	12.77	0.19	2.87	9.71
Switzerland	CHE	12.53	0.21	3.06	9.26
Germany	DEU	12.46	0.71	2.25	9.50
Spain	ESP	12.40	0.56	2.42	9.4
France	FRA	11.45	0.50	1.59	9.36
Finland	FIN	11.37	0.11	1.63	9.62
Estonia	EST	11.27	0.10	1.52	9.64
Ireland	IRL	11.12	0.16	1.44	9.52
Russia	RUS	10.88	0.71	1.18	8.98
Denmark	DNK	10.66	0.14	0.65	9.87
India	IND	10.65	1.48	0.59	8.58
Lithuania	LTU	10.52	0.10	0.74	9.67
South Korea	KOR	10.47	0.07	0.97	9.43
Poland	POL	10.45	0.21	0.89	9.35
Singapore	SGP	10.43	0.06	0.89	9.48
Czech Republic	CZE	10.17	0.10	0.75	9.31
Japan	JPN	10.10	0.14	0.72	9.24
Belgium	BEL	10.09	0.13	0.81	9.14
Italy	ITA	10.07	0.31	0.72	9.03
New Zealand	NZL	10.06	0.06	0.10	9.90
China	CHN	10.04	0.42	1.30	8.32
Austria	AUT	10.04	0.12	0.46	9.47
Portugal	PRT	10.03	0.17	0.53	9.33
Chile	CHL	9.77	0.18	0.64	8.95
Ukraine	UKR	9.72	0.23	0.81	8.69
Mexico	MEX	9.68	0.18	0.52	8.98
Thailand	THA	9.67	0.11	0.51	9.05
Colombia	COL	9.45	0.15	0.51	8.79
Bulgaria	BGR	9.26	0.08	0.28	8.89
Serbia	SRB	9.21	0.07	0.06	9.09
Brazil	BRA	9.21	0.46	0.72	8.03
Romania	ROU	9.21	0.13	0.07	9.02
Hungary	HUN	9.18	0.08	0.10	9.00
United Arab Emirates	ARE	9.12	0.11	0.08	8.93
Indonesia	IDN	8.89	0.10	0.54	8.25
Greece	GRC	8.82	0.09	0.06	8.67
Turkey	TUR	8.65	0.22	0.05	8.37
Argentina	ARG	8.63	0.16	0.61	7.85
Latvia	LVA	8.48	0.05	0.34	8.09
Norway	NOR	8.41	0.05	0.07	8.30
Malaysia	MYS	8.38	0.10	0.51	7.76
Slovenia	SVN	7.91	0.04	0.15	7.72
Slovakia	SVK	7.80	0.05	0.06	7.69
Croatia	HRV	7.57	0.06	0.10	7.41
South Africa	ZAF	7.55	0.05	0.51	7.00

