

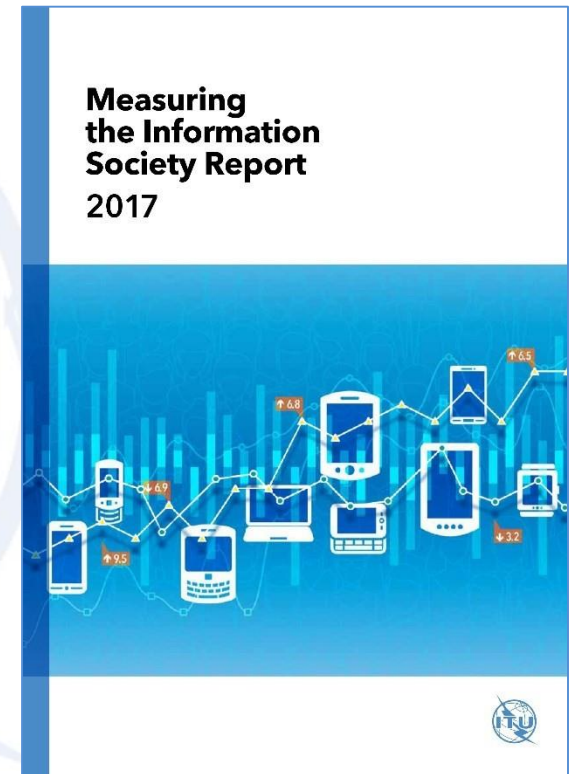
Asia-Pacific ICT Indicators Workshop on the IDI
Manila, Philippines
14-16 March 2018

Session 13: IDI 2017

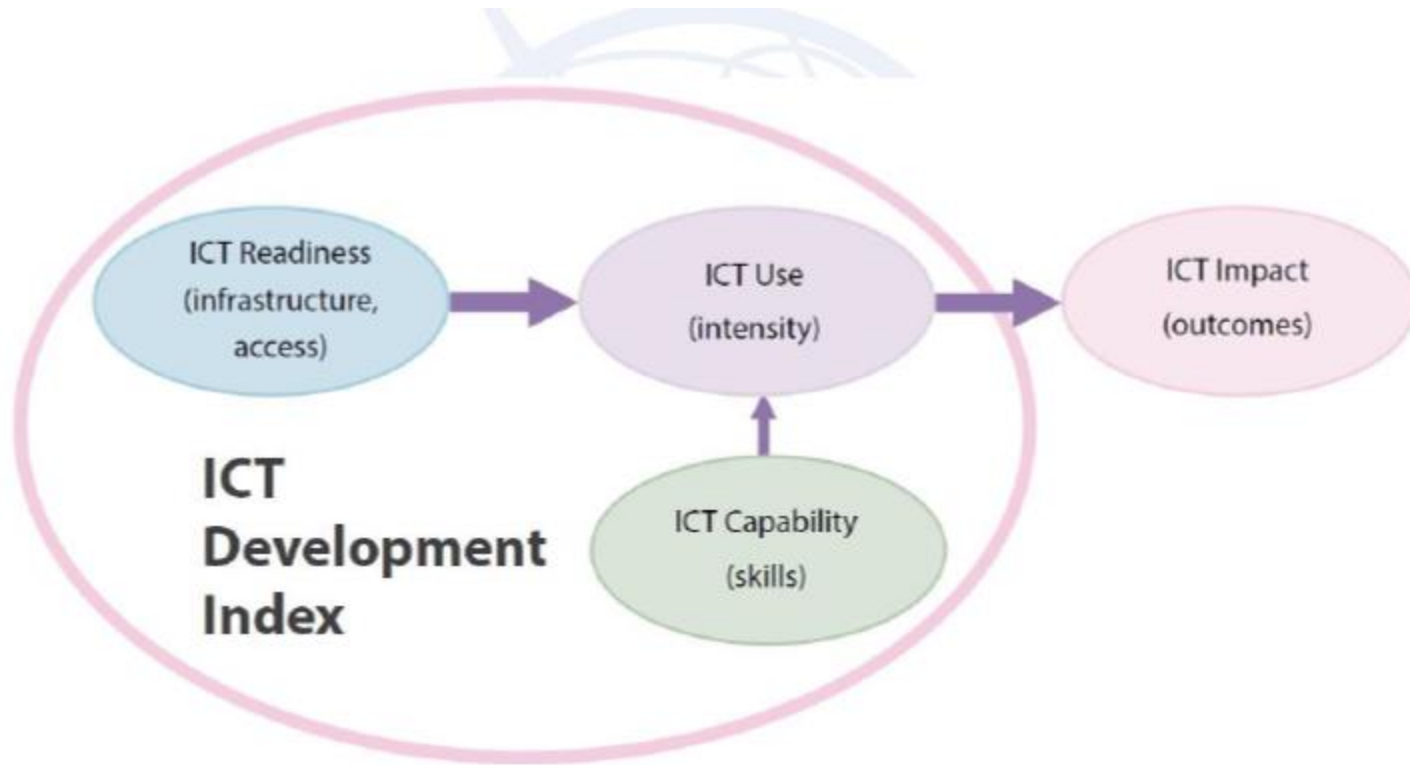
ICT Data and Statistics Division
Telecommunication Development Bureau
International Telecommunication Union

