

Working Group on Measuring E-Commerce and the Digital Economy

UNCTAD Manual 2020 on Measurement of the Digital Economy: a statistical capacity building tool

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Presentation

- 1. Main changes in the 2020 version of the Manual
- 2. Use for capacity building
- 3. Status of the preparation of the training materials



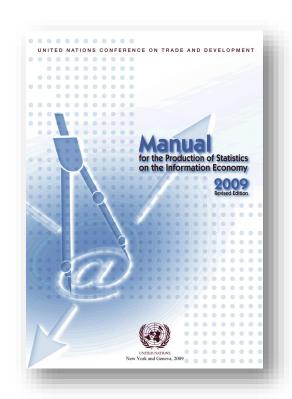


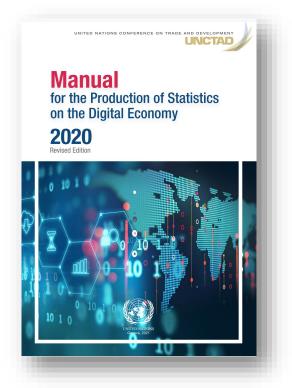
1. Main changes in the 2020 version of the Manual

UNCTAD Manual on Measurement of the Information Economy (2009)



UNCTAD manual on Measurement of the **Digital Economy** (2020)









1. Main changes in the 2020 version of the Manual

From Information Economy to Digital Economy

- "Traditional" topics: the ICT sector, ICT trade in goods, use of ICT by businesses
- Measuring e-commerce, including cross-border
- Additional topics: cybersecurity, ICT investment and gender issues

Focus on ICT services and ICT – enabled services

- Trade in ICT services
- ICT enabled services: definition and new model questionnaire

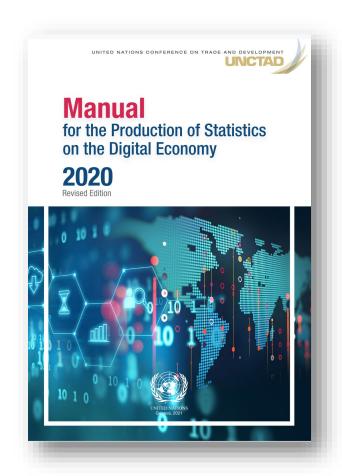
Additional data sources and collection methods

- Additional sources on cross-border trade (e.g. BoP)
- Big data and experimental data





2. A tool for statistical capacity building



- Contributes to the compilation of the core list of ICT indicators
- Can be used across the **national ICT statistics system** (NSOs, other agencies, as well as users)
- Can be used for self-assessment of the completeness and comparability of ICT statistics
- Serves as checklist to designed harmonised statistical operations to measure the digital economy
- Is the basis for training materials





Training producers and users of ICT statistics

The training materials can be used to train

- NSO staff responsible for ICT statistics
- NSO staff responsible for business statistics, trade statistics, industrial statistics, services statistics...
- NSO staff responsible for survey design and implementation
- Staff from other agencies (regulators, ministries) so that data collection from other institutions has an increased coherence and comparability with NSO statistics
- Training-for-trainers (using Train-for-Trade methodology)
- Users (academic researchers)





3. Status of preparation of training materials

UNCTAD Manual has been transformed in a series of training materials to facilitate capacity building.



Manual

for the Production of Statistics on the Digital Economy













Measuring e-commerce and the Digital Economy

Module 2: Statistical standards for selected indicators on the digital economy

- Training activity in face-to-face and online versions.
- Course includes 9 modules, each one covering a chapter of the Manual.

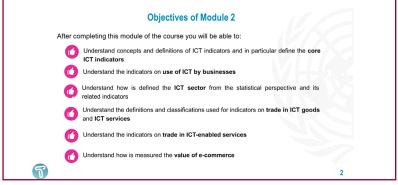




Face-to-face training materials

- 1. Slide presentation of the contents of each chapter in a user-friendly and didactical way.
- Making explicit the learning objective of the Module
- With **references** to the sections of the Manual where each content is developed in detail.
- Based on the long-time experience in delivering face-toface trainings, but with updated format and contents
- 2. **Practical exercises** in Excel for selected modules to be completed by the participants.

3. Assessment tool consisting in a series of quizzes (single and multiple-choice items) revising the key concepts of the module.



