Session 2
Operationalization of ICATUS 2016: Full diaries

United Nations Statistics Division (UNSD)
Social and Gender Statistics Section

Second Expert Group Meeting (EGM) on Innovative and Effective ways to collect Time-Use Statistics (TUS)

New York, 20-22 May 2019
What is ICATUS 2016?

• International Classification of Activities for Time Use Statistics

• Endorsed by the UNSC in March 2017 for use as an international statistical classification

• Classification of all the activities a person may spend time on during the 24 hours in a day.

• Standard framework for time-use statistics based on activities grouped in a meaningful way
Principles for constructing ICATUS

• SNA basic framework for ICATUS
• Be applicable in developed and developing countries
• Cover all activities in a balanced and comprehensive way
• Detailed enough to identify relevant activities for sub-populations (women, children, older people)
• Consistent with other standards, concepts and classifications
• Build on existing regional and national experiences/classifications
ICATUS 2016

• Employment and related activities
• Production of goods for own final use
• Provision of services for own final use
• Unpaid caregiving services for household members and related activities
• Unpaid volunteer, trainee and compulsory work

Productive activities

- Intended destination of production
- Own-use production work
- Employment (work for pay or profit)
- Unpaid trainee work
- Other work activities
- Volunteer work

Forms of work:
- of services
- of goods

Relation to 2008 SNA:
- Activities within the SNA production boundary
- Activities inside the SNA General production boundary

Personal activities

- Learning
- Socializing and communication, community participation and religious practice
- Culture, hobbies, mass-media and sports practices
- Self-care and maintenance
Challenges to operationalize ICATUS 2016

• Technical language used in the classification -> translate into questions/contextual information for instrument

• Without additional information, many activities could be classified under several codes in ICATUS 2016
Why do we need additional information?

Providing medical care

- I work in a hospital
  - Employment in corporations, government and non-profit institutions (D 11)
  - Employment in households and household enterprises to provide services enterprises (D 13)
  - Care for dependent adults (D 42)
  - Help to non-dependent adult household and family members (temporary illness) (D 43)

- I work as a nurse in a household
  - Unpaid caregiving services for households and family members (MD 4)
  - Unpaid direct volunteering for other households (D 51)
  - Unpaid community- and organization-based volunteering (D 52)
  - Unpaid trainee work and related activities (D 53)

- My father is sick
  - Unpaid caregiving services for households and family members (MD 4)

- To my neighbor
  - Unpaid direct volunteering for other households (D 51)

- I volunteer in a hospital
  - Unpaid community- and organization-based volunteering (D 52)

- In a hospital where I am getting unpaid workplace experience
  - Unpaid trainee work and related activities (D 53)

- To myself
  - Health or medical care to oneself (932)

- To myself
  - Health or medical care to oneself (932)
In addition to the reported activity:

<table>
<thead>
<tr>
<th>Information</th>
<th>Way of collection</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motivation/intention</td>
<td>Contextual</td>
<td>No specific country examples have been identified</td>
</tr>
<tr>
<td>For pay or profit or for the market</td>
<td>Contextual</td>
<td></td>
</tr>
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ICATUS 2016

- Employment and related activities
- Production of goods for own final use
- Provision of services for own final use
- Unpaid caregiving services for household members and related activities
- Unpaid volunteer, trainee and compulsory work
- Learning
- Socializing and communication, community participation and religious practice
- Culture, hobbies, mass-media and sports practices
- Self-care and maintenance

Motivation/Intention

- For pay or profit
- For own final use (including own household and family members)
- Help to others
- Obtain workplace experience or skills
- Other unpaid form of work

Motivation/Intention

- Personal
  - Learn
  - Socialize
  - Leisure/pleasure
  - Personal
Motivation/intention

For pay or profit
- Employment and related activities (MD 1)

For my use
- Fishing, for own final use (G 216)

To help
- Unpaid volunteer, trainee and other unpaid work (MD 5)

For leisure
- Hobbies (G 822)

Productive activities

Personal activities
For whom

ICATUS 2016
• Employment and related activities
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• Self-care and maintenance

For whom
• For the market/employer
• For myself, my household or family members
• For others (other than household and family members) - neighbor
• For the community
• For organization
• For my personal benefit
“Institutional unit”

**ICATUS 2016**

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“Institutional unit”

- 11 Employment in corporations, government and non-profit institutions
- 12 Employment in household enterprises to produce goods
- 13 Employment in households and household enterprises to provide services
- ...