Index

- The current state of ICTs
- **The ICT Development Index (IDI)**
 - **Global analysis**
 - **Regional analysis**
- Emerging ICT trends
- Country profiles



IDI Conceptual Framework



The ICT Development Index (IDI)

ICT access	Reference value	(%)
1. Fixed-telephone subscriptions per 100 inhabitants	60	20
2. Mobile-cellular telephone subscriptions per 100 inhabitants	120	20
3. International Internet bandwidth (bit/s) per internet user	2'158'212*	20
4. Percentage of households with a computer	100	20
5. Percentage of households with Internet access	100	20

ICT use	Reference value	(%)
6. Percentage of individuals using the Internet	100	33
7. Fixed-broadband subscriptions per 100 inhabitants	60	33
8. Active mobile-broadband subscriptions per 100 inhabitants	100	33

ICT skills	Reference value	(%)
9. Mean years of schooling	15	33
10. Secondary gross enrolment ratio	100	33
11. Tertiary gross enrolment ratio	100	33

The diagram shows three weights representing the contribution of each category to the ICT Development Index. The 'ICT access' category has a weight of 40, 'ICT use' has a weight of 40, and 'ICT skills' has a weight of 20. A large bracket on the right groups these three categories under the label 'ICT Development Index'.

Note: * This corresponds to a log value of 6.33, which was used in the normalization step.

Source: ITU.

