

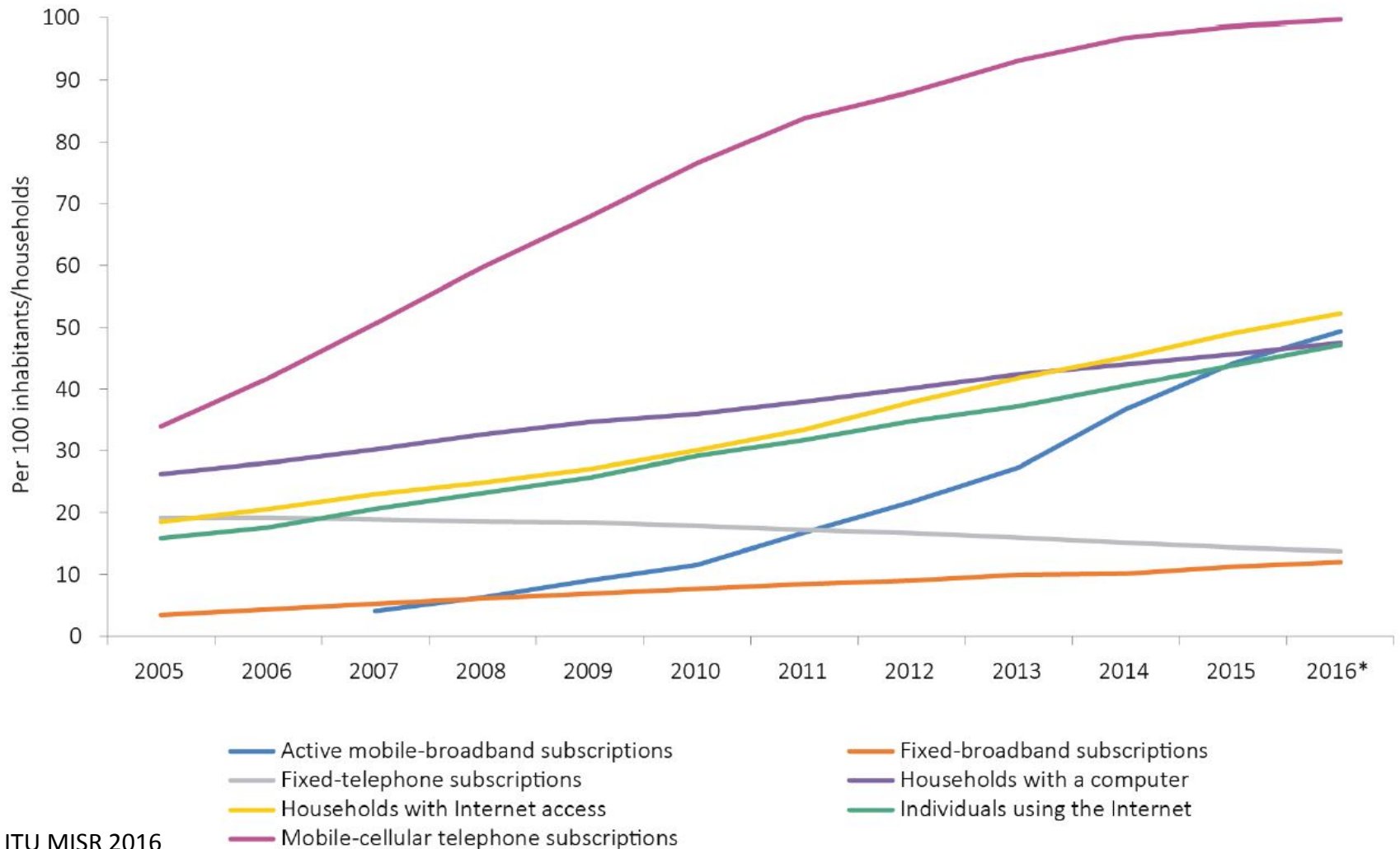


**G20 Consumer Summit
15 March 2017, Berlin**

Measuring the Information Society

Reinhard Scholl, ITU

A decade of global ICT growth ...



The ICT Development Index (IDI)

