



Update on:

- ITU statistics work
- Partnership on Measuring ICT for Development

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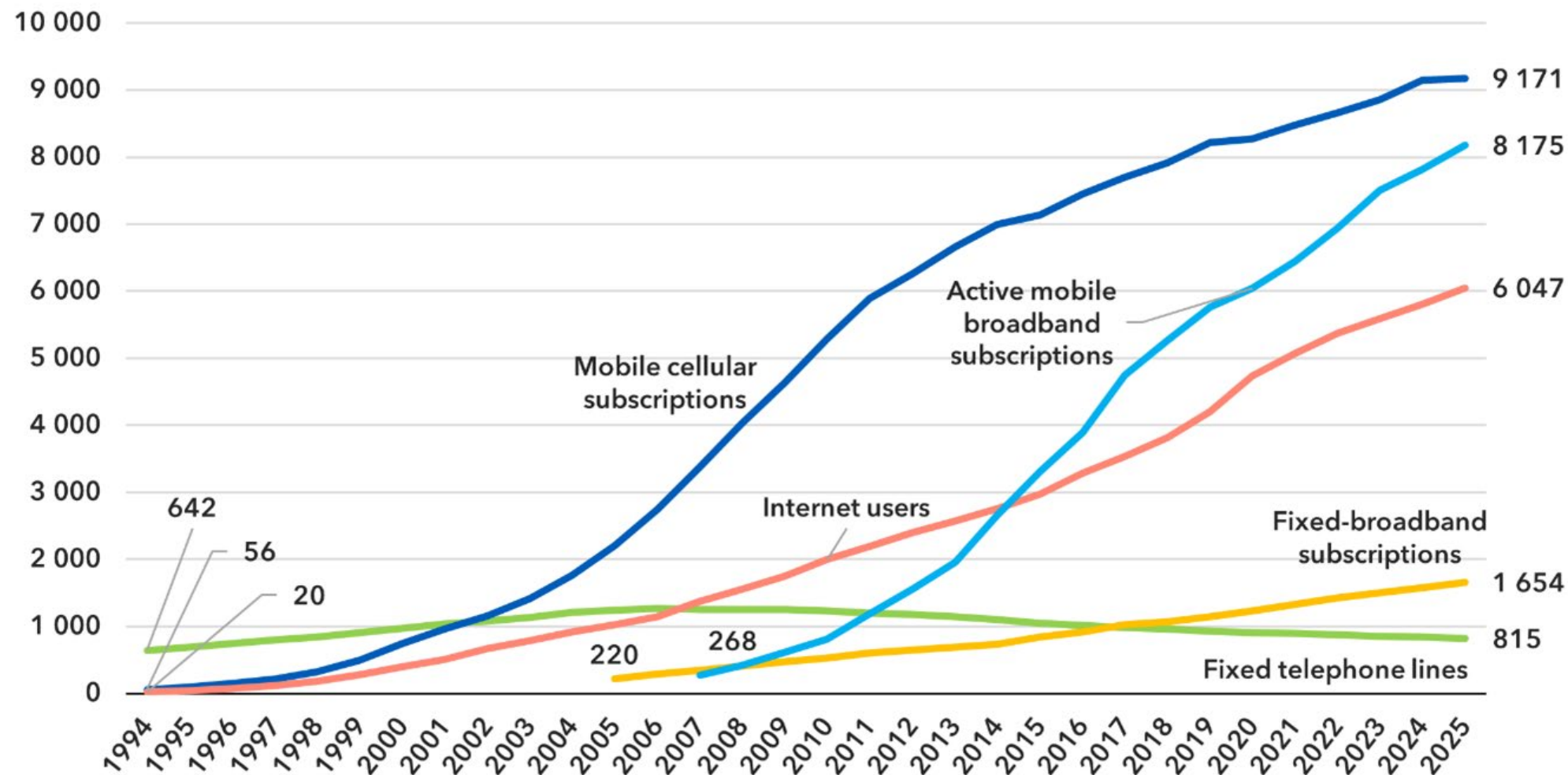
Senior Statistician

International Telecommunication Union (ITU)

Steering Committee of the Partnership (Chair)



Evolution of selected connectivity indicators



About the ITU statistics work:

The International Telecommunication Union (ITU) leads the global ICT statistics agenda, supporting evidence-based decision-making to drive universal and meaningful connectivity and sustained digital transformation. ITU's statistical activities cover the entire data lifecycle. The ICT Data and Analytics Division (IDA), part of ITU-D's Digital Knowledge Society Department, carries out most of this work.

