



# Meeting of the UN Committee of Experts on Business and Trade Statistics

**Task Group on ICT for SDGs**  
co-lead by ITU and UNDESA  
12 June 2019



# Agenda

- **Background**
- **Members**
- **Current Progress**
- **Proposed Indicators**
- **Discussion**



# Background

- **Under Partnership on Measuring Information and Communications Technology for Development**
  - Task Group initiated in January 2017, launched in June 2017
  - Objective: to **propose a thematic list of ICT indicators that could be used to measure ICT availability** and use in sectors relevant to the SDGs that are not covered in the SDG indicators framework



# Members of the Task Group on ICT for SDGs

- ITU and UN-DESA (co-leads)
- Bangladesh
- Brazil
- UIS
- UNCTAD
- UNEP
- UNEP-SBC
- UNESCO-UIS
- UNU-EGOV
- UNU-Vie
- Uruguay
- World Wide Web Foundation
- Individual expert (D.Souter)



# Importance of ICT Indicators

- ICTs are recognized as a key development enabler
- To this end, it is important that **all areas where ICTs will play a role are measured and monitored**



# The Age of Digital Interdependence

- High-Level Panel on Digital Cooperation just submitted the report to Secretary-General on June 10th.
- One of the key functions of digital cooperation is Evidence and Data - monitoring developments and identifying trends to inform decisions, including by analysing existing data sources.
- Establishing universal ICT indicators with definitions of terms and concepts, would also increase clarity in policy discussions and support consistency of measurement of digital inclusion.



**High-Level Panel on Digital Cooperation. 2019. "The Age of Digital Interdependence -Report of the UN Secretary-General's High-level Panel on Digital Cooperation."**



# Current Global SDG Indicators Database

SDGs Target	ICT-related Indicator	Tier
Target 4.4	Proportion of youth/adults with ICT skills	II
Target 4.a	Proportion of schools with access to the Internet and computers for pedagogical purposes	II
Target 5.b	Proportion of individuals who own a mobile telephone, by sex	II
Target 9.c	Percentage of the population covered by a mobile network, broken down by technology (2G, 3G, mobile network)	I
Target 17.6	Fixed-Internet broadband subscriptions, broken down by speed	I
Target 17.8	Proportion of individuals using the Internet	I

- Only 3 out of 7 indicators are on Tier I (data is easily available)
  - There is a need for increasing data availability for the remaining indicators
- There is a **need for more detailed list of thematic indicators** to help countries measure their progress in the adoption and use of ICT in different sectors



# Progress

Item	Responsible
Develop criteria and framework for the new indicators	A sub-group within the Task Group
Reach out to other organizations i.e. WHO, OECD, WB that could contribute to the work of Task Group	TG Co-leads
Call for inputs (indicators) to the Framework	All Members
Analyze inputs including data availability, reliability, frequency etc.	TG Co-leads
Prepare a document including the set of indicators proposed for selected SDG targets along with their definitions, benchmarks and the methodologies	TG Co-leads
Disseminate the document to TG Members and other stakeholders for feedback and clearance	TG Co-leads





# Proposed Indicators

## Criteria

- address a **single** issue
- have sufficiently **reliable** measurement data
- be based on **internationally agreed methodologies**
- be **quantitative** where possible.
- be independently **verifiable** where possible
- permit **disaggregation** by relevant characteristics of the population under consideration
- be collectable within **reasonable cost** in time and money, in the majority of the countries
- preferably be **collected already by an international agency**

Visit: <http://bit.ly/ictindicators>



# Outcome document

**Visit:**

**<http://bit.ly/ictindicators>**



# Proposed Indicators

## Example

PI	Breakdowns	Data source at national level	International agency compiling data	Justifications
PI001 - Proportion of individuals using the Internet	Sex Age Rural/urban Level of education Labour force status Occupation	ICT surveys (NSO)	ITU	This target includes that by 2030 all men and women have access to appropriate new technology, among others. PI001 measures the proportion of individuals using the Internet and indicates to what extent part of this target is achieved. The Internet is an example of appropriate new technology.



# Proposed Indicators

The finalized proposal includes

**25** ICT indicators, related to **27** Targets, and **11** Goals

PI	Detailed PI	No of times used in different targets	Related SDG Targets
PI001	Proportion of individuals using the Internet	8	1.4, 2.3, 4.5, 5.b, 8.5, 9.c, 12.8, 16.10
PI002	Proportion of households with Internet access	2	1.4, 9.1
PI005	Proportion of individuals owning a mobile phone	8	1.4, 2.3, 2.c, 3.8, 5.b, 8.10, 10.c, 16.10
PI006	Population covered by a mobile broadband network	9	1.4, 2.3, 2.a, 2.c, 8.1, 8.2, 9.1, 9.a, 9.c
PI008	Internet broadband subscriptions per 100 inhabitants	1	9.c
PI011	Countries having adopted a national e-health record	1	3.8
PI016	Enrolment in basic computer skills and/ or computing courses in secondary education	1	4.5
PI017	Proportion of graduates in ICT-related fields at post-secondary levels (ISCED 5-8)	1	4.5
PI018	Individuals with ICT skills, by type of skill, by age	2	4.4, 8.2

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PI	Detailed PI	No of times used in different targets	Related SDG Targets
PI019	Percentage of youth/adults who have achieved at least a minimum level of proficiency in digital literacy skills.	1	4.4
PI023	Learner-to-computer ratio (ISCED 1-3)	1	4.a
PI024	Proportion of educational institutions with computers for pedagogical purposes (ISCED 1- 3)	1	4.a
PI025	Proportion of educational institutions with Internet for pedagogical purposes (ISCED 1-3)	1	4.a
PI031	Internet traffic (in exabytes)	1	8.2
PI033	Proportion of individuals using the Internet for the following activities: - Internet banking	5	1.4, 8.1, 8.3, 8.10, 10.c
PI037	Businesses using the Internet for Internet banking; for accessing other financial services	1	8.3

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PI	Detailed PI	No of times used in different targets	Related SDG Targets
PI044	Educational institutions (schools) with Internet (ISCED 1-3)	1	9.1
PI045	ICT prices as a % of GNI p.c.	2	9.1, 9.c
PI046	International Internet bandwidth (bps) per Internet user	2	9.5, 9.a
PI048	Businesses using the Internet	1	17.8
PI049	UN E-participation index	3	16.6, 16.7, 16.10
PI052	Proportion of e-waste treated Environmentally Sound	3	8.4, 12.4, 12.5
PI059	Proportion of businesses receiving orders over the Internet	1	17.8
PI060	Proportion of businesses placing orders over the Internet	1	17.8
SPI003	Business' use of broadband subscriptions	1	8.2

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# Future Plans

- Get feedback from expert group like yours and maybe reach out to new interested organizations in the meantime
- Present at Inter-agency and Expert Group on SDG Indicators (IAEG-SDGs) in November 2019
- Aim for “Item for discussion” during the 2020 session of the United Nations Statistical Commission



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谢谢

Thank You

Merci

Спасибо

Gracias