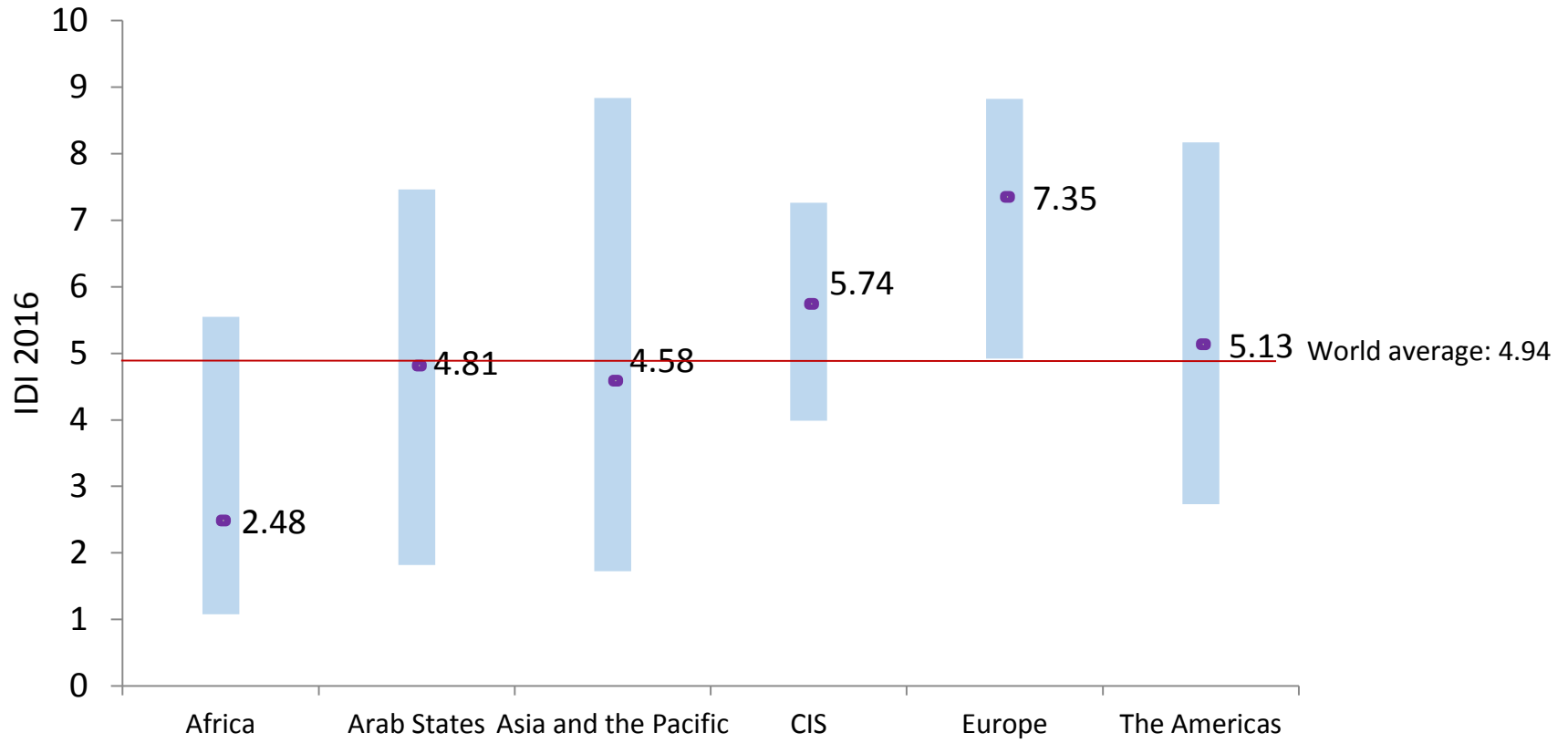
- 11 indicators, covering 3 areas
- 175 economies
- Comparison of 2 years (IDI 2016 and IDI 2015)
- Regional analysis

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	976'696*	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

IDI 2016 top ten and G20 (ranked by IDI value achieved)

- | | | |
|---------------------|-------------------|------------------|
| 1. Korea (Rep.) | 12. Germany | 70. Turkey |
| 2. Iceland | 14. Australia | 81. China |
| 3. Denmark | 15. United States | 88. South Africa |
| 4. Switzerland | 16. France | 92. Mexico |
| 5. United Kingdom | 25. Canada | 115. Indonesia |
| 6. Hong Kong, China | 37. Italy | 138. India |
| 7. Sweden | 43. Russia | |
| 8. Netherlands | 45. Saudi Arabia | |
| 9. Norway | 55. Argentina | |
| 10. Japan | 63. Brazil | |

