

Gigabit Libraries and Beyond: Improving Broadband Access Worldwide

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ISLD-ALA Webinar

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Agenda

Gigabit Libraries and beyond

- Access to knowledge
- Role of Libraries

Improving broadband access worldwide

- Digital development
- Affordable and Meaningful connectivity
- Cost of exclusion
- Community Access





Access to knowledge

Information poverty is that situation in which individuals and communities, within a given context, **do not have the requisite skills, abilities or material means to obtain efficient access to information, interpret it and apply it appropriately**

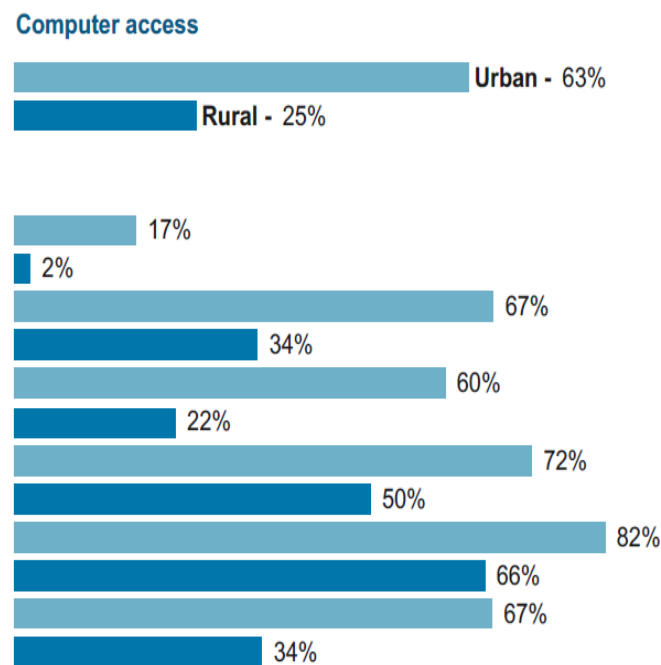
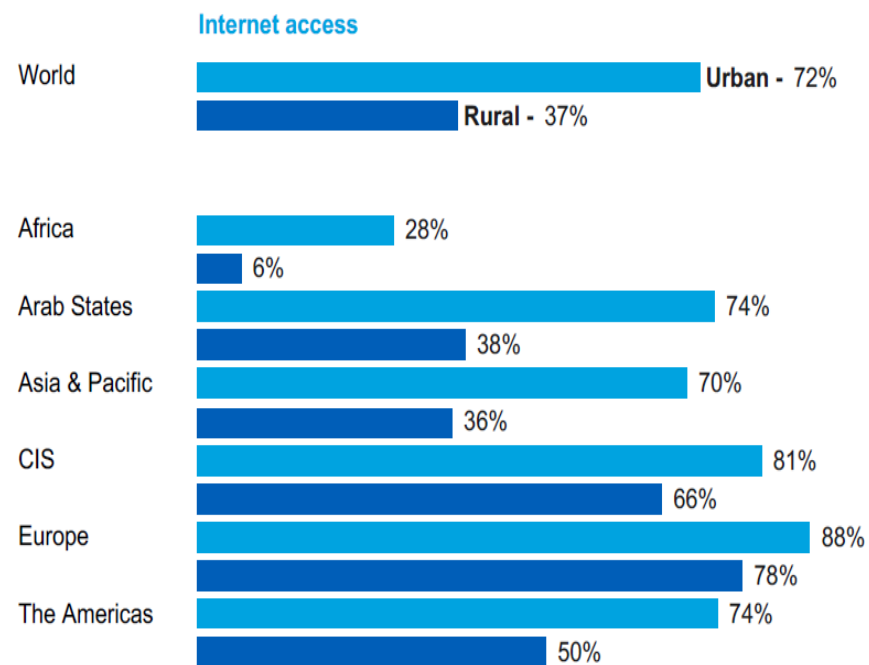
Access to knowledge

