



REVISION OF HETUS GUIDELINES

Teodora Tchipeva
Eurostat, Unit F4

20-21 June 2018

EGM on Time-Use Statistics

Outline

- 1. Overview of HETUS*
- 2. Our starting point: from HETUS 2010 to HETUS 2020*
- 3. HETUS data production, dissemination & publication*
- 4. HETUS microdata for scientific purposes*

1. HETUS overview

- **No legal basis:** HETUS conducted on the basis of a "gentlemen's agreement"
- 2 waves by now: 2000 & 2010; preparation for HETUS 2020 (*revision of 2008 HETUS guidelines*)
- Data collection for ref year 2010 spreads over 2008-2015
-> *draft IESS FR:HETUS 2030 to be implemented under IESS. Implications: common ref year & core variables/ definitions*
- **Instruments:** HH & I questionnaire + 2 diaries (week & weekend) + working schedule
- **Variables:** how people spend time in main & secondary activity, 10 min slots. Policy fields: employment (paid) & unpaid work, work-life balance/ gender issues; health policies, physical exercise, culture, social life, transport (commuting), etc.
- we collect microdata but only aggregated tables on EUROBASE; launching consultation on starting **anonymization** of the data for scientific purposes

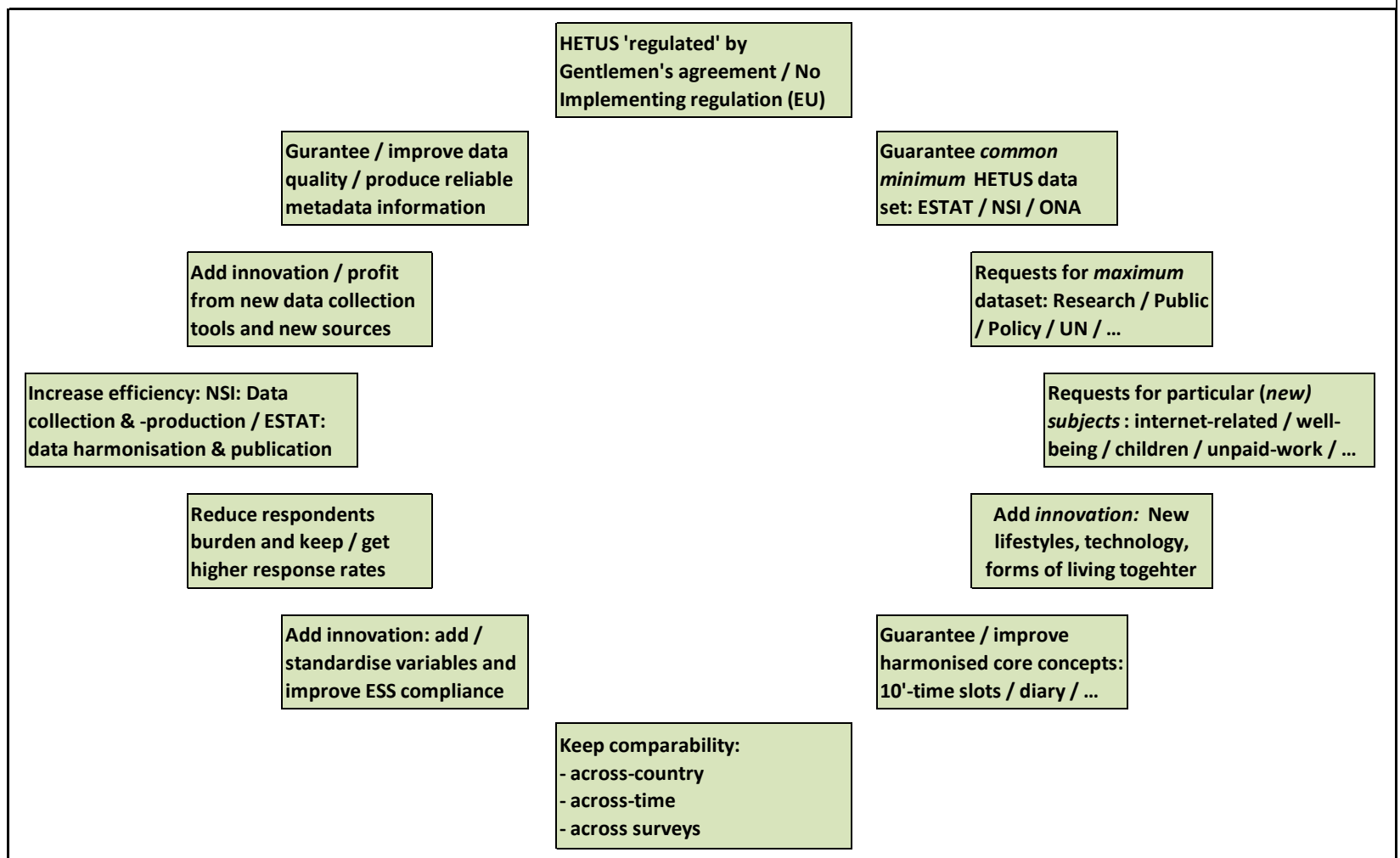
2. Revision of Guidelines for HETUS 2020