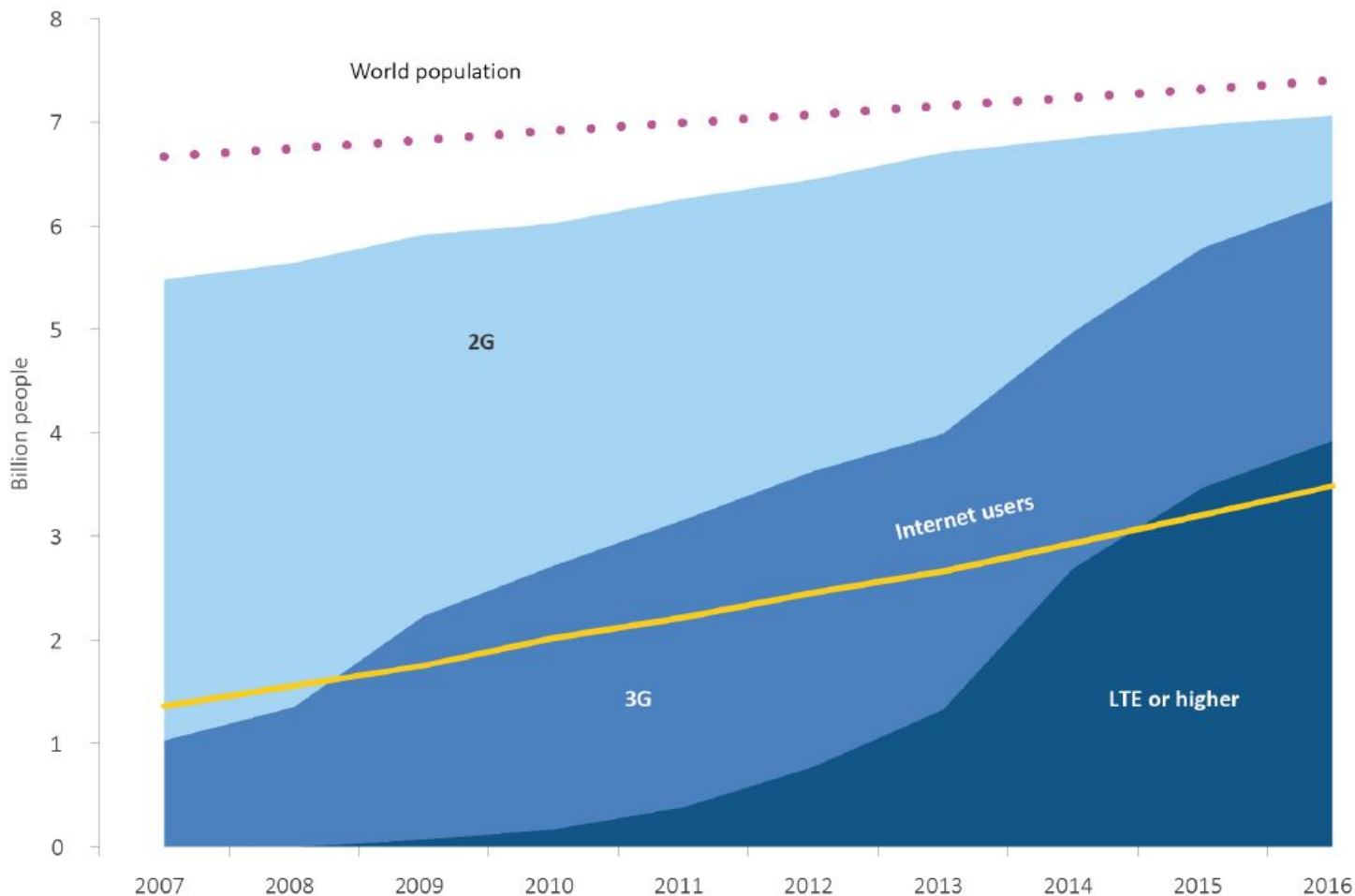
IDI 2016: major differences across and within regions



Mobile network coverage is almost universal and there are 7 billion mobile subscriptions