Country	ISO code	StartupBlink	Quantity	Quality	Business
Kenya	KEN	7.42	0.06	0.01	7.36
Luxembourg	LUX	6.99	0.03	0.38	6.57
Philippines	PHL	6.82	0.04	0.50	6.27
Belarus	BLR	6.33	0.03	0.02	6.28
Nigeria	NGR	6.00	0.11	0.00	5.89
Peru	PER	5.80	0.05	0.51	5.24
Iceland	ISL	5.66	0.02	0.29	5.35
North Macedonia	MKD	5.64	0.02	0.07	5.54
Egypt	EGY	5.60	0.06	0.00	5.54
Pakistan	PAK	5.34	0.08	0.00	5.26
Georgia	GEO	5.16	0.01	0.04	5.11
Armenia	ARM	5.09	0.02	0.06	5.01
Rwanda	RWA	4.74	0.01	0.01	4.71
Morocco	MAR	4.70	0.02	0.00	4.68
Moldova	MDA	4.45	0.01	0.04	4.40
Azerbaijani	AZE	4.41	0.01	0.02	4.38
Cyprus	CYP	4.39	0.01	0.15	4.23
Kazakhstan	KAZ	4.35	0.01	0.01	4.33
Puerto Rico	PRI	4.16	0.01	0.04	4.11
Uruguay	URY	4.15	0.02	0.05	4.07
Vietnam	VNM	4.06	0.02	0.32	3.72
Jordan	JOR	3.96	0.02	0.02	3.91
Tunisia	TUN	3.86	0.01	0.01	3.83
Ghana	GHA	3.77	0.02	0.01	3.74
Bosnia and Herzegovina	BIH	3.72	0.01	0.04	3.67
Ecuador	ECU	3.62	0.02	0.01	3.59
Sri Lanka	LKA	3.61	0.02	0.01	3.58
Dominican Republic	DOM	3.47	0.01	0.01	3.45
Saudi Arabia	SAU	3.35	0.02	0.00	3.32
Uganda	UGA	3.03	0.01	0.00	3.02
Lebanon	LBN	2.80	0.01	0.03	2.76
Iran	IRN	2.72	0.02	0.00	2.70
Cameroon	CMR	2.61	0.01	0.01	2.60
Albania	ALB	2.38	0.00	0.05	2.33
Costa Rica	CRI	2.29	0.01	0.03	2.26
Bangladesh	BGD	2.22	0.02	0.00	2.20
Jamaica	JAM	2.17	0.01	0.05	2.12
Malta	MLT	2.07	0.01	0.10	1.96
Botswana	BWA	1.98	0.00	0.05	1.93
El Salvador	SLV	1.97	0.00	0.02	1.94
Zambia	ZMB	1.92	0.00	0.01	1.91
Venezuela	VEN	1.82	0.01	0.00	1.80
Trinidad and Tobago	TTO	1.62	0.00	0.03	1.60
Bahrain	BHR	1.61	0.00	0.07	1.54
Paraguay	PRY	1.49	0.01	0.02	1.46
Qatar	QAT	1.24	0.01	0.06	1.18
Bolivia	BOL	0.82	0.01	0.01	0.80
Algeria	DZA	0.81	0.00	0.00	0.80
Ethiopia	ETH	0.01	0.01	0.00	0.00

Table S2. WDIs for setting up the complex network of StartupBlink-ranked countries. Continues on the next pages.

WDI name
Access to electricity (% of population)
Access to electricity, rural (% of rural population)
Access to electricity, urban (% of urban population)
Account ownership at a financial institution or with a mobile-money-service provider, primary education or less (% of population ages 15+)
Account ownership at a financial institution or with a mobile-money-service provider, secondary education or more (% of population ages 15+)
Account ownership at a financial institution or with a mobile-money-service provider, young adults (% of population ages 15-24)
Adjusted savings: carbon dioxide damage (% of GNI)
Adjusted savings: carbon dioxide damage (current US\$)
Adjusted savings: consumption of fixed capital (% of GNI)
Adjusted savings: education expenditure (% of GNI)
Adjusted savings: energy depletion (% of GNI)
Adjusted savings: energy depletion (current US\$)
Adjusted savings: mineral depletion (% of GNI)
Adjusted savings: mineral depletion (current US\$)
Adjusted savings: natural resources depletion (% of GNI)
Adjusted savings: net forest depletion (% of GNI)
Adjusted savings: net forest depletion (current US\$)
Adjusted savings: net national savings (% of GNI)
Adjusted savings: net national savings (current US\$)
Adjusted savings: particulate emission damage (% of GNI)
Adolescent fertility rate (births per 1,000 women ages 15-19)
Age dependency ratio (% of working-age population)
Agricultural land (% of land area)
Agricultural land (sq. km)
Agricultural methane emissions (thousand metric tons of CO ₂ equivalent)
Agricultural raw materials exports (% of merchandise exports)
Agricultural raw materials imports (% of merchandise imports)
Agriculture, forestry, and fishing, value added (% of GDP)
Agriculture, forestry, and fishing, value added (annual % growth)
Agriculture, forestry, and fishing, value added per worker (constant 2010 US\$)
Air transport, freight (million ton-km)
Annual freshwater withdrawals, agriculture (% of total freshwater withdrawal)
Annual freshwater withdrawals, domestic (% of total freshwater withdrawal)
Annual freshwater withdrawals, industry (% of total freshwater withdrawal)
Annual freshwater withdrawals, total (% of internal resources)
Annual freshwater withdrawals, total (billion cubic meters)
Aquaculture production (metric tons)
Arable land (% of land area)
Arable land (hectares per person)
Arable land (hectares)
Armed forces personnel (% of total labor force)
Armed forces personnel, total
Automated teller machines (ATMs) (per 100000 adults)
Average precipitation in depth (mm per year)