How could employment in different institutional units be captured? What information is needed? Which questions should be used/promoted?

Relevant given that they are difficult to capture in other surveys.
Major concerns

Included in employment:

• Work for corporations/quasi corporations, non-profit institutions and government
• Work in household unincorporated enterprises engaged in primary production activities, non-primary production activities or construction activities
• Work for household providing services for income

From a gender perspective and for continuity with previous version, there was the need to define relevant **Divisions and Groups in employment** that allow to distinguish the various “types” of work.
### Table 8.1: Average time spent on SNA activities, population aged 10 years and older

<table>
<thead>
<tr>
<th>SNA activity</th>
<th>Male Minutes</th>
<th>Female Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work for corporations/quasi corporations, non-profit institutions and government (formal sector work)</td>
<td>65</td>
<td>23</td>
</tr>
<tr>
<td>Work for household in primary production activities</td>
<td>121</td>
<td>70</td>
</tr>
<tr>
<td>Work for household in non-primary production activities</td>
<td>21</td>
<td>33</td>
</tr>
<tr>
<td>Work for household in construction activities</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>Work for household providing services for income</td>
<td>71</td>
<td>103</td>
</tr>
</tbody>
</table>

Table 9.1 Participation Rates and Average Daily Time Spent by Participants for Disaggregated SNA Activities, Pop 10+, 2013

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Work For Establishments</th>
<th>Work For HH Primary Production</th>
<th>Work For HH Non-Primary Production</th>
<th>Work For HH In Construction Activities</th>
<th>Work For HH Providing Services For Income</th>
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</tr>
<tr>
<td></td>
<td>Male  % Mins</td>
<td>Female  % Mins</td>
<td>Male  % Mins</td>
<td>Female  % Mins</td>
<td>Male  % Mins</td>
</tr>
<tr>
<td>Lives in Rural area</td>
<td>14 181 10 119</td>
<td>67 328 71 203</td>
<td>4 217 17 180</td>
<td>8 261 1 219</td>
<td>9 268 10 228</td>
</tr>
<tr>
<td>Lives in Urban area</td>
<td>39 408 22 302</td>
<td>15 243 22 112</td>
<td>3 255 8 182</td>
<td>2 299 1 227</td>
<td>25 442 21 354</td>
</tr>
<tr>
<td>Age Group</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10-14</td>
<td>10 104 10 92</td>
<td>64 297 69 211</td>
<td>3 136 8 154</td>
<td>2 243 0 185</td>
<td>6 246 6 205</td>
</tr>
<tr>
<td>15-29</td>
<td>20 271 14 210</td>
<td>53 332 59 187</td>
<td>4 229 16 182</td>
<td>7 272 1 243</td>
<td>15 373 14 288</td>
</tr>
<tr>
<td>30-64</td>
<td>23 323 12 205</td>
<td>57 329 60 199</td>
<td>4 246 17 179</td>
<td>10 265 2 208</td>
<td>13 337 14 281</td>
</tr>
<tr>
<td>65+</td>
<td>12 235 9 152</td>
<td>47 312 35 184</td>
<td>4 223 10 220</td>
<td>7 215 1 186</td>
<td>7 293 5 223</td>
</tr>
</tbody>
</table>

With whom

ICATUS 2016

- Employment and related activities
- Production of goods for own final use
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- Learning
- Socializing and communication, community participation and religious practice
- Culture, hobbies, mass-media and sports practices
- Self-care and maintenance

With whom

- 416 Minding children (passive care)
- 425 Passive care of dependent adult
- 414 Talking with and reading to children
- 711 Talking, conversing, chatting
What else will we need? Coding rules

Coding rules will be necessary to provide guidance on how to code possibly “ambiguous” activities.

**ICATUS 2016** does not contain categories for “waiting”; therefore, if “waiting” time is reported, it should be coded under the associated activity. For example: Waiting at the doctor’s office should be coded as “942 Receiving health/medical care from others”.