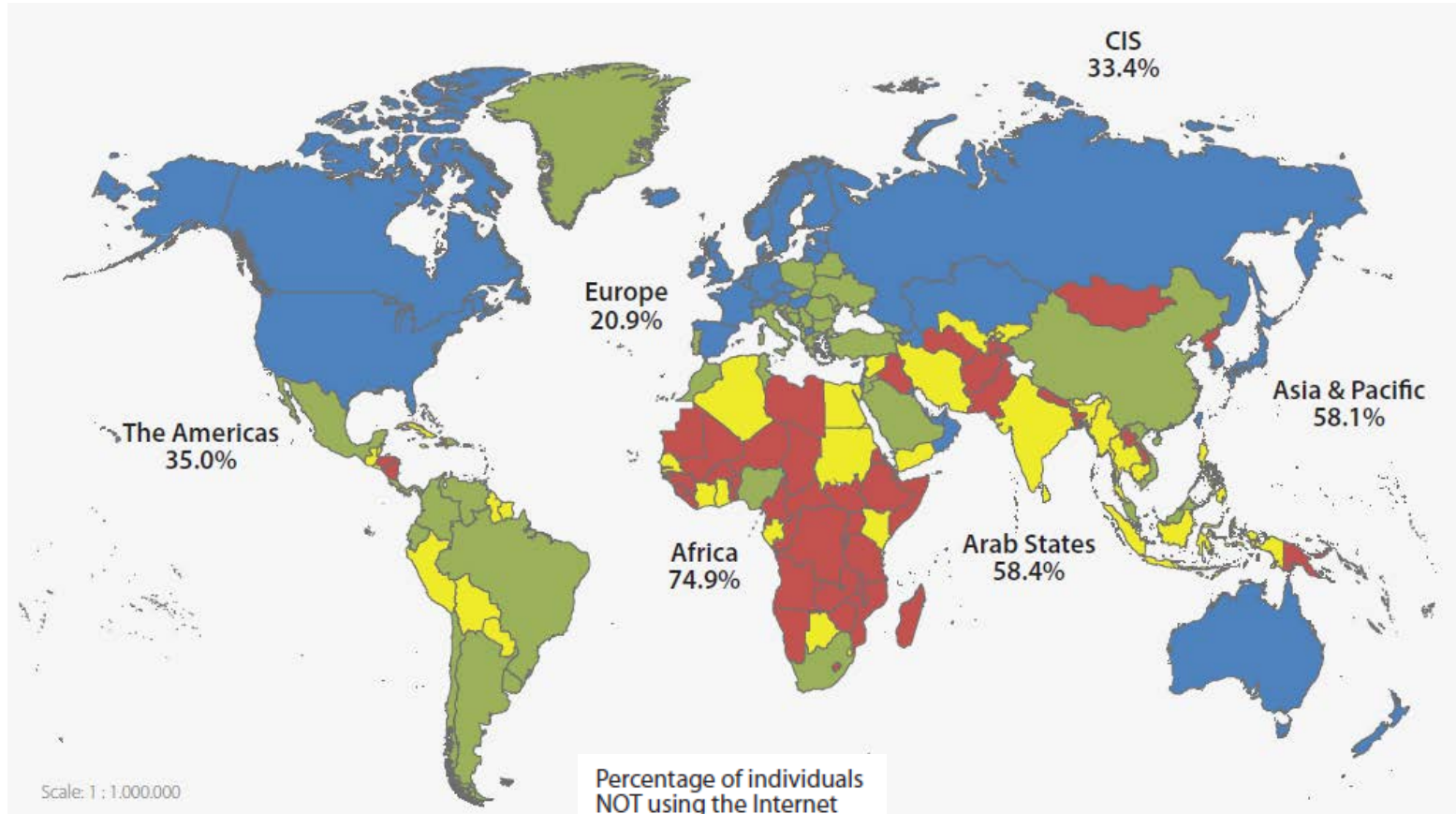


But how many people really use or own a mobile phone?