WDI name
Bird species, threatened
Business extent of disclosure index (0 =less disclosure to 10 =more disclosure)
Capture fisheries production (metric tons)
Cause of death, by communicable diseases and maternal, prenatal and nutrition conditions (% of total)
Cause of death, by injury (% of total)
Cause of death, by non-communicable diseases (% of total)
Cereal production (metric tons)
Cereal yield (kg per hectare)
Changes in inventories (current US\$)
Charges for the use of intellectual property, payments (BoP, current US\$)
Claims on central government, etc. (% GDP)
CO2 emissions (kg per 2010 US\$ of GDP)
CO2 emissions (metric tons per capita)
Coal rents (% of GDP)
Commercial bank branches (per 100000 adults)
Communications, computer, etc. (% of service exports, BoP)
Communications, computer, etc. (% of service imports, BoP)
Compulsory education, duration (years)
Computer, communications and other services (% of commercial service exports)
Computer, communications and other services (% of commercial service imports)
Consumer price index (2010 = 100)
Contributing family workers, female (% of female employment) (modeled ILO estimate)
Contributing family workers, male (% of male employment) (modeled ILO estimate)
Contributing family workers, total (% of total employment) (modeled ILO estimate)
Cost to export, border compliance (US\$)
Cost to export, documentary compliance (US\$)
Cost to import, border compliance (US\$)
Cost to import, documentary compliance (US\$)
Crop production index (2014 – 2016 = 100)
Current account balance (% of GDP)
Current account balance (BoP, current US\$)
Current health expenditure (% of GDP)
Current health expenditure per capita (current US\$)
Current health expenditure per capita, PPP (current international \$)
Death rate, crude (per 1000 people)
Depth of credit information index (0 =low to 8 =high)
Diabetes prevalence (% of population ages 20 to 79)
Domestic credit to private sector (% of GDP)
Domestic general government health expenditure (% of current health expenditure)
Domestic general government health expenditure (% of GDP)
Domestic general government health expenditure (% of general government expenditure)
Domestic general government health expenditure per capita (current US\$)
Domestic general government health expenditure per capita, PPP (current international \$)
Domestic private health expenditure (% of current health expenditure)
Domestic private health expenditure per capita (current US\$)
Domestic private health expenditure per capita, PPP (current international \$)
Ease of doing business index (1 =most business-friendly regulations)

WDI name

Ease of doing business score (0 = lowest performance to 100 = best performance)
Employers, female (% of female employment) (modeled ILO estimate)
Employment in agriculture, female (% of female employment) (modeled ILO estimate)
Employment in industry (% of total employment) (modeled ILO estimate)
Employment in industry, female (% of female employment) (modeled ILO estimate)
Employment in industry, male (% of male employment) (modeled ILO estimate)
Employment in industry, male (% of male employment) (modeled ILO estimate)
Employment in industry, male (% of male employment) (modeled ILO estimate)
Employment in services (% of total employment) (modeled ILO estimate)
Employment in services, female (% of female employment) (modeled ILO estimate)
Employment in services, male (% of male employment) (modeled ILO estimate)
Employment to population ratio, 15+, male (%) (modeled ILO estimate)
Employment to population ratio, 15+, male (%) (national estimate)
Employment to population ratio, 15+, total (%) (modeled ILO estimate)
Employment to population ratio, 15+, total (%) (national estimate)
Employment to population ratio, ages 15 – 24, female (%) (modeled ILO estimate)
Employment to population ratio, ages 15 – 24, female (%) (national estimate)
Employment to population ratio, ages 15 – 24, male (%) (modeled ILO estimate)
Employment to population ratio, ages 15 – 24, male (%) (national estimate)
Employment to population ratio, ages 15 – 24, total (%) (modeled ILO estimate)
Employment to population ratio, ages 15 – 24, total (%) (national estimate)
Export unit value index (2000 = 100)
Export value index (2000 = 100)
Export volume index (2000 = 100)
Exports of goods and services (annual % growth)
External balance on goods and services (% of GDP)
External balance on goods and services (current US\$)
External health expenditure (% of current health expenditure)
External health expenditure per capita (current US\$)
External health expenditure per capita, PPP (current international \$)
Fertilizer consumption (kilograms per hectare of arable land)
Final consumption expenditure (% of GDP)
Final consumption expenditure (annual % growth)
Fish species, threatened
Fixed broadband subscriptions
Fixed broadband subscriptions (per 100 people)
Fixed telephone subscriptions
Fixed telephone subscriptions (per 100 people)
Food exports (% of merchandise exports)
Food imports (% of merchandise imports)
Food production index (2014 – 2016 = 100)
Foreign direct investment, net (BoP, current US\$)
Foreign direct investment, net inflows (% of GDP)
Foreign direct investment, net inflows (BoP, current US\$)
Foreign direct investment, net outflows (% of GDP)
Foreign direct investment, net outflows (BoP, current US\$)
Forest area (% of land area)
Forest area (sq. km)