1. *What is the task?*
2. *How to develop Guidelines for HETUS 2000 wave? Structural & processual approach*
3. *What are the building blocks?*
4. *ESTAT proposal at this stage: main concepts*



European
Commission

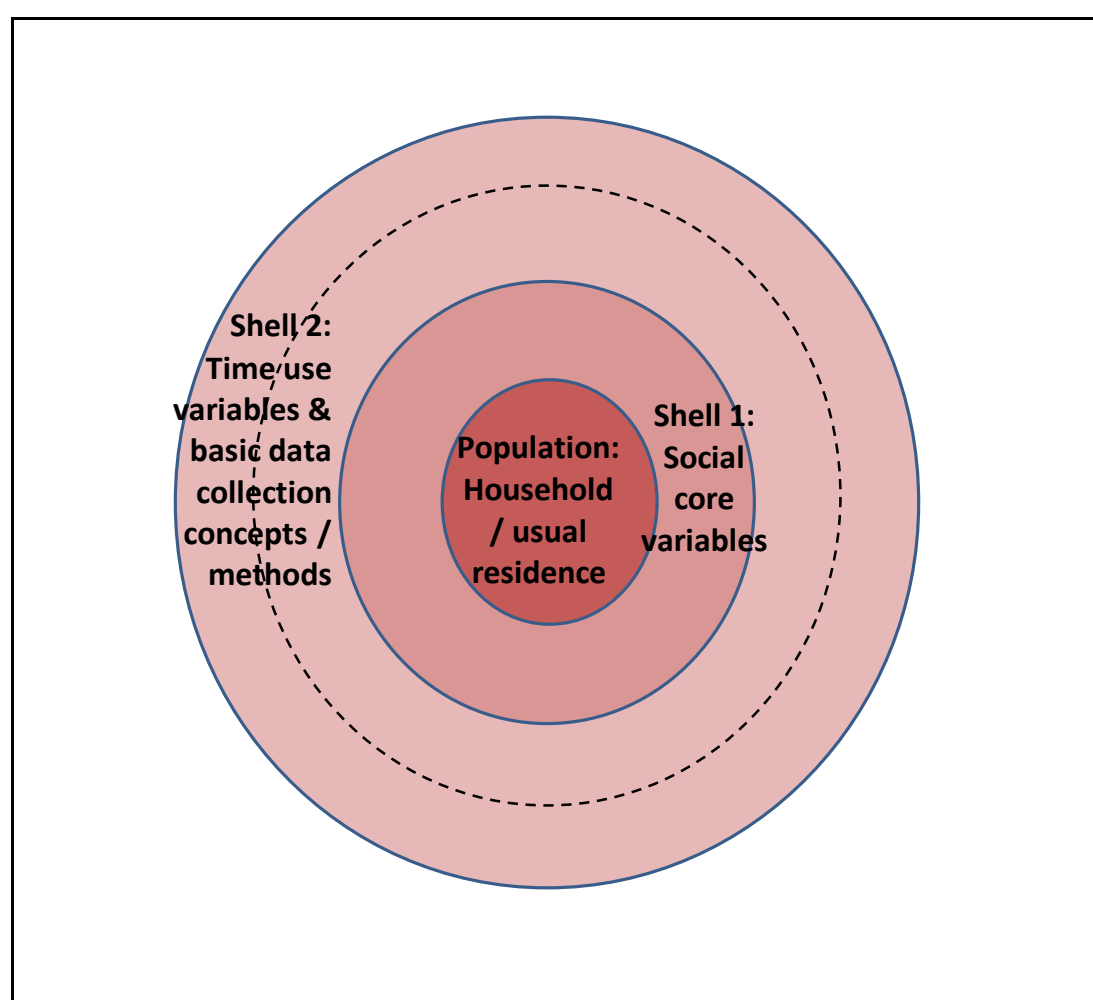
1) What is the task?





European
Commission

2) How to structure the task?