Statistical standards

Through the Expert Group on Telecom/ICT Indicators (EGTI) and the Expert Group on ICT Household Indicators (EGH), ITU defines and updates international [statistical standards](#) for ICT indicators.

[more](#)

Data collection & dissemination

IDA compiles statistics for hundreds of ICT indicators, based on data collected from over 200 economies; it computes global, regional and country group estimates. All data is available for free on the [ITU DataHub](#).

[more](#)

Analysis & research

[Publications](#) of the *Measuring Digital Development* series assess the state of global connectivity, tackle specific themes, and identify solutions.

[more](#)

Data science for official statistics

IDA's [data science practice](#) leverages big data and new methods to enhance the accuracy, timeliness, and granularity of ICT statistics.

[more](#)

Capacity development & technical assistance

IDA [supports](#) the statistical community and other stakeholders, including policymakers, by developing technical documentation, training materials, online courses, workshops, and providing technical assistance.

[more](#)

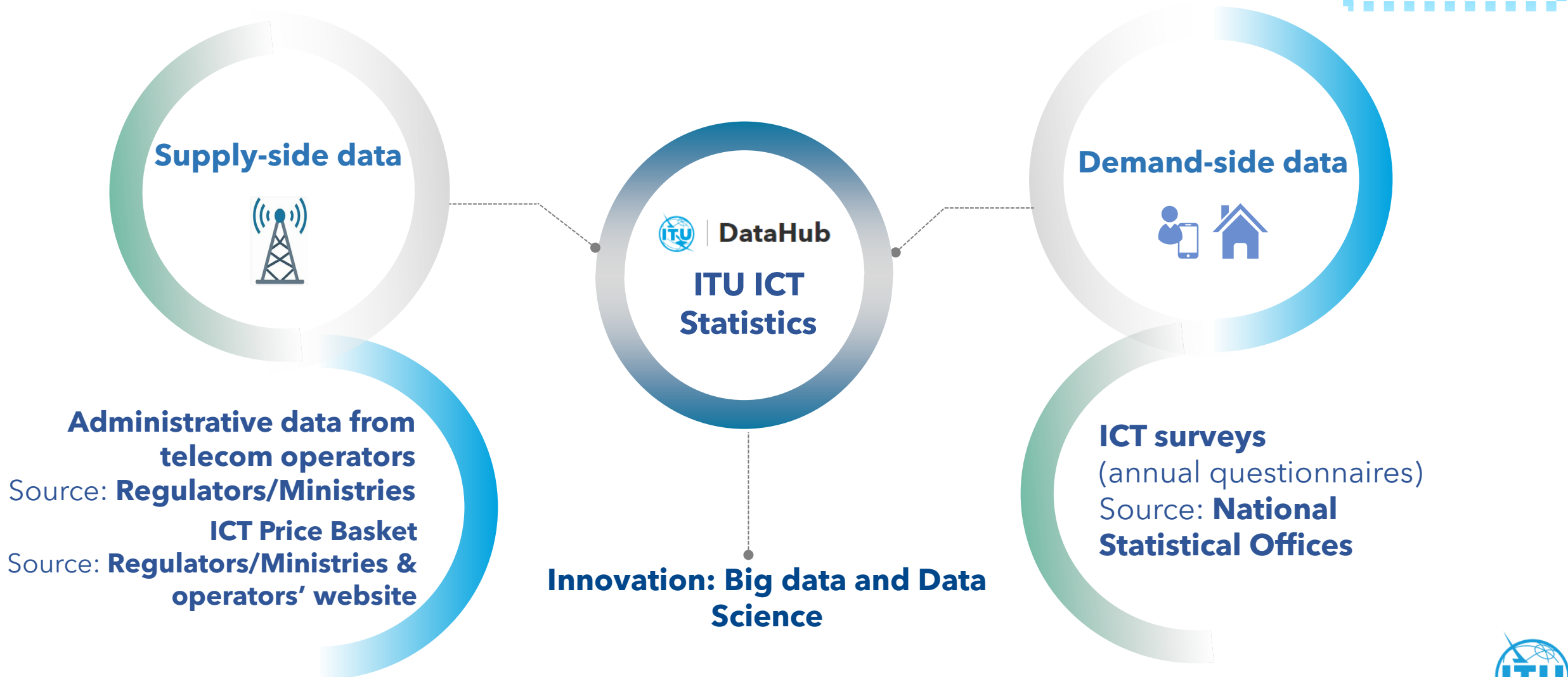
Global cooperation & engagement

IDA organises events, including WTIS, the premier global event on ICT statistics, and [cooperates](#) with various organizations, to mobilize resources, advance the statistics agenda, leverage synergies, scale up initiatives, and maximize impact.

[more](#)



| ICT Data Collection - Sources



| ITU Expert Groups on Indicators

Expert Group on Telecommunication/ICT indicators (EGTI)