WDI name
Forest rents (% of GDP)
Fuel exports (% of merchandise exports)
Fuel imports (% of merchandise imports)
GDP growth (annual %)
GDP per capita growth (annual %)
GDP per person employed (constant 2017 PPP \$)
General government final consumption expenditure (% of GDP)
General government final consumption expenditure (annual % growth)
GNI growth (annual %)
GNI per capita growth (annual %)
GNI per capita, Atlas method (current US\$)
Gross capital formation (% of GDP)
Gross capital formation (annual % growth)
Gross domestic savings (% of GDP)
Gross fixed capital formation (% of GDP)
Gross fixed capital formation (annual % growth)
Gross national expenditure (% of GDP)
High-technology exports (% of manufactured exports)
High-technology exports (current US\$)
Households and NPISHs final consumption expenditure (% of GDP)
Households and NPISHs Final consumption expenditure (annual % growth)
Households and NPISHs Final consumption expenditure per capita (constant 2010 US\$)
Households and NPISHs Final consumption expenditure per capita growth (annual %)
ICT goods exports (% of total goods exports)
ICT goods imports (% total goods imports)
ICT service exports (% of service exports, BoP)
ICT service exports (BoP, current US\$)
Immunization, DPT (% of children ages 12 – 23 months)
Immunization, HepB3 (% of one-year-old children)
Immunization, measles (% of children ages 12 – 23 months)
Import unit value index (2000 = 100)
Import value index (2000 = 100)
Import volume index (2000 = 100)
Imports of goods and services (annual % growth)
Incidence of tuberculosis (per 100000 people)
Individuals using the Internet (% of population)
Industry (including construction), value added (% of GDP)
Industry (including construction), value added (annual % growth)
Industry (including construction), value added (current US\$)
Industry (including construction), value added per worker (constant 2010 US\$)
Inflation, consumer prices (annual %)
International tourism, expenditures for travel items (current US\$)
International tourism, number of arrivals
International tourism, receipts for travel items (current US\$)

WDI name

Labor force participation rate for ages 15 – 24, female (%) (modeled ILO estimate)
Labor force participation rate for ages 15 – 24, female (%) (national estimate)
Labor force participation rate for ages 15 – 24, male (%) (modeled ILO estimate)
Labor force participation rate for ages 15 – 24, male (%) (national estimate)
Labor force participation rate for ages 15 – 24, total (%) (modeled ILO estimate)
Labor force participation rate for ages 15 – 24, total (%) (national estimate)
Labor force participation rate, female (% of female population ages 15 – 64) (modeled ILO estimate)
Labor force participation rate, male (% of male population ages 15+) (modeled ILO estimate)
Labor force participation rate, male (% of male population ages 15+) (national estimate)
Labor force participation rate, male (% of male population ages 15 – 64) (modeled ILO estimate)
Labor force participation rate, total (% of total population ages 15+) (modeled ILO estimate)
Labor force participation rate, total (% of total population ages 15+) (national estimate)
Labor force participation rate, total (% of total population ages 15 – 64) (modeled ILO estimate)
Labor force, female (% of total labor force)
Labor tax and contributions (% of commercial profits)
Land under cereal production (hectares)
Level of water stress: freshwater withdrawal as a proportion of available freshwater resources
Lifetime risk of maternal death (%)
Lifetime risk of maternal death (1 in: rate varies by country)
Livestock production index (2014 – 2016 = 100)
Logistics performance index: Ability to track and trace consignments (1 =low to 5 =high)
Logistics performance index: Ease of arranging competitively priced shipments (1 =low to 5 =high)
Logistics performance index: Efficiency of customs clearance process (1 =low to 5 =high)
Logistics performance index: Frequency with which shipments reach consignee within scheduled or expected time (1 =low to 5 =high)
Logistics performance index: Quality of trade and transport-related infrastructure (1 =low to 5 =high)
Lower secondary school starting age (years)
Mammal species, threatened
Manufactures exports (% of merchandise exports)
Manufactures imports (% of merchandise imports)
Manufacturing, value added (% of GDP)
Manufacturing, value added (annual % growth)
Maternal mortality ratio (modeled estimate, per 100000 live births)
Medium and high-tech exports (% manufactured exports)