European Commission

Population:

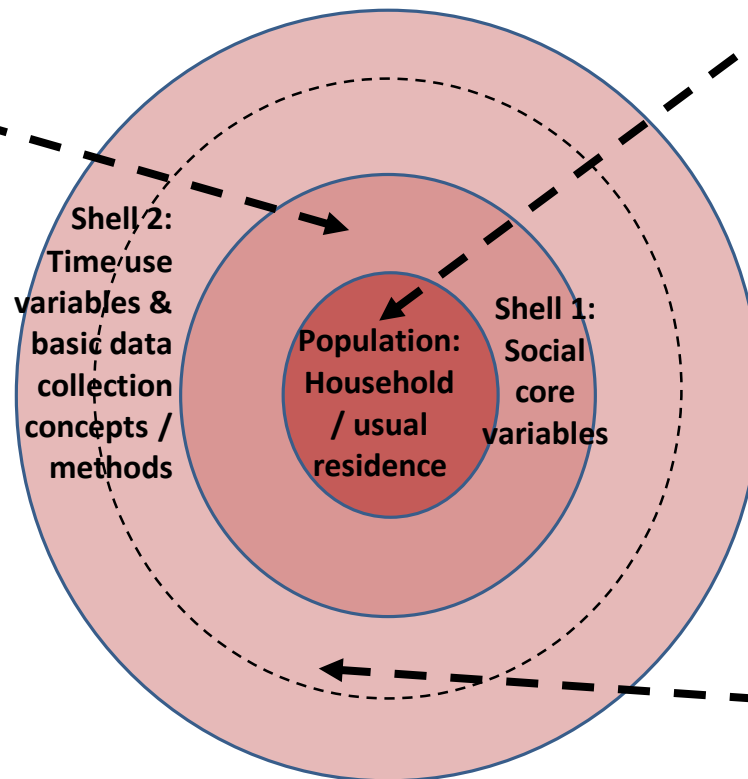
- Households
- Usual residence
- Individuals

Fieldwork variables (H & I):

- Nbr of household
- Nbr of interviewer
- Date of interview
- Starting time of interview
- Nbr of respondent
- Ending time of interview
- Type of interview (only I)

Shell 2: Time use variables & basic concepts / methods

- Main activity
- Secondary activity
- Location / transport mode
- Alone / with whom
- 2 Questionnaires (H & I)
- 2 Dairies (week/ weekend)
- Full diaries (adult / child)
- Activity coding list ACL2008
- Real-time-coding
- 10-minutes time-slots
- Full 12-month period
- Private (resid.) households
- No upper age limit
- Under age limit (10/15)
- Interviewer instructions
- Year of data collection

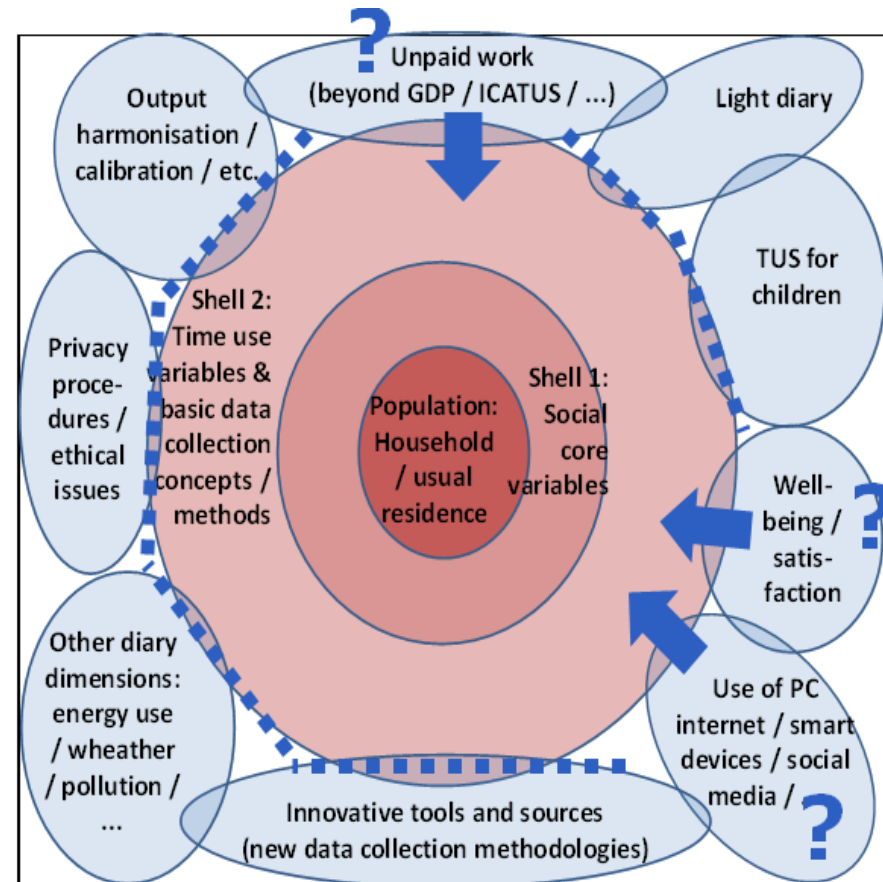


Shell 1: Social core variables

- Household grid
- Partner living in household
- Household size
- Household type
- Net income
- Net income (deciles)
- Gainfully employed
- Main activity main job
- Occupation main job
- Weekly working hours m. job
- Professional status main job
- Working full- or part-time
- Self-declared labour status
- Present receiving education
- Level of actual education
- Level of completed education
- Generals state of health
- Chronic health problem
- Hampered in daily activities
- Country of birth
- Country of citizenship
- Country of birth of father
- Country of birth of mother
- Country of residence
- Region of residence
- Degree of urbanisation