A revised set of indicators will be introduced from IDI 2018

IDI 2017 Top ten

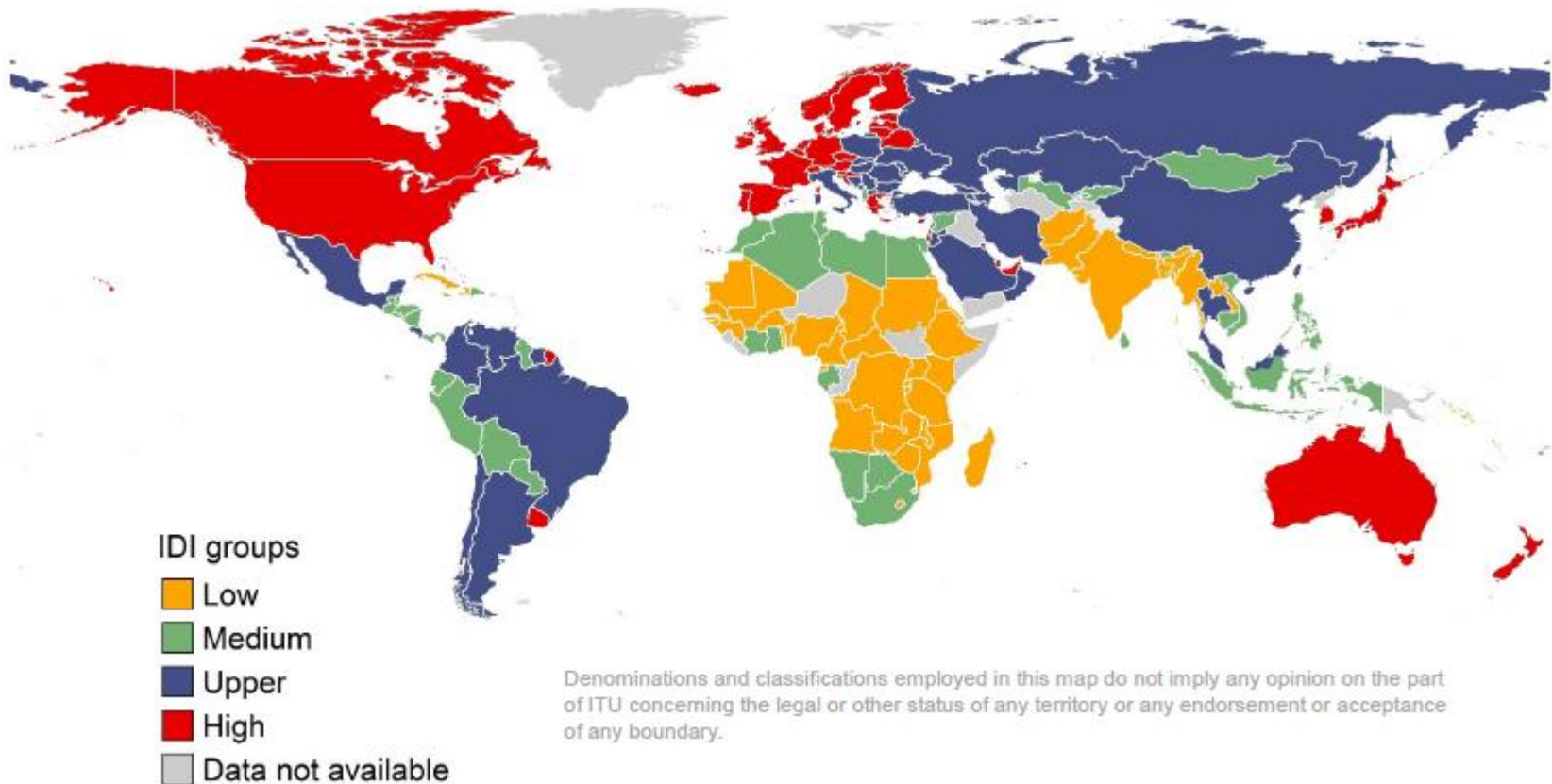
1. Iceland
 2. Korea (Rep.)
 3. Switzerland
 4. Denmark
 5. United Kingdom
 6. Hong Kong, China
 7. Netherlands
 8. Norway
 9. Luxembourg
 10. Japan
- For the first time, Iceland tops the IDI rankings in 2017
 - European countries and economies in the Asia-Pacific region take the top places
 - Top performers have high levels of economic prosperity, literacy and other skills that enable citizens to take full advantage of ICTs

Most dynamic countries

- Improvements were particularly significant in middle-income developing countries
- Most growth in the ICT use sub-index, particularly in mobile broadband