WDI name

Medium and high-tech Industry (including construction) (% manufacturing value added)
Merchandise exports by the reporting economy, residual (% of total merchandise exports)
Merchandise exports to economies in the Arab World (% of total merchandise exports)
Merchandise exports to high-income economies (% of total merchandise exports)
Merchandise exports to low- and middle-income economies in East Asia and Pacific (% of total merchandise exports)
Merchandise exports to low- and middle-income economies in Europe and Central Asia (% of total merchandise exports)
Merchandise exports to low- and middle-income economies in Latin America and the Caribbean (% of total merchandise exports)
Merchandise exports to low- and middle-income economies in Middle East and North Africa (% of total merchandise exports)
Merchandise exports to low- and middle-income economies in South Asia (% of total merchandise exports)
Merchandise exports to low- and middle-income economies in Sub-Saharan Africa (% of total merchandise exports)
Merchandise exports to low- and middle-income economies outside region (% of total merchandise exports)
Merchandise imports by the reporting economy, residual (% of total merchandise imports)
Merchandise imports from economies in the Arab World (% of total merchandise imports)
Merchandise imports from high-income economies (% of total merchandise imports)
Merchandise imports from low- and middle-income economies in East Asia and Pacific (% of total merchandise imports)
Merchandise imports from low- and middle-income economies in Europe and Central Asia (% of total merchandise imports)
Merchandise imports from low- and middle-income economies in Latin America and the Caribbean (% of total merchandise imports)
Merchandise imports from low- and middle-income economies in Middle East and North Africa (% of total merchandise imports)
Merchandise imports from low- and middle-income economies in South Asia (% of total merchandise imports)
Merchandise imports from low- and middle-income economies in Sub-Saharan Africa (% of total merchandise imports)
Merchandise imports from low- and middle-income economies outside region (% of total merchandise imports)
Merchandise trade (% of GDP)
Methane emissions (kt of CO2 equivalent)
Methane emissions in energy sector (thousand metric tons of CO2 equivalent)
Military expenditure (% of GDP)
Military expenditure (% of general government expenditure)
Mineral rents (% of GDP)
Mobile cellular subscriptions (per 100 people)
Mortality caused by road traffic injury (per 100000 population)
Mortality from CVD, cancer, diabetes or CRD between exact ages 30 and 70 (%)
Mortality from CVD, cancer, diabetes or CRD between exact ages 30 and 70, female (%)
Mortality from CVD, cancer, diabetes or CRD between exact ages 30 and 70, male (%)