How to develop Guidelines for HETUS wave 2020?

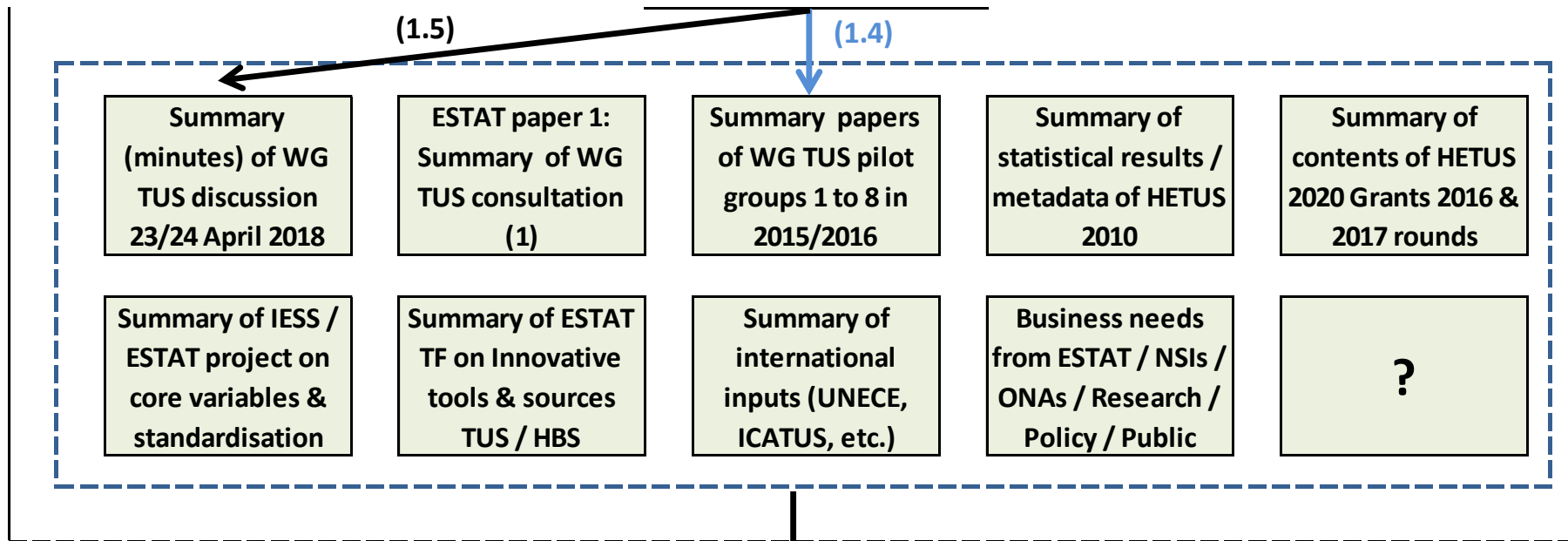
- *define a 'harmonised core' of HETUS 2020 firstly*
- *define 'voluntary modules' for HETUS 2020 secondly*
- *work on concrete HETUS 2018 Guidelines after clarifying the 'basic concepts'*



Tentative timetable for the revision HETUS 2008 Guidelines

Consultation round	Documents	Provisional time
Consultation 1	Paper 1: summary HETUS 2008 Guidelines	11-19 April 2018
Consultation 2	Background Paper + ESTAT concepts proposal	15 -30 June 2018
Consultation 3	HETUS 2019 Guidelines: Draft 1	16.08 – 24.09 2018
Consultation 4	HETUS 2019 Guidelines: Draft 2	22.10 -16.11 2018
Publication	Final draft	By end February 2019

3) What are the building blocks?