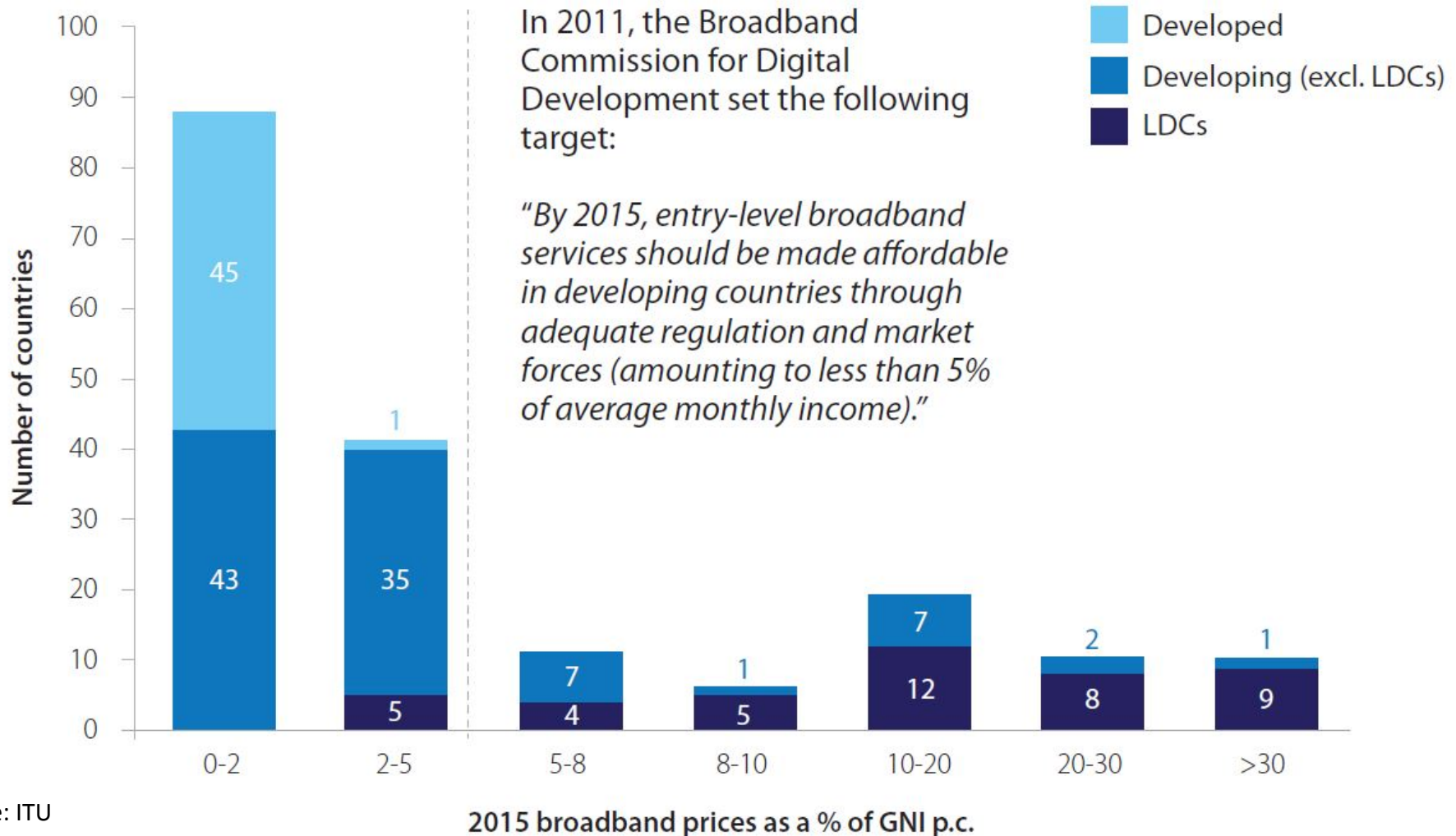


World's offline population, 2016

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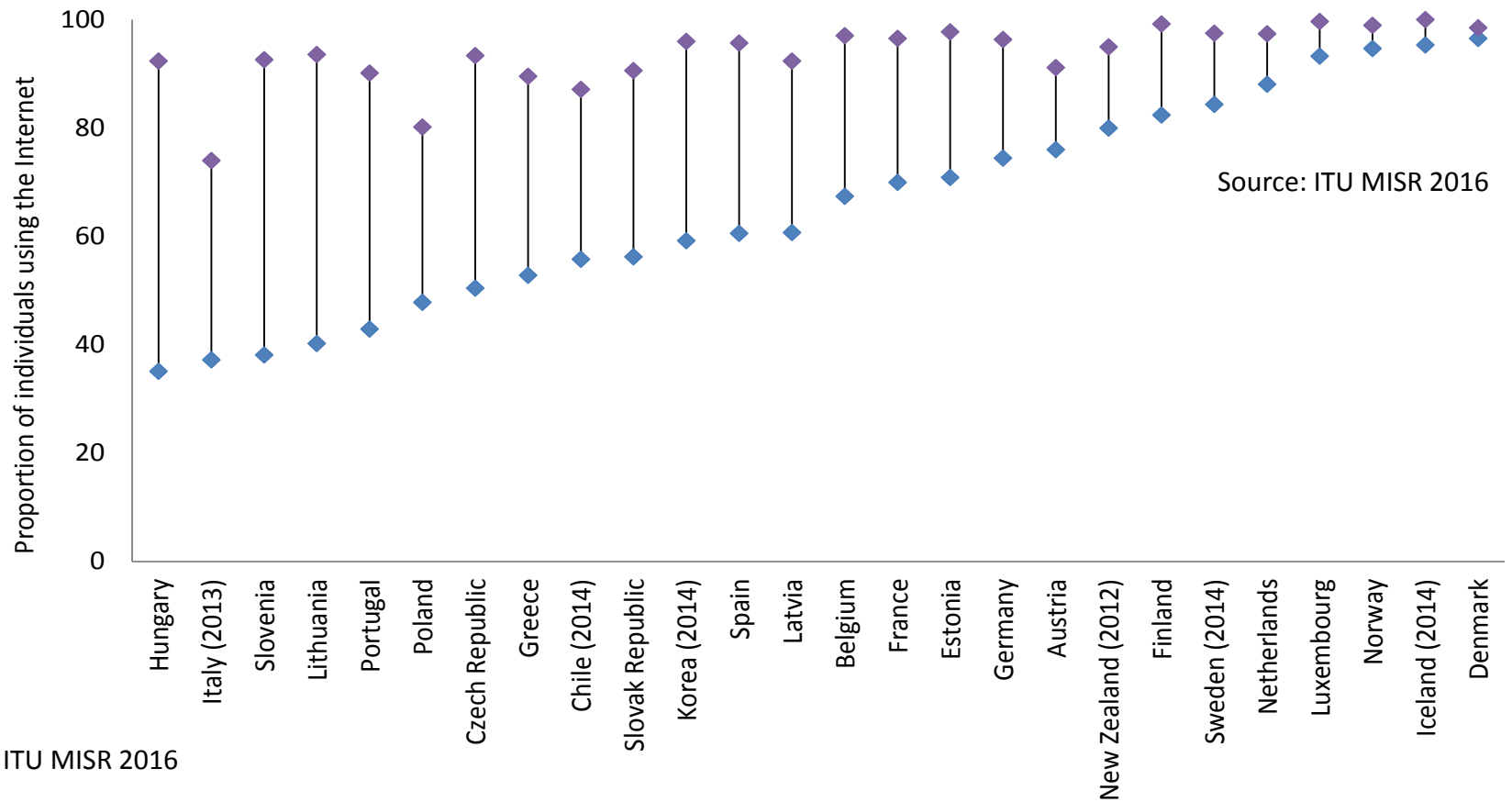


