SDG 5.4.1 Proportion of time spent on unpaid domestic and care work, by sex, age and location

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Women’s time use

More time in unpaid domestic and care work (almost x 3)

Less time in paid work, education or other activities

Less opportunities

**Indicator 5.4.1 Proportion of time spent on unpaid domestic and care work, by sex, age and location**

2030 Development Agenda: Target 5.4

Member States to:

Recognize and value unpaid domestic and care work...and promote share responsibility

Time-use data
But can we assess progress over time?

- **90** countries between 2000-2016, with data disaggregated by sex
  - Approximately, **85%** with further disaggregation by type of unpaid service: unpaid domestic work and unpaid care work;
  - Age: about a **third** with the recommended age-groups
  - Location (U/R): about a **fourth** with disaggregation by urban and rural

=> Need for more data regularly collected
**SDG 5.4.1 => broken down**

- **SDG 5.4.1 Proportion of time spent on “unpaid domestic and care work by...”**

  - **Activities**
  - Defined based on the International Classification of Activities for Time Use Statistics 2016 (ICATUS 2016)

  - **Disaggregation dimensions**
  - By sex
  - Age
  - Location

  - **Disaggregation categories***
  - Female
  - Male
  - Age groups: 15+, 15-24, 25-44, 45-54, 55-64 and 65+
  - Urban
  - Rural

  *Discussed and recommended by the IAEG-GS during its 11th meeting in Oct 2017
SDG 5.4.1 and ICATUS 2016

ICATUS 2016

1. Employment and related activities
2. Production of goods for own final use
3. Unpaid domestic services for household and family members
4. Unpaid caregiving services for household and family members
5. Unpaid volunteer, trainee and other unpaid work

Productive activities

Personal activities

6. Learning
7. Socializing and communication, community participation and religious practice
8. Culture, leisure, mass-media and sports practices
9. Self-care and maintenance

Unpaid domestic work
Unpaid care work
**SDG 5.4.1 and ICATUS 2016**

**Activities**

**ICATUS 2016**

3. Unpaid domestic services for household and family members

31 Food & meals management & preparation
32 Cleaning & maintaining of own dwelling & surroundings
33 Do-it-yourself decoration, maintenance & repair
34 Care & maintenance of textiles & footwear
35 Household management for own final use
36 Pet care
37 Shopping for own household & family members
38 Travelling, moving, transporting or accompanying goods or persons related to unpaid domestic services for household & family members
39 Other unpaid domestic services for household & family members

4. Unpaid caregiving services for household and family members

41 Childcare and instruction
42 Care for dependent adults
43 Help to non-dependent adult household and family members
44 Travelling and accompanying goods or persons related to unpaid caregiving services for household and family members
49 Other activities related to unpaid caregiving services for household and family members
SDG 5.4.1 – some additional considerations

**Important to note:**

- **Included**
  - Unpaid domestic services for household and family members
  - Travel related to domestic and care work

- **Excluded**
  - Volunteer work
## Time-use indicators

<table>
<thead>
<tr>
<th>Denominator</th>
<th>Numerator</th>
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<tbody>
<tr>
<td>Total number of persons (population)</td>
<td>Total duration of activity</td>
</tr>
<tr>
<td></td>
<td>Average time spent</td>
</tr>
<tr>
<td>Total number of participants</td>
<td>Total number of episodes of activity</td>
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<td>Average number of episodes</td>
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<tr>
<td>Total number of episodes of activity</td>
<td>Total number of participants</td>
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<tr>
<td></td>
<td>Proportion of ‘doers’</td>
</tr>
<tr>
<td>Total number of persons (population)</td>
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</tr>
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<td></td>
<td>(2)</td>
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<td></td>
<td>(3)</td>
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<tr>
<td>Total number of participants</td>
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<td>(5)</td>
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<td>Total number of episodes of activity</td>
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<tr>
<td></td>
<td>Average number per episode</td>
</tr>
<tr>
<td></td>
<td>Average duration</td>
</tr>
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<td></td>
<td>Average number of episodes</td>
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</tbody>
</table>
**SDG 5.4.1 calculation method**

*100

where

\[
\text{time on domestic work} = \text{Av. daily number of hours spent on domestic work}
\]

\[
\text{time on care work} = \text{Av. daily number of hours spent on care work}
\]

and

\[
\text{Total number of hours spent on "... work" by the population}
\]

\[
\text{Total population (regardless of whether they participated in the activity)}
\]
Exercise

Calculate SDG ind 5.4.1, based on the data available in the handout!

Average time spent by M on unpaid domestic services = \( \frac{42,095}{84,190} = 0.5 \)

Average time spent by M on unpaid caregiving services = \( \frac{2,806.33}{84,190} = 0.0 \)

=> Average Tot Time M = 0.533 -> 2.22% (5.4.1)

Average time spent by W on unpaid domestic services = \( \frac{103,770}{69,180} = 1.5 \)

Average time spent by W on unpaid caregiving services = \( \frac{32,284}{69,180} = 0.5 \)

=> Average Tot Time F = 1.967 -> 8.194% (5.4.1)
UNSD-custodian: ongoing work on data validation/harmonization

Process

- January 2018
  - Worked with NSOs to validate data and request additional data disaggregation

- Data reviewed in terms of:
  - Activities included in indicator (added notes describing deviations from global metadata)
  - Age groups

Challenges (to int’l comparability)

- Instrument used for TUS
- Reference period (24H vs 7d)
- Reference/target population
- Classification of activities

- Travel time included in the calculation
- Exclusion of volunteer work
- Different age groups
- Main vs secondary activities

General

Specific to 5.4.1
What are the challenges faced by NSOs with TUS?

Cost to undertake a dedicated time-use survey
- Economic/financial aspects
- Human resources
- Time to capture and validate information

Use of data
- TUS usually underutilized

Granularity/quantity of information collected
- Complexity of coding
- Respondent’s burden => Low response rate
UNSD plans to improve time-use statistics

Existing data:
- Continue to compile time-use data for reporting (including SDG ind. 5.4.1)
- Work on the **harmonization** of existing data

Future data:
- Research, develop and pilot a “light instrument” for TUS

**In terms of content:**
- In line with ICATUS 2016 (adopted by the 2017 UN Statistical Commission) and in collaboration with partner agencies and academia

**In terms of data collection:**
- Mixed-modes and latest technologies for data collection

⇒ Update UN guidelines to collect time-use data + provide assistance to countries
THANK YOU!