Building blocks I: HETUS under IESS Framework Regulation

- *The proposed Framework Regulation for the production of European social statistics on persons and households (the Integrated European Social Statistics (IESS) regulation) should enable the progressive methodological and organisational integration of statistical data collections.*
- *Social micro-data collections: SILC, LFS, HBS, AES, EHIS, **HETUS** and ICT HH*
- *Draft IESS is now in trilogue phase (EP, Council, EC)*

Standardisation of social variables

- *November 2013, DSS **mandate** to 'review the definitions, response categories and implementation guidelines of all variables used in several surveys with a view to proposing a single methodology wherever appropriate'*
- ***Standardised definitions for 27 social variables** endorsed by DSS in October 2016 and in March 2017: 18 core variables (to be implemented in all 7 social-micro data collections) & 9 only in some data collections (common variables).*
 - > *HETUS 2020 as a bridge to HETUS implementation under IESS; standardised variables to be included in the draft proposal for revision*
 - > *new set of P3 variables sent to the WG for consultation*
 - > *horizontal IR on common definitions like that of household/ usual residence: ongoing work*
 - > *if HETUS under IESS (round 2030) -> common reference year!*

Standardised variables for HETUS

- **Nbr of P1 + P2 variables defined in IESS project: 27**
- **Nbr of variables requested by IESS for HETUS: 24**
- **Nbr of IESS variables included (already) in HETUS 2010: 19**
- **List of variables requested by IESS, but not in HETUS 2010; to be considered for HETUS 2020: 5**
 - (16) Country of birth of father**
 - (17) Country of birth of mother**
 - (18) Country of residence**
 - (20) Region of residence**
 - (21) Degree of urbanisation**

Building blocks 2: Pilots 2016, Grants 2016/17, TF Innovative tools & Sources

- **8 pilots** (*WG TUS Jan 2016*)
- **2 rounds of grants** (2016, 2017). 2016 grants: "Preparatory work to revise HETUS for implementation in 2020", 7 countries, output received end 2017; 2017 grants: "Modernisation of HETUS", 7 countries, deliverables due in autumn 2018
- **TF Innovative tools & sources** set up April 2017: focus on new ways of data collection for TUS and HBS with the aim to modernise the 2 surveys to decrease costs, respondent burden & boost RR; Grants 2018 TUS & HBS: focus on new tools/ sources



Grants 2016/2017 & Discussion at WG TUS April 2018

- *UK proposal how to integrate SWB in HETUS questionnaire & diary: use of 7-point unipolar scale for two types of questions: on satisfaction and on enjoyment. The topic is subject to II-round consultation*
- *Some countries showed interest in light diary guidelines (part of the II-round consultation); (+) advantages when incorporating new tech for data collection; (-) selection of activities for LTUS remains nationally determined/ no agreed approach & less granularity*
- *Proposals for revision of the ACL list, including taking account of new ICATUS: SK, SI, HR + future work under 2017 grants (HR, PL); main issues for revision: how to include new lifestyles like new ways of socialising, use of tech/ smart phones, etc. in everyday activities; unpaid work, etc.*
- *Children in HETUS (part of the II-round consultation): based on tests, RO proposed questionnaire + diary for two age groups, 8-15 and 15+, including new child-oriented ACL codes*
- *Grants 2017: New methods of data collection (NO, EE, BG): mixed mode of data collection using apps/ web/ GPS trackers, etc./ output expected autumn 2018*

Building blocks 3: ~~Feedback from~~ consultation of WG TUS April 2018

- *Adapt household definition / usual residence*
- *Introduce core/ standardised variables under IEISS*
- *Use most recent version of classifications (e.g. ISCED 11)*
- *Update ACL 2008 (specific national proposals for change in codes): 7. HOBBIES AND COMPUTING most asked to be changed to reflect new lifestyles, use of media, smart devices in various fields in everyday life*
- *Add 'computer/ Internet use' as new column in diary?*
- *Survey forms: 'Open the discussion towards new online possibilities'; consider mixed mode data collection*
- *Reconsider the (new) role of interviewers & coders + coordination/ data integration in a world of mixed mode data collections (e.g. use of new tools & sources of data collection/ automated coding, etc.)*
- *Lower age limit (3, 8, 10, 15+ years)?*
- *Is form 'weekly schedule of working time' needed or not?*
- *Some countries interested in guidelines for LTUS, especially in view of use of mobile apps/ smart devices for data collection*

4) ESTAT PROPOSAL FOR THE STRUCTURE OF HETUS 2018 Guidelines:

A: Main document

- 1 *Harmonisation approach*
- 2 *General guidelines for the harmonisation of European Time Use Surveys*
- 3 *Survey forms:*
 - 3.1 *Household questionnaire*
 - 3.2 *Individual questionnaire*
 - 3.3 *Diary*
 - 3.4 *Weekly schedule of working time (to remove?)*
- 4 *Activity coding list ACL*