- Launched in 2009, following a decision by the 7th World Telecommunication/ICT Indicators Meeting (2009, Egypt)
- Main objectives: revision of the telecommunication/ICT indicators and of the ITU Handbook on telecommunication/ICT indicators
- Open to all ITU members and experts in the field of ICT statistics and data collection
- Works through an online forum
- Meets once a year (in September) and reports back to the World Telecommunication/ICT Indicators Symposium (WTIS)
- Register at: <http://www.itu.int/net4/ITU-D/ExpertGroup/default.asp>

Expert Group on ICT Household Indicators (EGH)

- Launched in May 2012, following a decision by the 9th World Telecommunication/ICT Indicators Meeting (7-9 December 2011, Mauritius)
- Main objectives: revision of the household core ICT indicators and of the ITU Manual for Measuring ICT Access and Use by Households and Individuals
- Open to all ITU members and experts in the field of ICT statistics and data collection
- Works through an online forum
- Meets once a year (in September) and reports back to the World Telecommunication/ICT Indicators Symposium (WTIS)
- Register at: <http://www.itu.int/net4/ITU-D/forum/expertgrouponhouseholds/forum>

ITU Data Collection: Methodological References

SUPPLY SIDE



Administrative data on telecom/ICT

Covers harmonized indicators for fixed and mobile networks, Internet, bundles, traffic, employment, revenue and investment, broadcasting, QoS



ICT Service prices

Definition of ICT price baskets to make retail prices for mobile-cellular and fixed-broadband services globally comparable.