- Participation
- Economic empowerment
- Justice
- Freedom

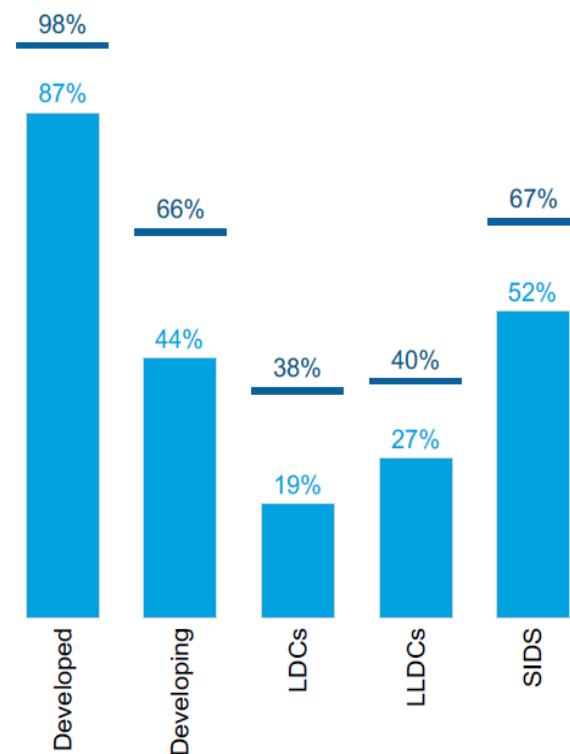
Actand-Action-Actor-Tool

Digital Development

Percentage of households with computer and/or Internet access at home, 2019*