B: Annexes

- Annex I: *Household questionnaire*
- Annex II: *Individual questionnaire*
- Annex III: *Diary*
- Annex IV: *Weekly schedule of working time (to remove?)*
- Annex V: *Activity coding list ACL*
- Annex VI: *List of variables for transmission (new!).*
- Annex VII *Definitions of the core/ standardised P1 and P2 variables and concepts of 'private household' and 'usual residence'. (new!)*

3. HETUS data collection

- *June 2018: HETUS data for 18 countries online + metadata files in Metadata handler*

- *Eurobase tables at:*





<http://ec.europa.eu/eurostat/data/database>

Eurobase tables

DATABASE

Data Navigation Tree

Database by themes

- ⊕ General and regional statistics
- ⊕ Economy and finance
- ⊖ Population and social conditions
 - ⊕ Demography and migration (demo)
 - ⊕ Asylum and managed migration (migr)
 - ⊕ Population projections (proj) M
 - ⊕ Population and housing census (cens)
 - ⊕ Health (hlth)
 - ⊕ Education and training (educ)
 - ⊕ Labour market (labour)
 - ⊖ Living conditions and welfare (livcon)
 - ⊕ Consumption expenditure of private households (hbs) M
 - ⊕ Income and living conditions (ilc) M
 - ⊖ Time use survey (tus) M
 -  Time spent, participation time and participation rate in the main activity by sex and age group (tus_00age) i
 -  Time spent, participation time and participation rate in the secondary activity by sex and age group (tus_00age2) i
 -  Time spent, participation time and participation rate in the main activity by sex and household composition (tus_00hhstatus) i
 -  Time spent, participation time and participation rate in the secondary activity by sex and



European Commission

Eurobase (dynamic) tables

eurostat Important leg
v3.4.1-20170407-5840-PROD_E
DATA-EXPLORER_PRODmana

[Explanatory texts \(metadata\)](#) |
 [Information](#) |
 [Download](#) |
 [Preview](#) |
 [Bookmark](#) |
 [Demo](#) |
 [Help](#)

Time spent, participation time and participation rate in the main activity by sex and age group [tus_00]

Last update: 21-03-2018
Table Customization [show](#)

UNIT

SEX (2)

ACLD0

AGE (7)

TIME (2)

GEO (18)

Unit (3)

ACLD0	Time spent (mm:ss)	Participation time (h)	Participation rate (%)
Total	24:00	24:00	100
Personal care	11:12	11:12	100
Sleep	8:36	8:36	100
Eating	1:44	1:44	100
Other and/or unspecified per	0:53	0:54	97.2
Employment, related activitie	2:11	7:24	29.4
Main and second job and rela	2:06	7:22	28.4
Activities related to employm	0:05	0:46	11.0
Study	0:35	5:30	10.6
School and university except	0:20	5:34	5.9
Homework	0:12	3:06	6.7
Free time study	0:03	2:32	1.8
Household and family care	3:01	3:23	89.0
Food management except dis	0:33	0:55	59.6
Dish washing	0:17	0:33	50.2
Cleaning dwelling	0:12	0:58	20.3
Household upkeep except cle	0:25	0:56	44.8
Laundry	0:04	0:35	12.7
Ironing	0:08	1:02	12.5
Handicraft and producing tex	0:01	1:07	2.2
Gardening; other pet care	0:10	1:46	9.8
Tending domestic animals	0:02	0:50	4.1
Caring for pets	0:03	0:30	9.4
Walking the dog	0:04	0:56	7.7
Construction and repairs	0:08	1:34	8.8
Shopping and services	0:30	1:09	43.5
Childcare, except teaching, re	0:11	1:10	16.3
Teaching, reading and talking	0:06	1:01	10.1
Household management and	0:05	0:43	11.8
Leisure, social and associativ	5:41	5:45	98.9



European
Commission

Meta(data) information

1. Summary (in Eurobase / web)

2. National metadata information (ESS-MH / CIRCABC?)

eurostat

Time use survey (tus)
Reference Metadata in Euro SDMX Metadata Structure (ESMS)
Compiling agency: Eurostat, the statistical office of the European Union

Eurostat metadata

Reference metadata

- 1. Contact
- 2. Metadata update
- 3. Statistical presentation
- 4. Unit of measure
- 5. Reference Period
- 6. Institutional Mandate
- 7. Confidentiality
- 8. Release policy
- 9. Frequency of dissemination
- 10. Accessibility and clarity
- 11. Quality management
- 12. Relevance
- 13. Accuracy
- 14. Timeliness and punctuality
- 15. Coherence and comparability
- 16. Cost and Burden
- 17. Data revision
- 18. Statistical processing
- 19. Comment

Related Metadata
Annexes (including footnotes)

For any question on data and metadata, please contact: [EUROPEAN STATISTICAL DATA SUPPORT](#) [Download](#)