ICT prices: By end of 2015, 83 developing countries had achieved the Broadband Commission's affordability target



Internet usage is strongly linked to household income

Internet usage by income distribution in OECD countries (2015 unless otherwise specified)



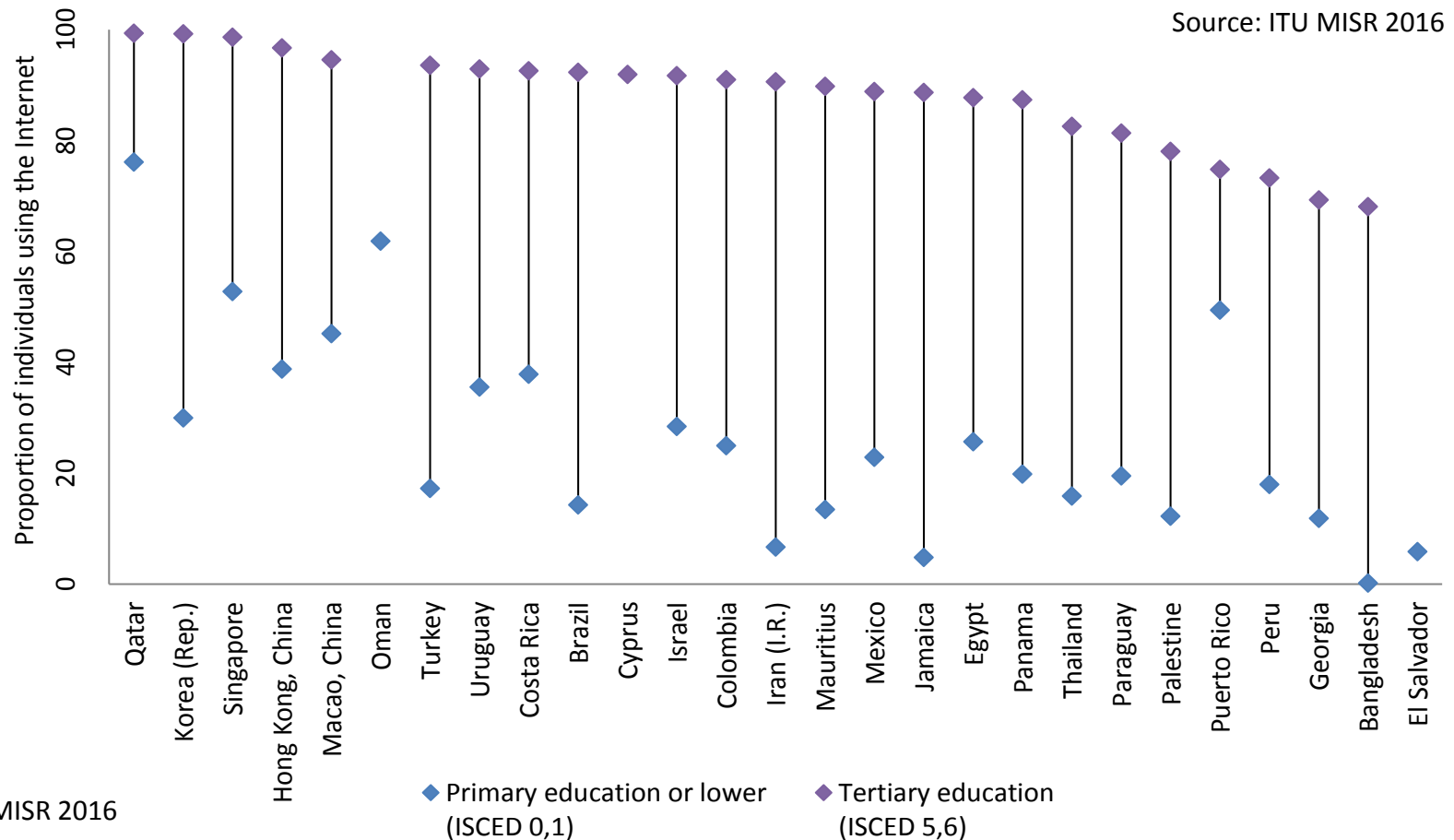
Source: ITU MISR 2016

Source: ITU MISR 2016

◆ Individuals in households with income in quartile 1 (poorest) ◆ Individuals in households with income in quartile 4 (richest)