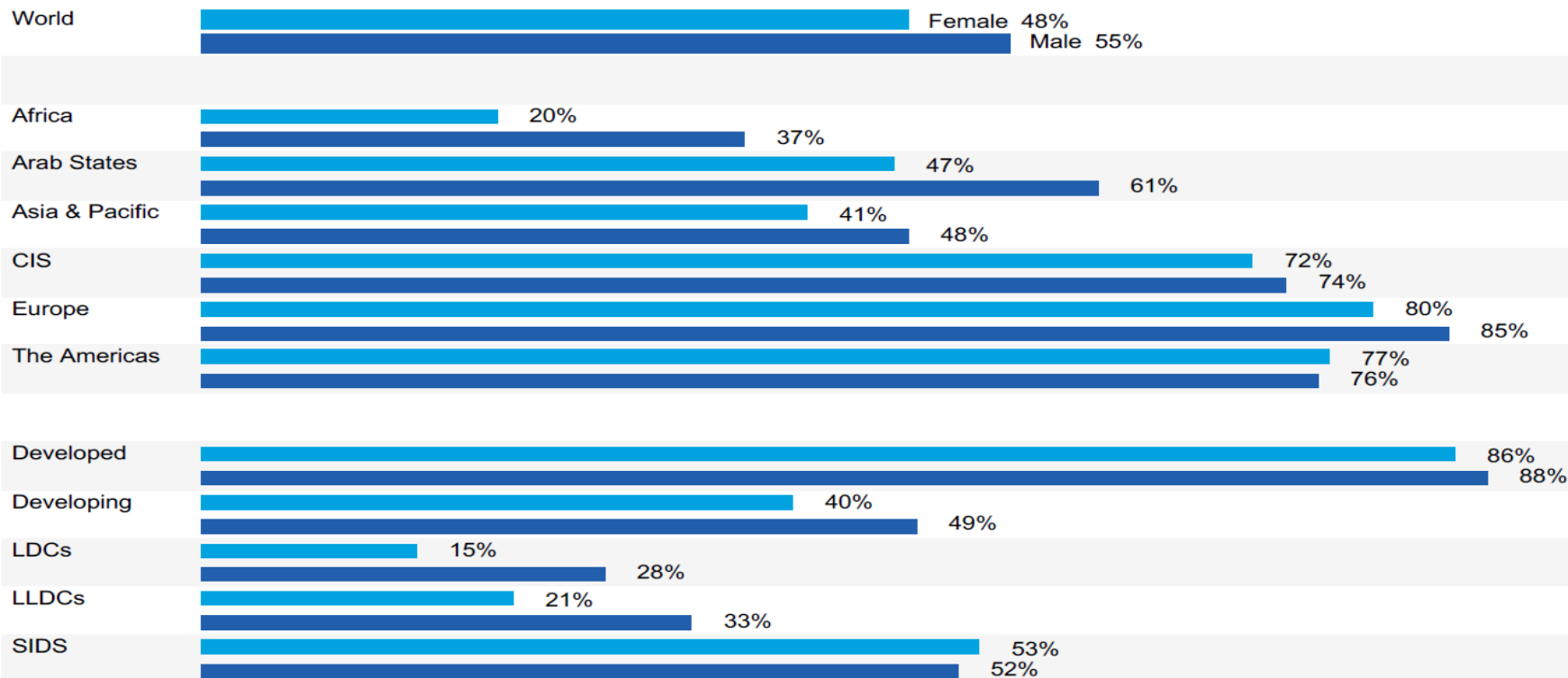


Percentage of individuals using the Internet, 2019*



Digital Development

Percentage of female and male population using the Internet, 2019*



* ITU estimate. Source: ITU