1. Contact	
1.1. Contact organisation	Eurostat, the statistical office of the European Union
1.2. Contact organisation unit	F4: Quality of life
1.5. Contact mail address	2920 Luxembourg LUXEMBOURG

1 - Full view 2 - Disseminated view

eurostat

TUS_ESQRS_A_RO_2010_0000
National Reference Metadata in ESS Standard for Quality Reports Structure (ESQRS)
Compiling agency: National Institute of Statistics Romania
Time Dimension: 2010-A0
Data Provider: RO1
Data Flow: TUS_ESQRS_A

Eurostat metadata

Reference metadata

- 1. Contact
- 2. Statistical presentation
- 3. Statistical processing
- 4. Quality management
- 5. Relevance
- 6. Accuracy and reliability
- 7. Timeliness and punctuality
- 8. Coherence and comparability
- 9. Accessibility and clarity
- 10. Cost and Burden
- 11. Confidentiality
- 12. Comment

Related Metadata
Annexes (including footnotes)

For any question on data and metadata, please contact: [EUROPEAN STATISTICAL DATA SUPPORT](#)

1. Contact	
1.1. Contact organisation	National Institute of Statistics Romania
1.2. Contact organisation unit	Department of Studies, Demographic Projections and Population Census
1.5. Contact mail address	16 th Libertatii Blvd., sector 5, Bucharest, Romania

2. Statistical presentation





HETUS publications/visibility

Eurostat 'News-item'

News Data Publications About Eurostat Help

European Commission > Eurostat > Products Eurostat News > When health issues impact daily life

← When health issues impact daily life

18/04/2018 Print



In 2016, nearly a quarter (24.1%) of persons aged 16 and over living in the European Union (EU) reported that they had problems carrying out their usual activities due to long-standing health problems. Of those, 16.7% reported that they had some long-standing limitations and 7.4% that they had severe long-standing limitations*.

In the EU, men (21.7%) were less likely than women (26.2%) to report that they suffered from long-standing, health-related limitations. This was the case in all of the Member States.

Highest share in Latvia and Austria, lowest in Sweden and Malta

Over a third of the population aged 16 or over in Latvia (37.4%) and Austria (34.2%) reported that their health limited their ability to carry out their usual activities. Portugal (33.0%), Finland (32.8%), Estonia and Croatia (both 32.3%) as well as Slovenia (31.2%) all had shares over 30%.

At the opposite end of the scale, the lowest share of people reporting long-standing limitations to their lives due to health problems were recorded in Sweden (12.5%) and Malta (12.9%), ahead of Cyprus (16.0%), Bulgaria (16.2%) and Ireland (16.5%).

Share of persons who reported long-standing limitations in usual activities due to health problems, 2016
(% of population aged 16 and over)



Country	Some (%)	Severe (%)	Total (%)
Latvia	29.8	7.6	37.4
Austria	26.6	7.6	34.2
Portugal	26.4	6.6	33.0
Finland	26.2	6.6	32.8
Estonia	25.7	6.6	32.3
Croatia	25.7	6.6	32.3
Slovenia	25.5	5.7	31.2
Netherlands	24.1	0.0	24.1
Slovakia	23.8	0.0	23.8
Lithuania	23.5	0.0	23.5
Denmark	23.2	0.0	23.2
Luxembourg	22.8	0.0	22.8
Hungary	22.5	0.0	22.5
Romania	22.2	0.0	22.2
France	21.8	0.0	21.8
Czech Republic	21.5	0.0	21.5
Belgium	21.2	0.0	21.2
Greece	20.8	0.0	20.8
United Kingdom	20.5	0.0	20.5
EU	16.7	7.4	24.1
Poland	16.5	0.0	16.5
Spain	16.2	0.0	16.2
Italy	16.0	0.0	16.0
Germany	15.8	0.0	15.8
Ireland	15.5	0.0	15.5
Bulgaria	15.2	0.0	15.2
Cyprus	14.8	0.0	14.8
Malta	12.9	0.0	12.9
Sweden	12.5	0.0	12.5

ec.europa.eu/eurostat

The source dataset can be found [here](#).