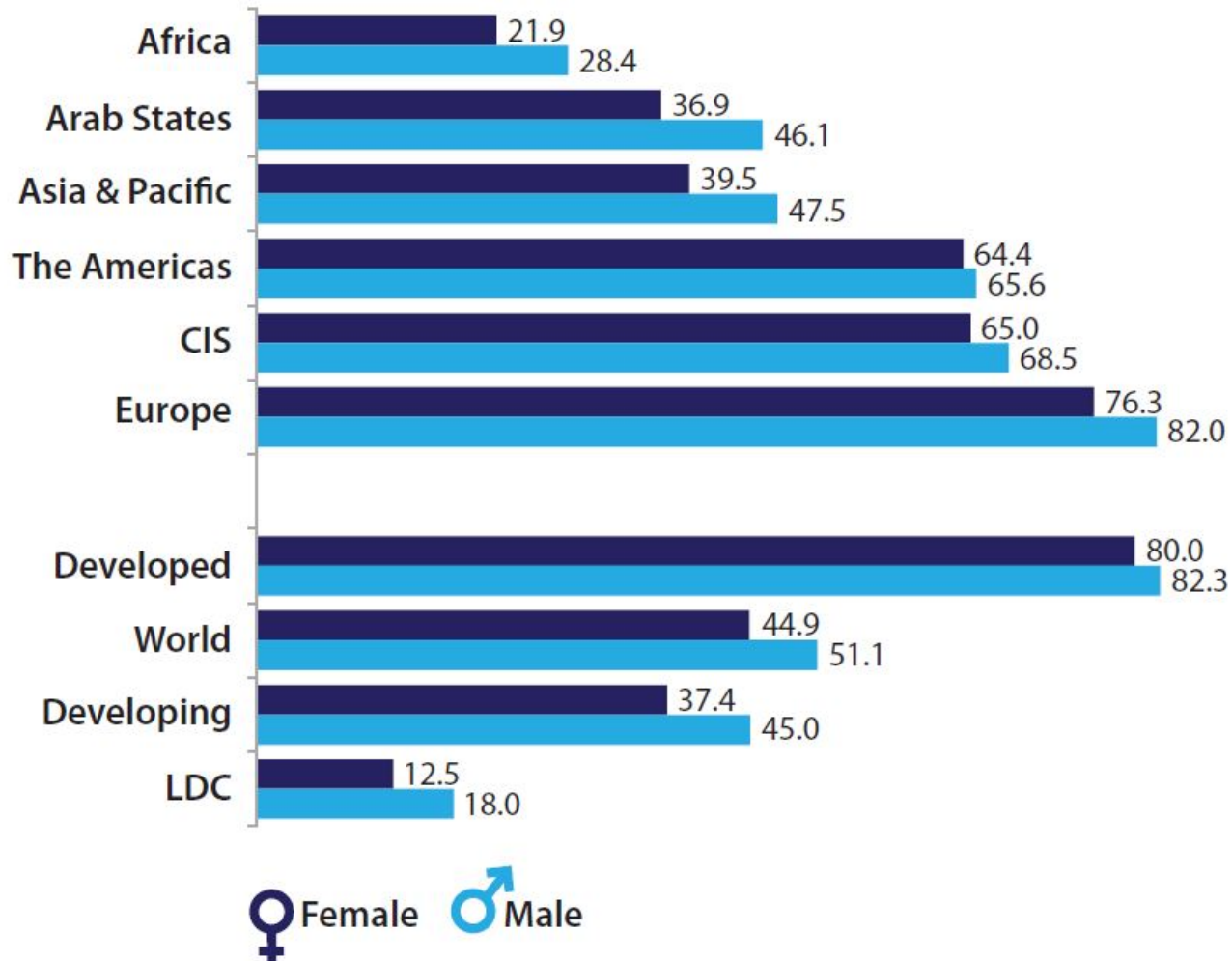
Internet use is strongly linked to the level of education

Internet use by level of education in developing countries (latest data 2013-2015)