Policy
Spectrum
Infrastructure
Costs
Access
Affordability
Devices
Content
Skills
Taxation

Affordable and Meaningful connectivity

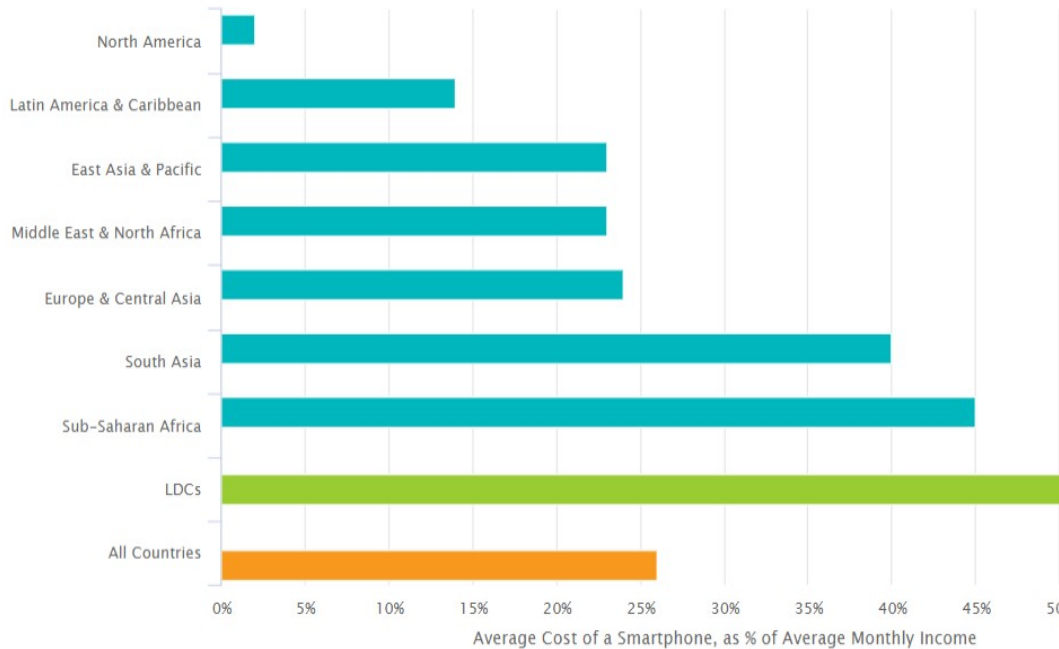
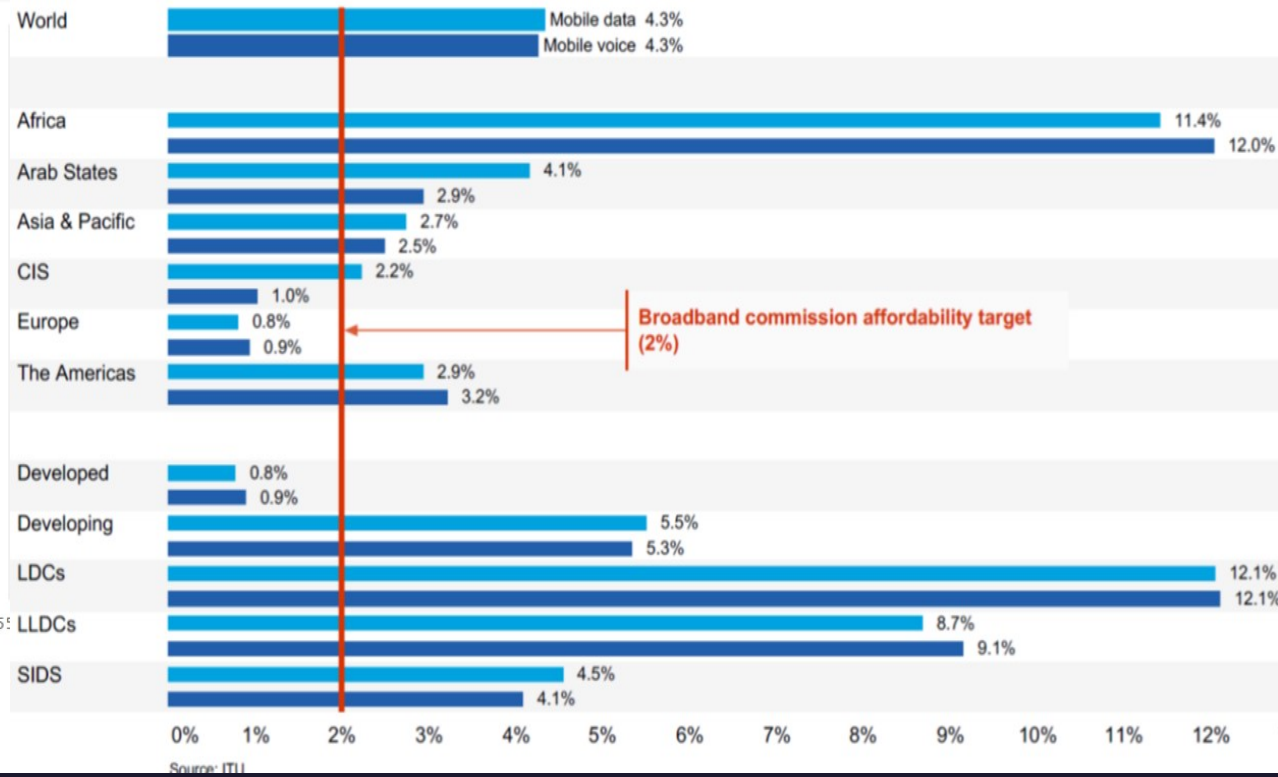