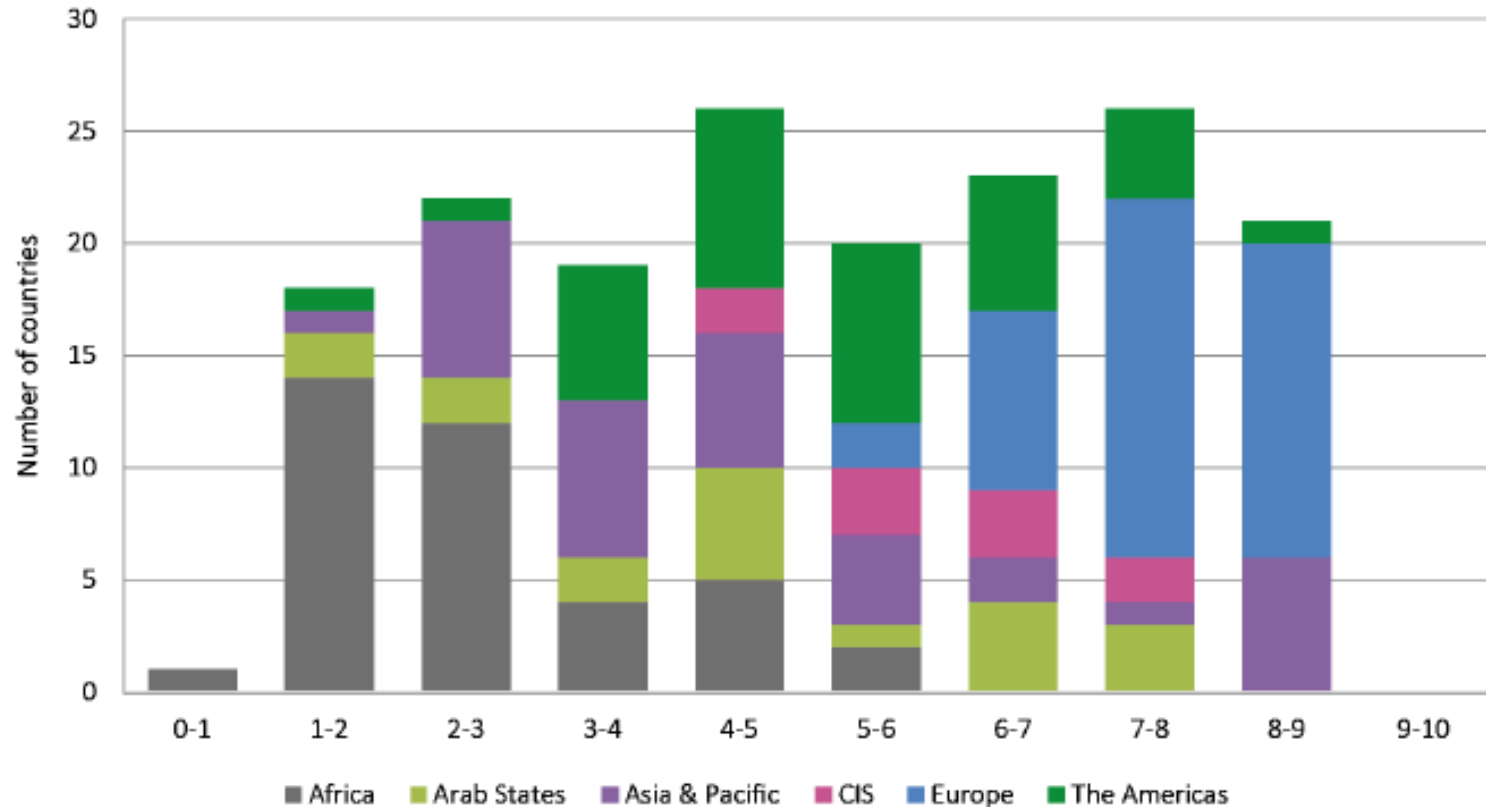
Change in IDI ranking			Change in IDI value (absolute)		
IDI rank 2017	Country	IDI rank change	IDI rank 2017	Country	IDI value change
95	Uzbekistan	8	118	Namibia	0.57
159	Afghanistan	6	81	Iran (I.R.)	0.54
36	Croatia	6	114	Gabon	0.50
88	Suriname	6	139	Lao P.D.R.	0.47
152	Uganda	6	28	Cyprus	0.47
42	Uruguay	6	111	Indonesia	0.47
139	Lao P.D.R.	5	112	Bolivia	0.47
35	Latvia	5	122	Timor-Leste	0.46
135	Myanmar	5	67	Turkey	0.43
118	Namibia	5	80	China	0.42
122	Timor-Leste	5	135	Myanmar	0.42
67	Turkey	5	95	Uzbekistan	0.42
			130	Nicaragua	0.42