The higher the income, the less health-related limitations reported

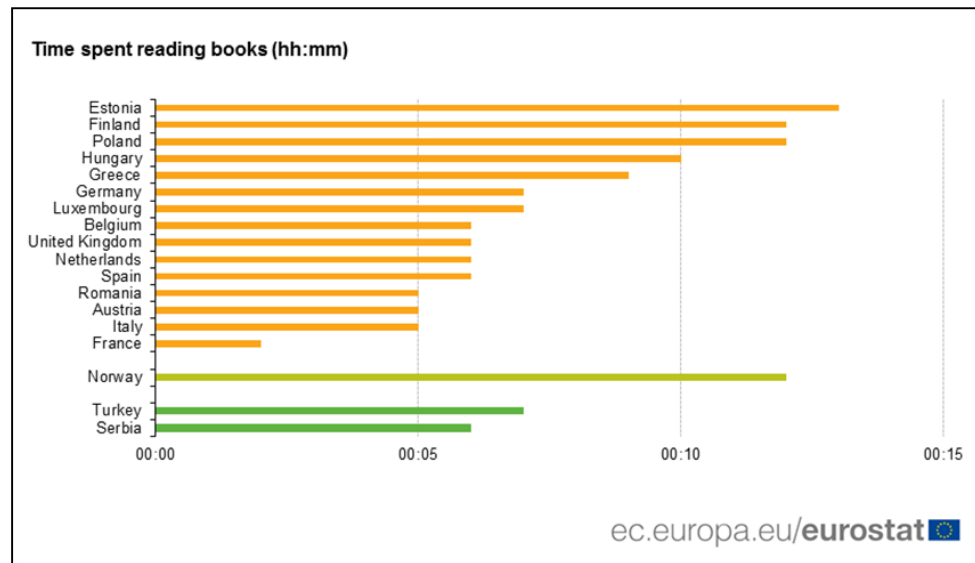
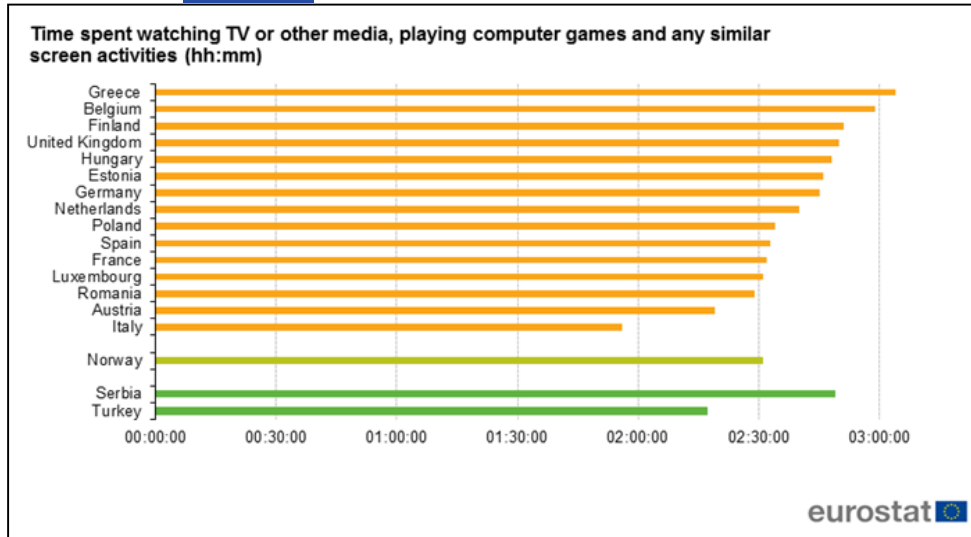
The prevalence of self-reported, long-standing limitations appears to reduce progressively as income increases. While over 30% of the EU population with the lowest income (those classified in the first [income quintile group](#)) reported long-standing limitations, this share almost halved (17%) among the population with the highest income (in the fifth income quintile group).

Please see the detailed [Statistics Explained article](#) on functional and activity limitations for further information.



European
Commission

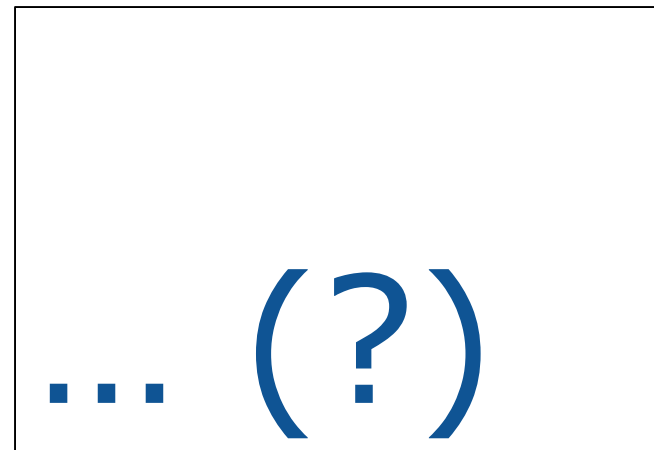
Eurostat 'News-item'





European
Commission

Public appearances



4. HETUS data for scientific purposes

- Eurostat will ask WG TUS for **agreement in principle** on producing scientific use files for the TUS (written consultation)
- Eurostat will ask WG TUS for suggestions on the **protection method** of the scientific use files



European
Commission

THANK YOU VERY MUCH FOR YOUR ATTENTION