DEMAND SIDE

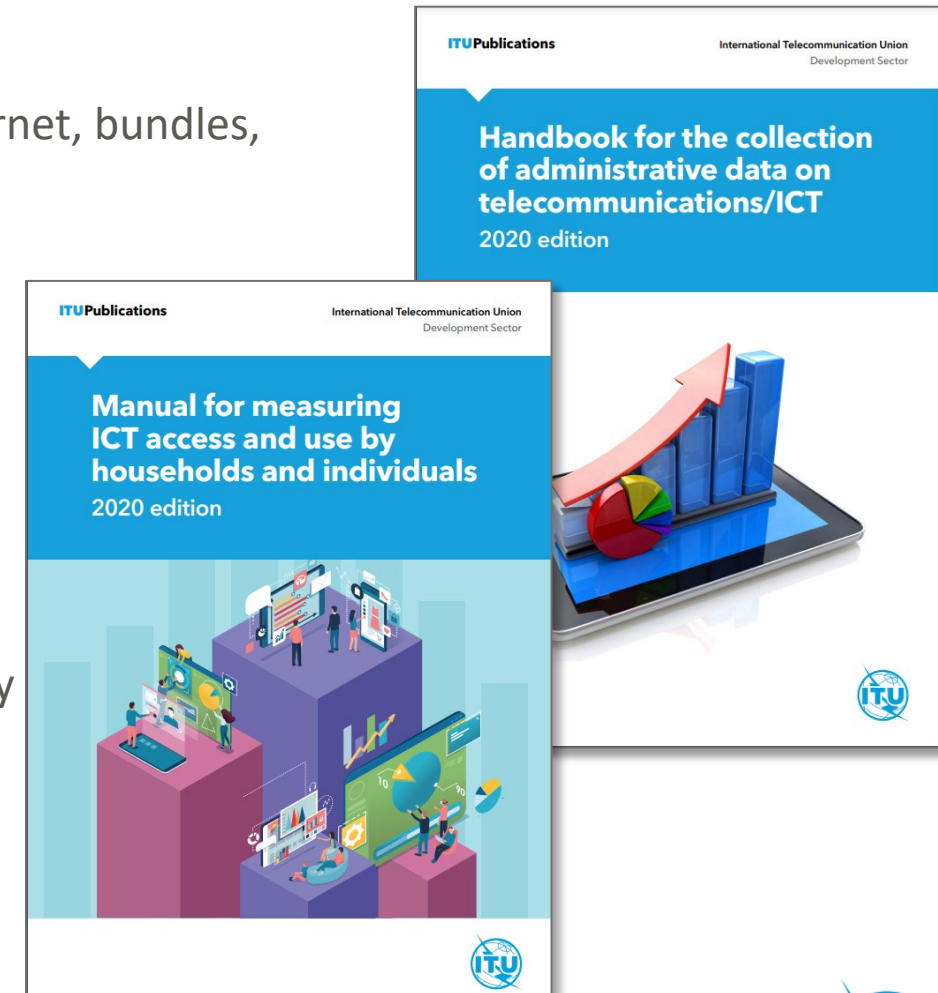


Data on household access to, and individual use of, ICTs

A comprehensive manual on methodologies for conducting ICT surveys for households and individuals (from planning and coordination to standards, collection techniques, sampling, quality assurance, etc.), including core list of indicators and model questionnaires

- Jointly developed; provide basis for data collection and validation
- Freely available in 6 languages

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





Report of EGH subgroup 2025

Measuring AI use through household surveys

Summary

Presented the subgroup recommendations setting the scope of possible survey questions on AI use

The subgroup recommended:

1. Survey questions on AI use should reflect the natural limitation to conscious use
2. Questions should focus on specific activities or domains of use rather than a single broad concept of AI
3. New indicators should focus on Use of AI; Awareness of AI; Frequency of use; Domain of use (e.g., education); Activities (e.g., using LLMs)

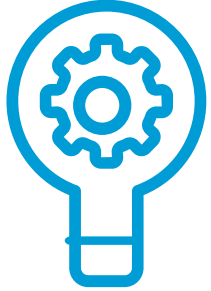
Conclusion

EGH agreed to the recommendations of the subgroup

EGH encouraged countries to conduct cognitive testing on survey questions related to AI use

EGH agreed to extend the mandate of the subgroup to:

- Continue collecting national experiences
- Propose question sets for further study
- Assess the feasibility of integrating indicators into the core set of ICT household indicators



Future work (for 2026)

Subgroups

Joint EGH/EGTI subgroup on the ICT Development Index (mandate extended)

Measuring use of artificial intelligence through household surveys (mandate extended)

