



INTERNATIONAL TELECOMMUNICATION UNION
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Title: ITU's Mobile/Internet Index - Which economies are best poised to take advantage of ICTs? (PowerPoint presentation)



ITU's Mobile/Internet Index

Which economies are best
poised to take advantage of ICTs?

What is the index?

- A measure of current information and communication technologies (ICT) development
- A measure of an economy's ability to take advantage of ICTs in the future



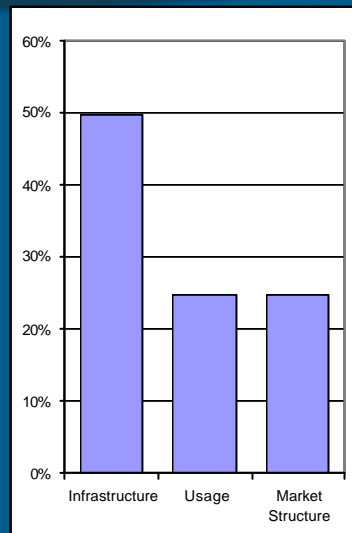
What the index is not

- A measure of the “mobile Internet” in an economy.
- A measure of only mobile and Internet development



Index Components

- Infrastructure
50%
- Usage
25%
- Market Structure
25%





Infrastructure: Description

The infrastructure cluster measures the development of information and communication technology infrastructure, with a special focus on mobile networks and Internet development.



Infrastructure

- Fixed lines
- Cellular subscribers
- Estimated Internet users
- Personal computers
- International Internet bandwidth (Mbit/s)
- Broadband subscribers
- Leased lines
- 2.5G deployment
- 3G license
- 3G deployment



Network Usage: Description

The usage cluster attempts to gauge how users are taking advantage of the existing network by examining:

- Costs of network usage
- Items that proxy network use



Network Usage

- Roaming agreements
- Internet service providers (ISPs)
- Secure socket layers (SSL)
- Mobile cost basket
- Internet cost basket
- Telecom revenue



Market Structure: Description

The market structure cluster assigns an overall value for an economy by examining the level of competition in its different ICT markets. The markets are scored as:

- Full competition
- Partial competition
- Duopoly
- Monopoly



Market Structure

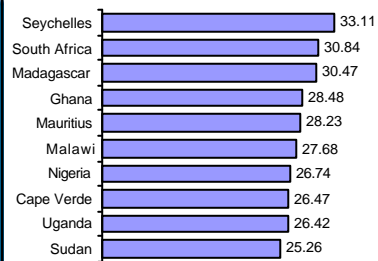
- Privatized incumbent?
- Years incumbent has been private
- Separate regulator?
- Years regulator has been separate
- Market structure for local services
- Market structure for long distance
- Market structure for international calls
- Market structure for mobile
- Market structure for leased lines
- Market structure for Internet service providers

ICT Index Top 25

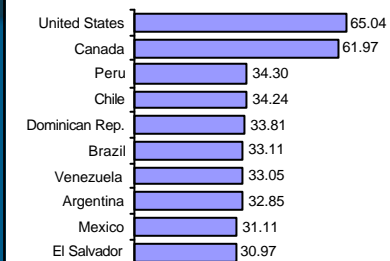
Economy	Score	Rank	GDP
Hong Kong, China	65.88	1	\$24'249
Denmark	65.61	2	\$30'902
Sweden	65.42	3	\$25'654
Switzerland	65.10	4	\$33'522
United States	65.04	5	\$37'769
Norway	64.67	6	\$35'265
Korea (Rep.)	63.42	7	\$8'828
United Kingdom	63.00	8	\$24'607
Netherlands	62.25	9	\$23'995
Iceland	62.03	10	\$32'069
Canada	61.97	11	\$23'256
Finland	61.22	12	\$23'883
Singapore	60.58	13	\$21'188
Luxembourg	58.58	14	\$44'664
Belgium	57.80	15	\$22'498
Austria	57.72	16	\$23'286
Germany	55.53	17	\$22'675
Australia	55.40	18	\$19'474
Portugal	55.13	19	\$11'014
Japan	54.94	20	\$34'337
France	52.45	21	\$21'862
Greece	51.44	22	\$10'707
Italy	51.13	23	\$18'788
Czech Republic	50.95	24	\$4'963
New Zealand	50.47	25	\$11'847

ICT Index: Regions

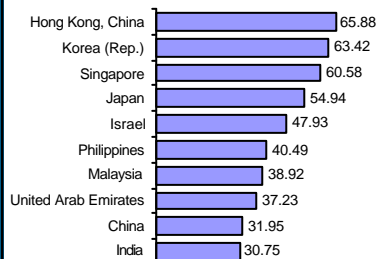
Mobile/Internet Index, top 10: Africa



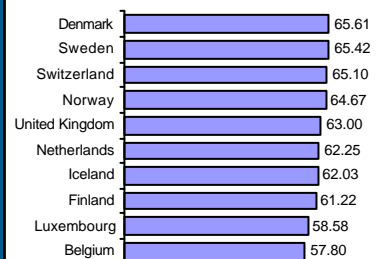
Mobile/Internet Index, top 10: Americas



Mobile/Internet Index, top 10: Asia/Pacific



Mobile/Internet Index, top 10: Europe



Future Improvements

More detailed data

- Infrastructure
 - (3G, data subscribers, broadband speed)
- Usage/Costs
 - (mobile data, broadband, 3G)
- Market Structure
 - (broadband, 3G)

Weighting Changes

- (Factor analysis, outliers, etc)

Thank You

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