WDI name

Mortality rate attributed to unintentional poisoning, female (per 100000 female population)
Mortality rate, adult, female (per 1000 female adults)
Mortality rate, adult, male (per 1000 male adults)
Mortality rate, neonatal (per 1000 live births)
Natural gas rents (% of GDP)
Net barter terms of trade index (2000 = 100)
Net capital account (BoP, current US\$)
Net errors and omissions (BoP, current US\$)
Net financial account (BoP, current US\$)
Net migration
Net primary income (Net income from abroad)(current US\$)
Net trade in goods (BoP, current US\$)
Nitrous oxide emissions in energy sector (thousand metric tons of CO ₂ equivalent)
Number of deaths ages 10 – 14 years
Number of maternal deaths
Oil rents (% of GDP)
Ores and metals exports (% of merchandise exports)
Ores and metals imports (% of merchandise imports)
Other taxes payable by businesses (% of commercial profits)
Out-of-pocket expenditure (% of current health expenditure)
Out-of-pocket expenditure per capita (current US\$)
Out-of-pocket expenditure per capita, PPP (current international \$)
Patent applications, nonresidents
Patent applications, residents
People practicing open defecation (% of population)
People using at least basic drinking water services (% of population)
People using at least basic sanitation services (% of population)
Permanent cropland (% of land area)
Personal remittances, paid (current US\$)
Personal remittances, received (% of GDP)
Personal remittances, received (current US\$)
Plant species (higher), threatened
PM2.5 air pollution, mean annual exposure (micrograms per cubic meter)
PM2.5 air pollution, population exposed to levels exceeding WHO guideline value (% of total)
PM2.5 pollution, population exposed to levels exceeding WHO Interim Target-1 value (% of total)
PM2.5 pollution, population exposed to levels exceeding WHO Interim Target-2 value (% of total)
PM2.5 pollution, population exposed to levels exceeding WHO Interim Target-3 value (% of total)
Population ages 15 – 19, female (% of female population)
Population ages 15 – 19, male (% of male population)
Population ages 15 – 64 (% of total population)
Population ages 15 – 64, female (% of female population)
Population ages 15 – 64, male (% of male population)
Population ages 20 – 24, female (% of female population)
Population ages 20 – 24, male (% of male population)
Population ages 25 – 29, female (% of female population)
Population ages 25 – 29, male (% of male population)
Population ages 30 – 34, female (% of female population)
Population ages 30 – 34, male (% of male population)
Population ages 35 – 39, female (% of female population)
Population ages 35 – 39, male (% of male population)

WDI name
Population ages 40 – 44, female (% of female population)
Population ages 40 – 44, male (% of male population)
Population ages 45 – 49, female (% of female population)
Population ages 45 – 49, male (% of male population)
Population ages 50 – 54, female (% of female population)
Population ages 50 – 54, male (% of male population)
Population ages 55 – 59, female (% of female population)
Population ages 55 – 59, male (% of male population)
Population ages 65 – 69, female (% of female population)
Population ages 65 – 69, male (% of male population)
Population ages 80 and above, female (% of female population)
Population ages 80 and above, male (% of male population)
Population density (people per sq. km of land area)
Population growth (annual %)
Population in largest city
Population in the largest city (% of urban population)
Population, female (% of total population)
Population, male (% of total population)
Portfolio investment, net (BoP, current US\$)
Preprimary education, duration (years)
Prevalence of anemia among children (% of children ages 6-59 months)
Prevalence of anemia among pregnant women (%)
Prevalence of current tobacco use (% of adults)
Prevalence of current tobacco use, females (% of female adults)
Prevalence of current tobacco use, males (% of male adults)
Prevalence of undernourishment (% of population)
Price level ratio of PPP conversion factor (GDP) to market exchange rate
Primary education, duration (years)
Primary education, pupils (% female)
Primary income payments (BoP, current US\$)
Primary income receipts (BoP, current US\$)
Primary school starting age (years)
Private credit bureau coverage (% of adults)
Probability of dying among adolescents ages 10 – 14 years (per 1000)
Probability of dying among adolescents ages 15 – 19 years (per 1000)
Probability of dying among children ages 5 – 9 years (per 1000)
Probability of dying among youth ages 20 – 24 years (per 1000)
Procedures to build a warehouse (number)
Procedures to register property (number)
Profit tax (% of commercial profits)
Proportion of seats held by women in national parliaments (%)
Public credit registry coverage (% of adults)
Ratio of female to male labor force participation rate (%) (modeled ILO estimate)
Ratio of female to male labor force participation rate (%) (national estimate)