Keep discussion topics

Review of household long questionnaire

Relevance of household Internet access

Measuring ICT skills

New discussion topics

Measuring digital well-being

Harmful use of Internet

Survey methodology

Integration with alternative sources

Effect of multilingualism on Internet use/digital skills

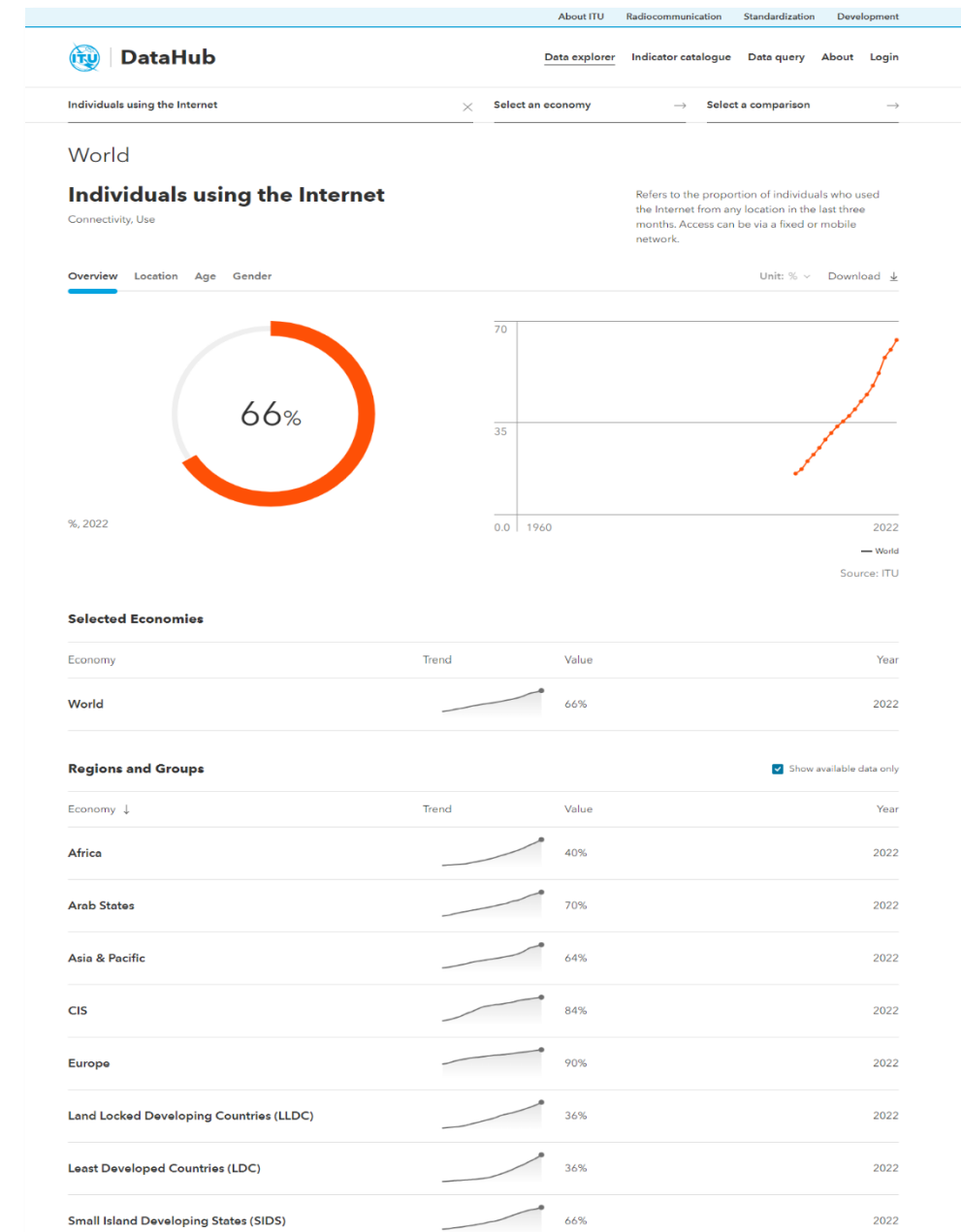
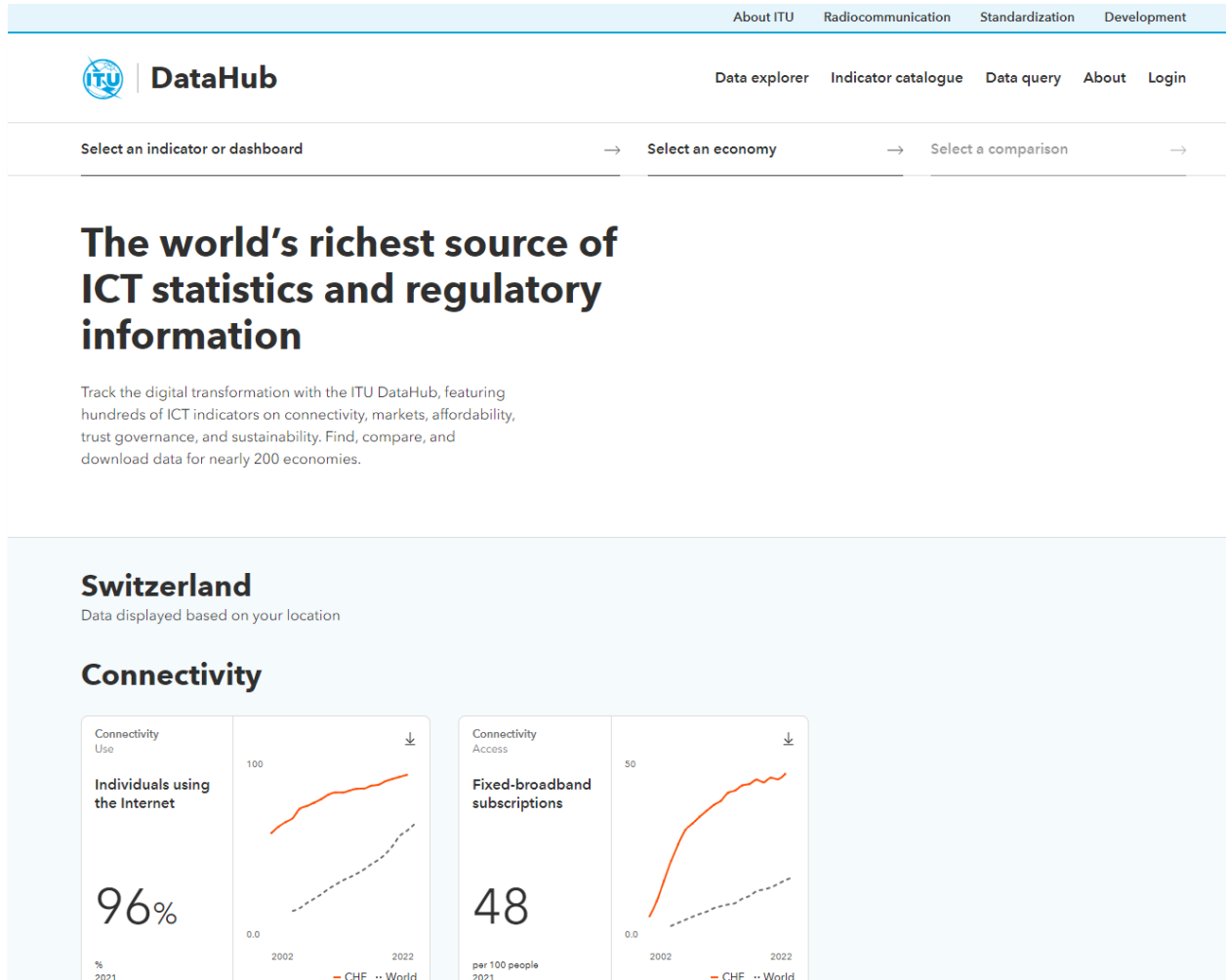
Future work – EGTI 2026