Disparities in IDI value – LDCs falling behind in ICT development



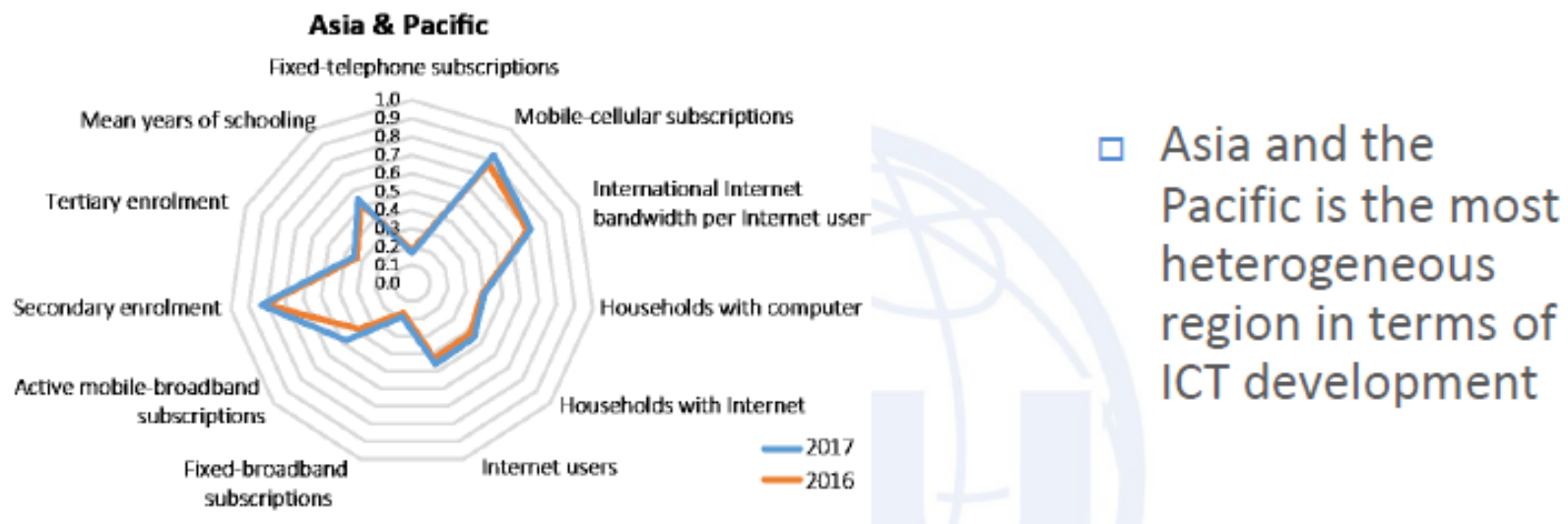
Regional IDI

Distribution of IDI values

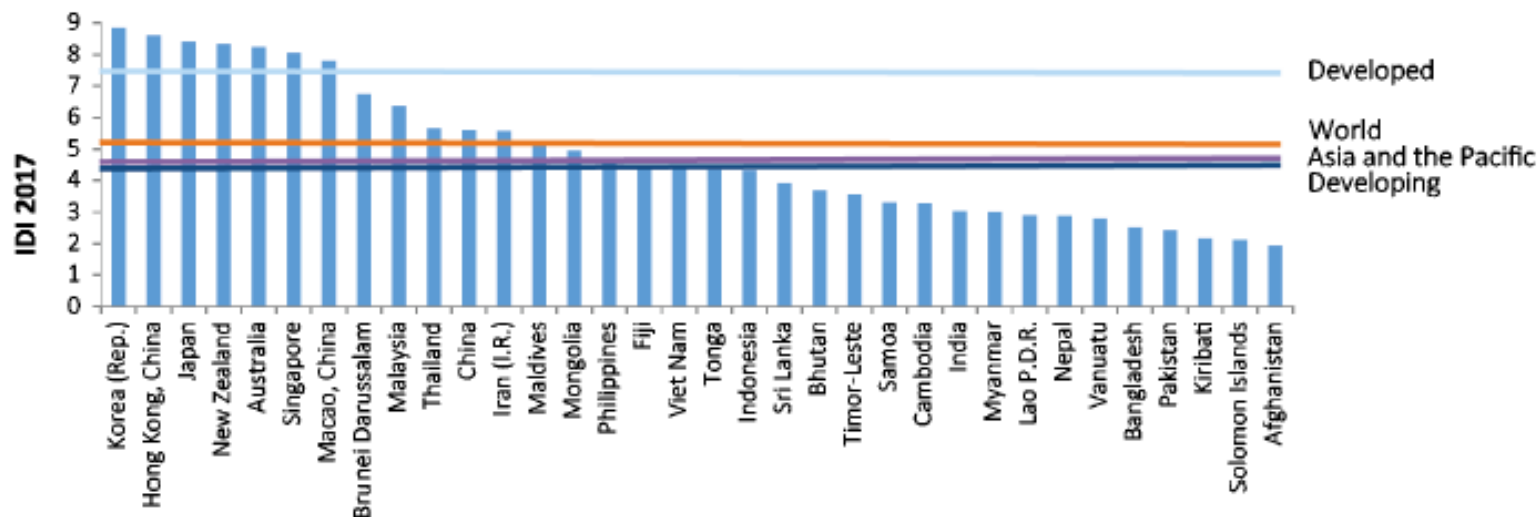