PRACTICE: ME	ASUR	ING B	5												
1. Population size								2. Sample size							
		Urban		В	tural					Urban			Rural		
	Micro	Small	Medium	Micro	Small	Medium	Total		Micro	Small	Medium	Micro	Small	Medium	To
Textile	2.859	3.263	1.940	149	166	152	8.529	Textile	39		82	7	18	31	2
Food and beverages	1,115	334	65	761	182	74	2,531	Food and bever	33	20	10	32	43	22	1
Paper and printing	1.718	556	74	104	39	26	2.517	Paper and print	36	35	16	30	13	9	13
Metal-mechanic	632	475	71	348	187	39	1,752	Metal-mechanic	24		12	17	28	10	12
Plastic and non-metallic	771	373	53	109	34	27	1,367	Plastic and non	29		12	20	12	9	10
Repair and installation	517	125	12	322	105	10	1,091	Repair and inst	29		3	22	27	3	10
Wood and furniture	427	128	12	127	7	10	711	Wood and furn	29		3	34	2	3	
Chemical	201	193	47	61	22	17	541	Chemical	20	30	10	20	6	4	
Leather	141	106	31	84	21	- 1	384	Leather	15	31	8	16	8	- 1	
Indeterminate	300	45	45	37	8	3	438	Indeterminate	16		11	4	2	2	-
Total	8,681	5,598	2,350	2,102	771	359	19,861	Total	270	308	167	202	159	94	1,20
		Total Rural	16,629	Total	out Dhaka	3,232				Total Urban	745	Tot	al out Rural	455	
3. Number of business with a w	b presence	(Sample)						3. Weighting							
		Urban			tural					Urban			Rural		
	Micro	Small		Micro	Small	Medium	Total		Micro	Small	Medium	Micro	Small	Medium	Tot
Textile	4	31	55	- 1	7	25	123	Textile							
Food and beverages	8	4	6	5	12	15	50	Food and beverag							
Paper and printing	7	15	14	8	6	4	54	Paper and printing	9						
Metal-mechanic	4	12	9	3	16	8	52	Metal-mechanic							
Plastic and non-metallic	8	8	9	5	7	8	45	Plastic and non-n							
Repair and installation	7	8	- 1	3	12	- 1	32	Repair and install							
Wood and furniture	3	6	4	7	- 1	3	24	Wood and furnitu	re						
Chemical	2	14	8	2	- 1	- 1	28	Chemical							
Leather	3	11	4	6	4	- 1	29	Leather							
Indeterminate	3	3	7	- 1	2	- 1	17	Indeterminate							
Total	49	112	117	41	68	67	454	Total							

Question	Question type (Yes/No; Single choice; Multiple choice)	Question text	Possible answers	Correct answer(s)	
1	True / False	Since there is no international harmonized definition of rural/urban, the Manual does not recommend disseminating the core indicators with a breakdown by rural and urban business.	True / False	False	
2	Multiple choice	The Manual recommends dissemination of the core indicators with the following breakdowns:	a. Economic activity b. Gender of the owner/CEO c. Busines Size d. Age of the business	а, с	
3	Single choice	To maintain statistical confidentiality, cells are required to have a minimum of	a two businesses b three businesses c ten businesses d twenty businesses	b	
4	Multiple choice	Potential method to prevent disclosure of confidential data are	aCollapsing rows bCollapsing columns cSupressing data and indicating that this has been done to preserve confidentiality dTo show a false value of the indicator with no further clarification.	a, b, c	





Online training materials



- 1. A series of **brief video recording** presenting the main concepts of each module.
 - Supported by a downloadable slide presentation with references to the sections of the Manual where each content is developed in detail.
- 2. **Practical exercises** in Excel for selected modules to be completed by the participants.
 - The solution is provided to the participants for self-correction.
- 3. **Self-assessment tool** consisting in a series of quizzes (single and multiple-choice items) revising the key concepts of the module.
 - The participant can check if her answers are right before moving to the next video recording.



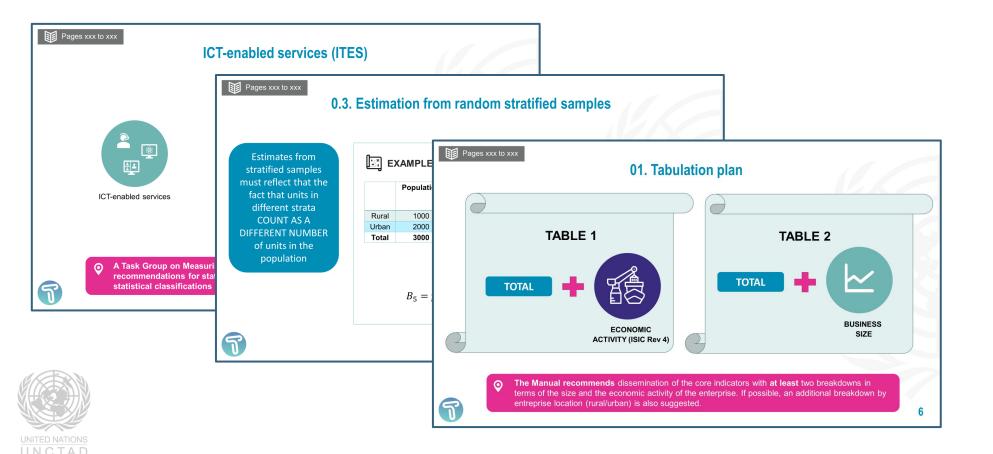


3. Status of the preparation of the training materials

Face-to-face material are currently under UNCTAD's revision

Brief video sessions to be recorded Translation to other languages

Español Français Русский Івесний







Thank you

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