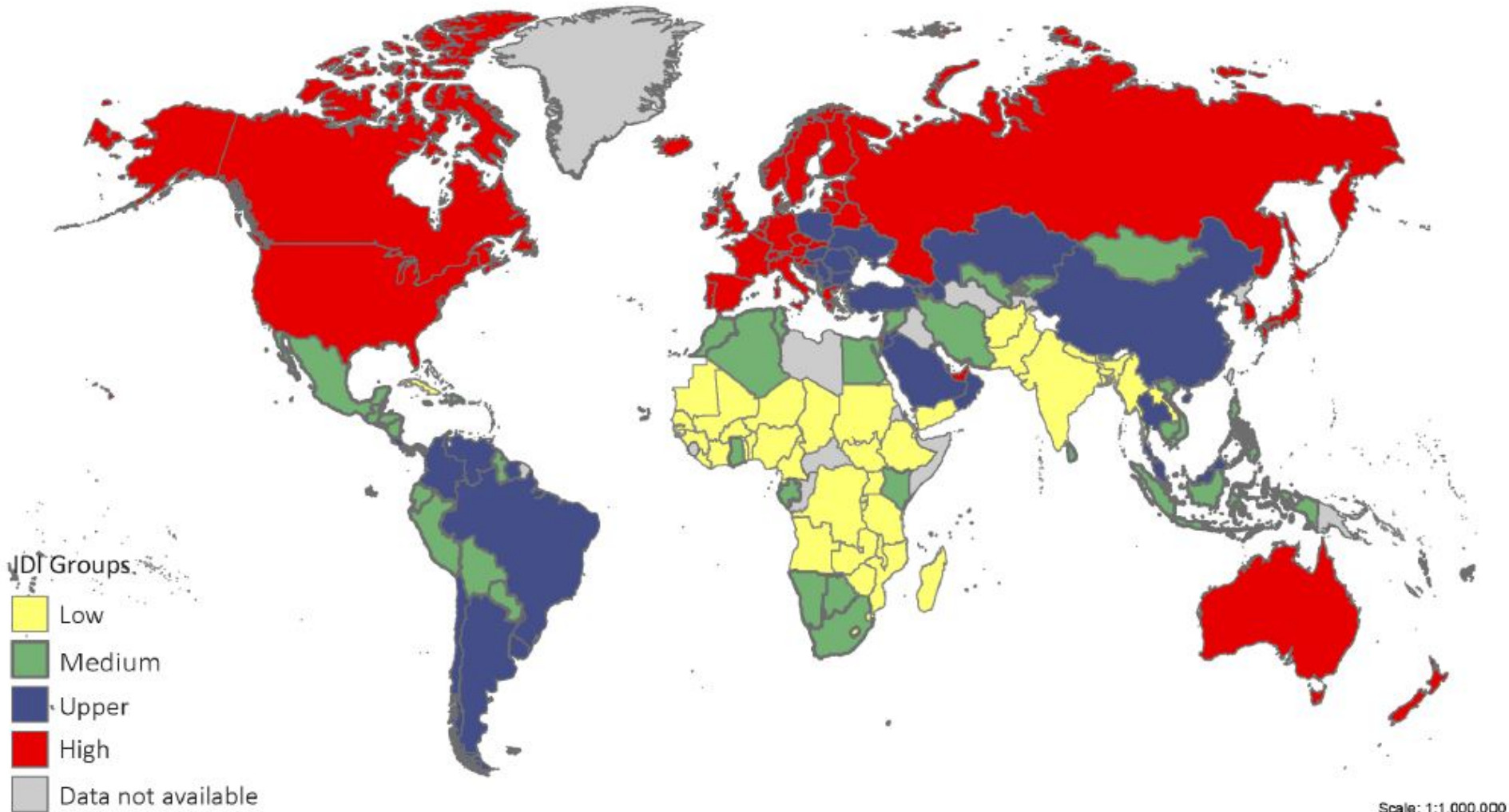
Gender gap: Internet penetration rate for men and women, 2016

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Backup slides

Geographical distribution of IDI 2016 quartiles



MISR 2016

More info

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- Full report
- MISR 2016 video
 - ▣ Subtitled in 5 languages
- Chapter summaries
- IDI data visualization tool



<http://www.itu.int/en/ITU-D/Statistics/Pages/publications/mis2016.aspx>

IDI data visualization tool

- IDI 2016 Rank
- IDI 2016 Map
- IDI 2016 by Region
- IDI 2016 Comparison
- Country Card

Select an option

IDI 2016 Rank

IDI 2016 Rank	Economy	IDI 2016 Value	IDI 2015 Rank	IDI 2015 Value	Rank Change
1	Korea (Rep.)	8.84	1	8.78	—
2	Iceland	8.83	3	8.66	↑
3	Denmark	8.74	2	8.77	↓
4	Switzerland	8.68	5	8.50	↑
5	United Kingdom	8.57	4	8.54	↓
6	Hong Kong, China	8.46	7	8.40	↑
7	Sweden	8.45	6	8.47	↓
8	Netherlands	8.43	8	8.36	—
9	Norway	8.42	9	8.35	—
10	Japan	8.37	11	8.28	↑
11	Luxembourg	8.36	10	8.34	↓

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Thank you



For more information and data:
www.itu.int/en/ITU-D/statistics