- Considerable differences between geographical regions & countries

IDI 2017 values – Asia and the Pacific



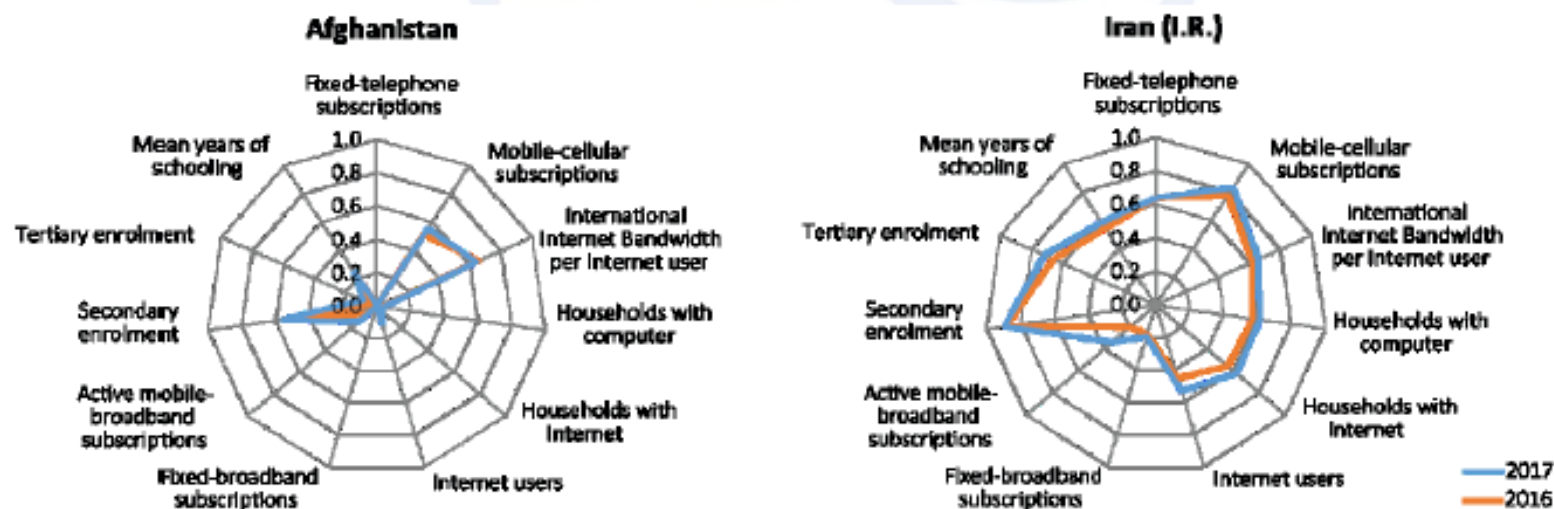
□ Asia and the Pacific is the most heterogeneous region in terms of ICT development