**Walking** is considered travel if the intention is to get from one place to another; if the primary purpose is exercising, it should be coded as “832 Exercising”. Walking the dog should be coded as “361 Daily pet care”.

**Talking with a household or family child** should be coded as “414 Talking with and reading to children”. This should not be coded under “711 Talking, conversing, chatting”.

**Extra-curricular activities with physical activity or sports-related** will be classified under major division “8 Culture, leisure, mass media and sports practices”.

**Hobbies**

All the courses related to hobbies should be classified as “630 Additional study, non-formal education and courses”.

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Activities that are easily confused

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<th>Unpaid work</th>
<th>Personal</th>
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<td><strong>Unpaid work</strong></td>
<td><strong>Personal</strong></td>
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<tr>
<td>Employment in corporations, government and non-profit institutions (MD 1 – D 11)</td>
<td>Employment in household enterprises (MD 1 – D 12-13)</td>
<td>Unpaid for own final use (MD 2-4)</td>
</tr>
<tr>
<td>110 Employment in corporations, government and non-profit institutions</td>
<td>121 Growing of crops for the market in household enterprises</td>
<td>211 Growing crops and kitchen gardening, for own final use</td>
</tr>
<tr>
<td>122 Raising animals for the market in household enterprises</td>
<td>212 Farming of animals and production of animal products, for own final use</td>
<td></td>
</tr>
<tr>
<td>213 Hunting, trapping and production of animal skins, for own final use</td>
<td></td>
<td></td>
</tr>
<tr>
<td>123 Forestry and logging for the market in household enterprises</td>
<td>214 Forestry and logging, for own final use</td>
<td></td>
</tr>
<tr>
<td>215 Gathering wild products, for own final use</td>
<td></td>
<td></td>
</tr>
</tbody>
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Information needed

In addition to the reported activity:

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Questions

• Is the identified additional information sufficient for the classification of activities into ICATUS 2016? Do we need more information? Do we need less?

• How to capture the motivation/intention of the activity?
  • Any experience?
  • When do we need to capture it?

• How do we capture the institutional unit where the employment is taking place to differentiate activities under Major division 1?
  • Is there a combination of questions (individual questionnaire or household questionnaire) and contextual information (for whom and location) that would allow us identify employment in household enterprises (or work in corporations, government and non-profit institutions, and by “subtraction” work in household enterprises?)
Thank you!
### Comparison productive activities

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<th>Trial ICATUS 2005</th>
<th>ICATUS 2016</th>
</tr>
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<td>1. Work for corporations/quasi-corporations, non-profit institutions and government (formal sector work)</td>
<td>1. Employment and related activities</td>
</tr>
<tr>
<td>2. Primary production activities (not for establishments)</td>
<td>2. Work for household in primary production activities</td>
<td>2. Production of goods for own final use</td>
</tr>
<tr>
<td>3. Services for income and other production of goods (not for establishments)</td>
<td>3. Work for household in non-primary production activities</td>
<td></td>
</tr>
<tr>
<td>4. Household maintenance, management and shopping for own household</td>
<td>4. Work for household in construction activities</td>
<td></td>
</tr>
<tr>
<td>5. Care for children, the sick, elderly and disabled for own household</td>
<td>5. Work for household providing services for income</td>
<td></td>
</tr>
<tr>
<td>6. Community services and help to other households</td>
<td>6. Providing unpaid domestic services for own final use within household</td>
<td>3. Provision of services for own final use</td>
</tr>
<tr>
<td></td>
<td>7. Providing unpaid caregiving services to household members</td>
<td>4. Unpaid caregiving services for household members and related activities</td>
</tr>
<tr>
<td></td>
<td>8. Providing community services and help to other households</td>
<td>5. Unpaid volunteer, trainee and compulsory work</td>
</tr>
</tbody>
</table>
Comparison personal activities

Draft ICATUS 1997

7. Learning
8. Social and cultural activities
9. Mass media use

Trial ICATUS 2005

9. Learning
10. Socializing and community participation
11. Attending/visiting cultural, entertainment and sports events/venues
12. Hobbies, games and other pastime activities
13. Indoor and outdoor sports participation and related courses
14. Mass media
15. Personal care and maintenance

ICATUS 2016

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