The following topics were flagged for future work:

- Review of the IDI (extend mandate of subgroup)
- ICT sector greenhouse gas emission monitoring indicators (extend mandate of subgroup)
- ICT Price baskets (experience sharing)
- Satellite-based broadband connectivity
- Measurement of device affordability
- Review the list of indicators collected in the WTI questionnaire
- Experience sharing on sub-national data collection, use of GIS-based techniques
- As well as topics from previous year: Middle mile connectivity; OTT use

Based on the guidelines, for a subgroup to be launched, at least 10 committed participants

Dissemination:



Visit <https://datahub.itu.int>



Analysis & research

Recent publications



Launched in the context of the RPM/RDF 2025, the **State of Digital Development and Trends** publications feature an overview of digital connectivity and case studies from each ITU region.

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



Learn more about ITU's ICT statistics

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BigData



Partnership on Measuring ICT for Development

- Global initiative to improve availability and quality of internationally comparable ICT statistics
- Main mechanism for the [coordination of ICT statistics internationally](#)
- Members: 14 international and regional agencies involved in official ICT statistics
- Steering Committee (2023-2025): ITU, UNCTAD, and UN DESA
- Core List of ICT Indicators endorsed by UN Statistical Commission
- Conducted regional workshops and trainings to help countries develop capacity



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Core list of ICT indicators

The **core list of ICT indicators** is composed of over 50 indicators in the following areas:



- ICT infrastructure and access
- ICT access and use by households and individuals



- ICT access and use by enterprises
- ICT sector and trade in ICT goods



- ICT in education



- ICT in government



- E-waste indicators

Activities in 2025:

1. Organized a thematic workshop during the WSIS HL event in July 2025
2. Started the mapping of Core ICT Indicators against the WSIS Action Lines, GDC, and UMC Targets
3. Organized a session during the ITU World Telecommunication/CT Indicators Symposium (WTIS) 2025
4. Provided input to High Level Political Forum 2025 and UN Statistical Commission 2026 (item on ICT Statistics)

Mapping ICT Indicators to WSIS Action Lines, UMC and the GDC

Indicator Group	Core ICT Indicators	WSIS Targets	WSIS Action line	GDC	UMC
ICT infrastructure and access	A10 Multichannel TV subscriptions per 100 inhabitants			hospitals to the Internet	
ICT access and use by households and individuals	HH1 Proportion of households with a radio	Target 8. Ensure that all of the world's population has access to television and radio services	C2. Information and communication infrastructure C3. Access to information		
ICT access and use by households and individuals	HH2 Proportion of households with a TV	Target 8. Ensure that all of the world's population has access to television and radio services	C2. Information and communication infrastructure C3. Access to information		
ICT access and use by households and individuals	HH3 Proportion of households with telephone	Target 1 - Connect all villages with ICTs and establish community access points	C2. Information and communication infrastructure C3. Access to information		
ICT access and use by households and individuals	HH4 Proportion of households with a computer			Objective 1.1 - Connect all people, schools and hospitals to the Internet	
ICT access and use by households and individuals	HH5 Proportion of individuals using a computer			Objective 1.1 - Connect all people, schools and hospitals to the Internet	
ICT access and use by households and individuals	HH6 Proportion of households with Internet			Objective 1.1 - Connect all people, schools and hospitals to the Internet	Universality targets
ICT access and use by households and individuals	HH7 Proportion of individuals using the Internet	Target 1 - Connect all villages with ICTs and establish community access points	C2. Information and communication infrastructure C3. Access to information and	Objective 1.1 - Connect all people, schools and hospitals to the Internet Objective 1.2 - Make digital technologies more	Universality targets
ICT access and use by households and individuals	HH8 Proportion of individuals using the Internet, by location			Objective 1.1 - Connect all people, schools and hospitals to the Internet	
ICT access and use by households and individuals	HH9 Proportion of individuals using the Internet, by type of activity			Objective 1.1 - Connect all people, schools and hospitals to the Internet	
		Target 10. Ensure that more than half the world's inhabitants have access to ICTs within	C2. Information and communication infrastructure C3. Access to information	Objective 1.1 - Connect all people, schools and hospitals to the Internet Objective 1.2 - Make	

Why This Mapping Matters?

1. Monitoring tools for GDC implementation.
2. Assessment of UMC Targets.
3. Monitoring of WSIS targets and action lines implementation.
4. Identifying areas where core indicators are missing.

Early insights:

- Indicators needed in areas such as employment, health, security, governance, AI, etc.

WSIS+20 Overall Review of the Implementation by the General Assembly

- HL meeting of the General Assembly [Outcome Document](#) on Monitoring and Measurement
 - Undertake a systematic review of existing indicators and methodologies, report to UN Statistical Commission 2027
 - Conduct a quantitative assessment of WSIS+20 action lines implementation
 - Recognize the need for funding and capacity building of national statistical systems, call for development partners to provide additional resources
 - Call on the private sector to contribute by making data available

Way Forward

- Finalize and publish the mapping matrix
- Identify indicators that are needed for areas not covered by current core list
- Report of the Partnership on Measuring for Development, in UN Statistical Commission 2026
- Publish available data on the Partnership core indicators in the ITU DataHub
- Conduct a quantitative assessment of WSIS+20 action lines implementation

Thank you

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