Most dynamic countries – Asia & Pacific

Change in IDI ranking				Change in IDI value (absolute)			
IDI rank 2017	Rank region	Country	IDI rank change	IDI rank 2017	Rank region	Country	IDI value change
159	34	Afghanistan	6	81	12	Iran (I.R.)	0.54
122	22	Timor-Leste	5	139	27	Lao P.D.R.	0.47
135	26	Myanmar	5	111	19	Indonesia	0.47
139	27	Lao P.D.R.	5	122	22	Timor-Leste	0.46
81	12	Iran (I.R.)	4	80	11	China	0.422
134	25	India	4	135	26	Myanmar	0.419

Source: ITU.



Source: ITU.

ITU Data Visualization Tool



ITU DATA VISUALISATION TOOL

- Results of the ICT Development Index, ITU's key benchmarking tool
- Key ICT indicators
- Global, regional and national comparisons

www.itu.int/IDI2016

Country	IDI Score	Change	Indicator
India	70.4	0.1	Green
United States	70.3	0.1	Green
Canada	70.2	0.1	Green
United Kingdom	70.1	0.1	Green
Germany	70.0	0.1	Green
France	69.9	0.1	Green
Japan	69.8	0.1	Green
South Korea	69.7	0.1	Green
China	69.6	0.1	Green
Italy	69.5	0.1	Green
Spain	69.4	0.1	Green
Sweden	69.3	0.1	Green
Denmark	69.2	0.1	Green
Netherlands	69.1	0.1	Green
Australia	69.0	0.1	Green
Israel	68.9	0.1	Green
South Africa	68.8	0.1	Green
Brazil	68.7	0.1	Green
Mexico	68.6	0.1	Green
Argentina	68.5	0.1	Green
Chile	68.4	0.1	Green
Colombia	68.3	0.1	Green
Venezuela	68.2	0.1	Green
Peru	68.1	0.1	Green
Ecuador	68.0	0.1	Green
Bolivia	67.9	0.1	Green
Paraguay	67.8	0.1	Green
Uruguay	67.7	0.1	Green
Costa Rica	67.6	0.1	Green
Panama	67.5	0.1	Green
Cuba	67.4	0.1	Green
Honduras	67.3	0.1	Green
Nicaragua	67.2	0.1	Green
Guatemala	67.1	0.1	Green
Belize	67.0	0.1	Green
El Salvador	66.9	0.1	Green
Guinea	66.8	0.1	Green
Sierra Leone	66.7	0.1	Green
Liberia	66.6	0.1	Green
Ivory Coast	66.5	0.1	Green
Ghana	66.4	0.1	Green
Senegal	66.3	0.1	Green
Sierra Leone	66.2	0.1	Green
Liberia	66.1	0.1	Green
Ivory Coast	66.0	0.1	Green
Ghana	65.9	0.1	Green
Senegal	65.8	0.1	Green
Sierra Leone	65.7	0.1	Green
Liberia	65.6	0.1	Green
Ivory Coast	65.5	0.1	Green
Ghana	65.4	0.1	Green
Senegal	65.3	0.1	Green
Sierra Leone	65.2	0.1	Green
Liberia	65.1	0.1	Green
Ivory Coast	65.0	0.1	Green

www.itu.int/IDI2017

Thank you



For more information
<http://www.itu.int/ict>

and

indicators@itu.int