Figure 1 – Smartphone Affordability by Region | Source: Alliance for Affordable Internet (Made with Highcharts)

Affordability of ICT services increasing, but barriers to Internet uptake remain

Mobile-voice and mobile-data basket prices as a % of GNI p.c., 2019



Affordable and Meaningful connectivity

DEVELOPING THE RURAL BROADBAND POLICY FRAMEWORK

- 1** Broadband policies should improve the availability of high-quality, affordable broadband services in underserved rural areas.
- 2** Rural broadband policies should draw from real-world experience – locally, regionally, and globally.
- 3** Rural broadband policies should harness the resources and capabilities of the private sector and complementary providers, such as community networks.
- 4** Rural broadband policies should be comprehensive.
- 5** Rural broadband policies (and all broadband policies) must be gender responsive.
- 6** Effective implementation will require evidence and standards – internet with defined broadband speeds, relevant devices, etc.



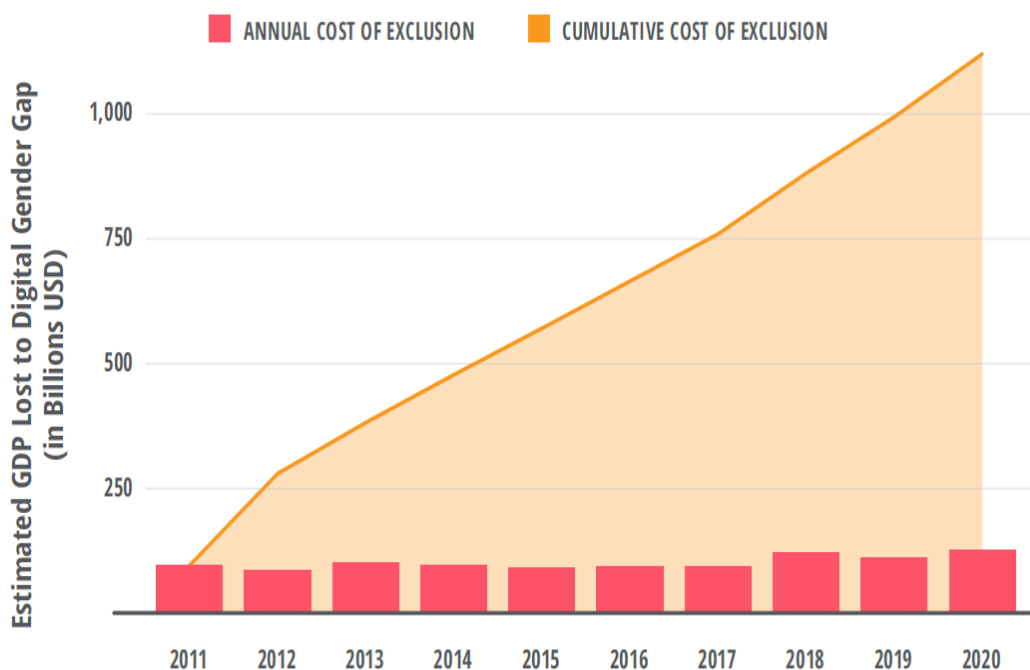
Meaningful connectivity

- Getting the right speed
- Having an appropriate device
- Connecting with enough data
- Using the Internet regularly

Cost of exclusion

- There is substantial gender gap
- Loss to the GDP
- Loss of productivity

Figure A. Cumulative cost of women's exclusion from internet use in 32 countries, 2011–2020



Source: Alliance for Affordable Internet, 2021



Role of Libraries and Librarians



Advocacy

Broadband for libraries
Rights and Justice
Cost of exclusion

Democratization

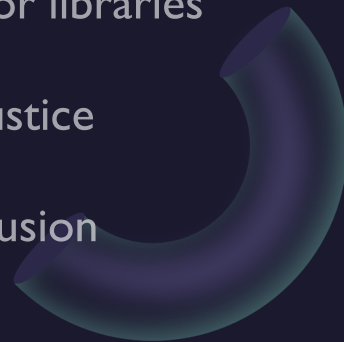
Knowledge Networks
Freedom and choice
Participation

Capability-building

Skilling, reskilling and
upskilling
Livelihoods
Productivity

Bridging the divide

Free, meaningful,
affordable access
Inclusive and
equitable access
Community access



Libraries, as democratic institutions, have the ability to advocate, democratize, popularize and enhance affordable, meaningful and equitable access; build human capabilities; thus, transform societies and empower communities.

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English

LIBRARY MAP OF THE WORLD
 Selected library performance metrics provide national level library data across all types of libraries in all regions of the world. Adjust map view settings to search by country and explore worldwide totals.

Number of Libraries	Libraries with Internet Access	Full-Time Staff	Volunteers	Registered Users	Physical Visits	Physical Loans	Electronic Loans
2.6 M	382,581	1.6 M	907,958	1,117.6 M	6,052.6 M	9,055.7 M	13,503.2 M

WORLDWIDE TOTALS +

2.6 M
Total Libraries

LIBRARY TYPE	TOTAL	YEAR
National	351	2021
Academic	95,148	2021
Public	406,813	2021
Community	25,193	2020
School	2.1 M	2020
Other	37,536	2021

<0.1% 3.6% 15.5% 1.0% 78.4% 1.4%

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Summary

Thank You

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