WDI name

Refugee population by country or territory of asylum
Refugee population by country or territory of origin
Renewable energy consumption (% of total final energy consumption)
Renewable internal freshwater resources per capita (cubic meters)
Renewable internal freshwater resources, total (billion cubic meters)
Reserves and related items (BoP, current US\$)
Rural population (% of total population)
Rural population growth (annual %)
School enrollment, primary, private (% of total primary)
Scientific and technical journal articles
Secondary education, duration (years)
Secondary education, general pupils
Secondary education, general pupils (% female)
Secondary income receipts (BoP, current US\$)
Secondary income, other sectors, payments (BoP, current US\$)
Secure Internet servers
Secure Internet servers (per 1 million people)
Services, value added (% of GDP)
Services, value added (annual % growth)
Services, value added per worker (constant 2010 US\$)
Sex ratio at birth (male births per female births)
Share of tariff lines with international peaks, primary products (%)
Share of tariff lines with specific rates, all products (%)
Share of tariff lines with specific rates, manufactured products (%)
Share of tariff lines with specific rates, primary products (%)
Statistical performance indicators (SPI): Overall score (scale 0 – 100)
Statistical performance indicators (SPI): Pillar 1 data use score (scale 0 – 100)
Statistical performance indicators (SPI): Pillar 2 data services score (scale 0 – 100)
Statistical performance indicators (SPI): Pillar 3 data products score (scale 0 – 100)
Statistical performance indicators (SPI): Pillar 4 data sources score (scale 0 – 100)
Statistical performance indicators (SPI): Pillar 5 data infrastructure score (scale 0 – 100)
Strength of legal rights index (0 =weak to 12 =strong)
Suicide mortality rate, female (per 100000 female population)
Survival to age 65, female (% of cohort)
Survival to age 65, male (% of cohort)
Tariff rate, applied, simple mean, all products (%)
Tariff rate, applied, simple mean, manufactured products (%)
Tariff rate, applied, simple mean, primary products (%)
Tariff rate, applied, weighted mean, all products (%)
Tariff rate, applied, weighted mean, manufactured products (%)
Tariff rate, applied, weighted mean, primary products (%)
Tariff rate, most favored nation, simple mean, all products (%)
Tariff rate, most favored nation, simple mean, manufactured products (%)
Tariff rate, most favored nation, simple mean, primary products (%)
Tariff rate, most favored nation, weighted mean, all products (%)
Tariff rate, most favored nation, weighted mean, manufactured products (%)
Tariff rate, most favored nation, weighted mean, primary products (%)
Tax payments (number)
Taxes less subsidies on products (current US\$)

WDI name

Terrestrial and marine protected areas (% of total area)
Terrestrial protected areas (% of total land area)
Time required to build a warehouse (days)
Time required to enforce a contract (days)
Time required to get electricity (days)
Time required to register property (days)
Time to export, border compliance (hours)
Time to export, documentary compliance (hours)
Time to import, border compliance (hours)
Time to import, documentary compliance (hours)
Time to prepare and pay taxes (hours)
Time to resolve insolvency (years)
Total fisheries production (metric tons)
Total natural resources rents (% of GDP)
Total reserves in months of imports
Total tax and contribution rate (% of profit)
Trade in services (% of GDP)
Trademark applications, direct nonresident
Trademark applications, nonresident, by count
Trademark applications, total
Tuberculosis case detection rate (% , all forms)
Tuberculosis treatment success rate (% of new cases)
UHC service coverage index
Unemployment, female (% of female labor force) (modeled ILO estimate)
Unemployment, female (% of female labor force) (national estimate)
Unemployment, male (% of male labor force) (modeled ILO estimate)
Unemployment, total (% of total labor force) (modeled ILO estimate)
Unemployment, total (% of total labor force) (national estimate)
Unemployment, youth female (% of female labor force ages 15 – 24) (modeled ILO estimate)
Unemployment, youth female (% of female labor force ages 15 – 24) (national estimate)
Unemployment, youth male (% of male labor force ages 15 – 24) (modeled ILO estimate)
Unemployment, youth total (% of total labor force ages 15 – 24) (modeled ILO estimate)
Urban population
Urban population (% of total population)
Urban population growth (annual %)
Water productivity, total (constant 2010 US\$ GDP per cubic meter of total freshwater withdrawal)
Women Business and the Law Index Score (scale 1 – 100)