



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



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	for own final use		for use by others				
	Forms of work	Own-use production work		Employment (work for pay or profit)	Unpaid trainee work	Other work activities	Volunteer work
of services		of goods	in market and non-market units				in households producing goods and services
Relation to 2008 SNA	Activities within the SNA production boundary						
	Activities inside the SNA General production boundary						

- Learning
- Socializing and communication, community participation and religious practice
- Culture, hobbies, mass-media and sports practices
- Self-care and maintenance

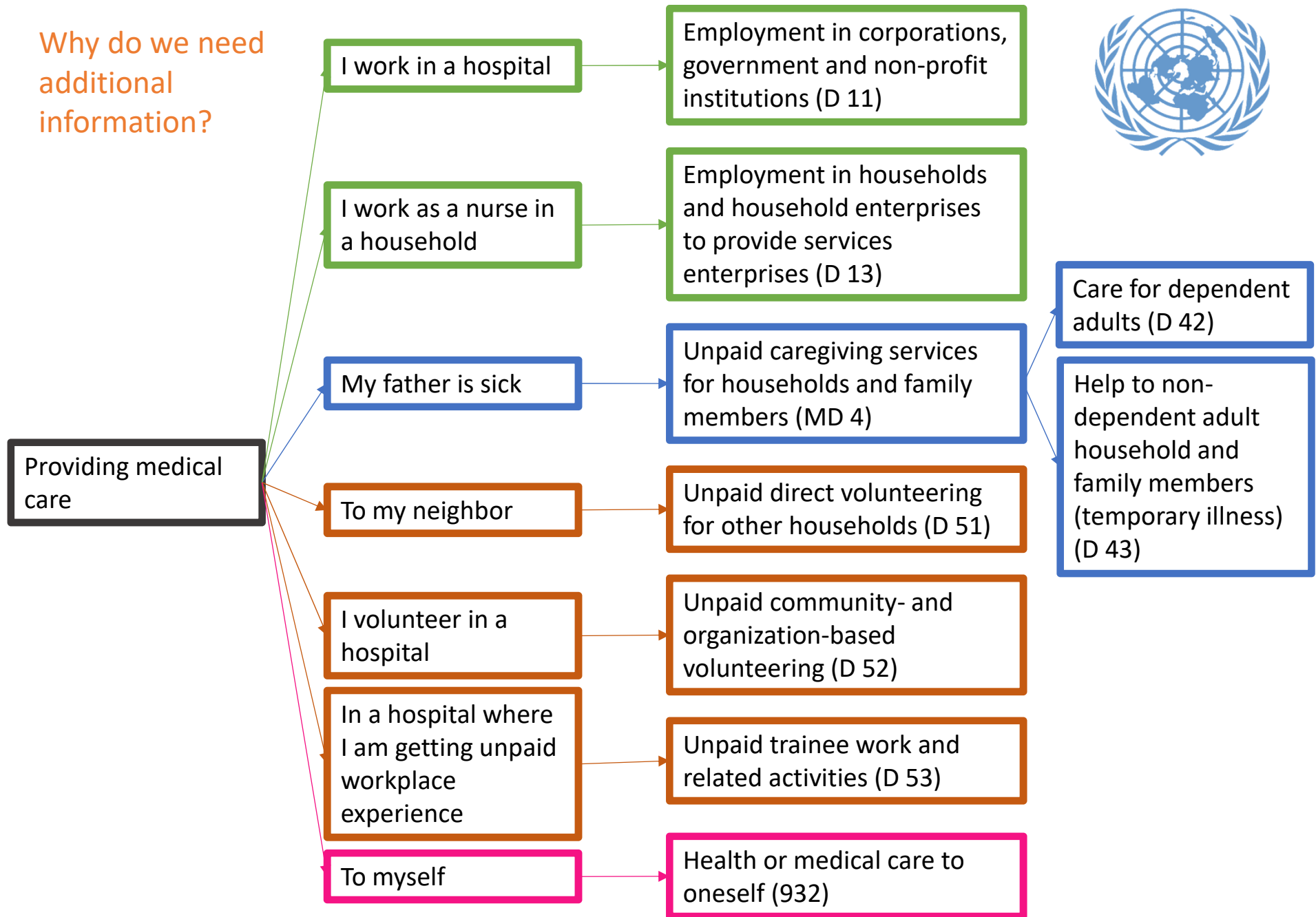
Personal activities

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?



Information needed



In addition to the reported activity:

Information	Way of collection	Notes
Motivation/intention	Contextual	No specific country examples have been identified
For pay or profit or for the market	Contextual	
For whom	Contextual	
Institutional unit	Individual questionnaire and contextual?	How could this be captured? What information is needed? Which questions should be used/promoted?
With whom	Contextual	Most commonly collected
Location/mode of transportation	Contextual	



Motivation/intention

ICATUS 2016

- Employment and related activities
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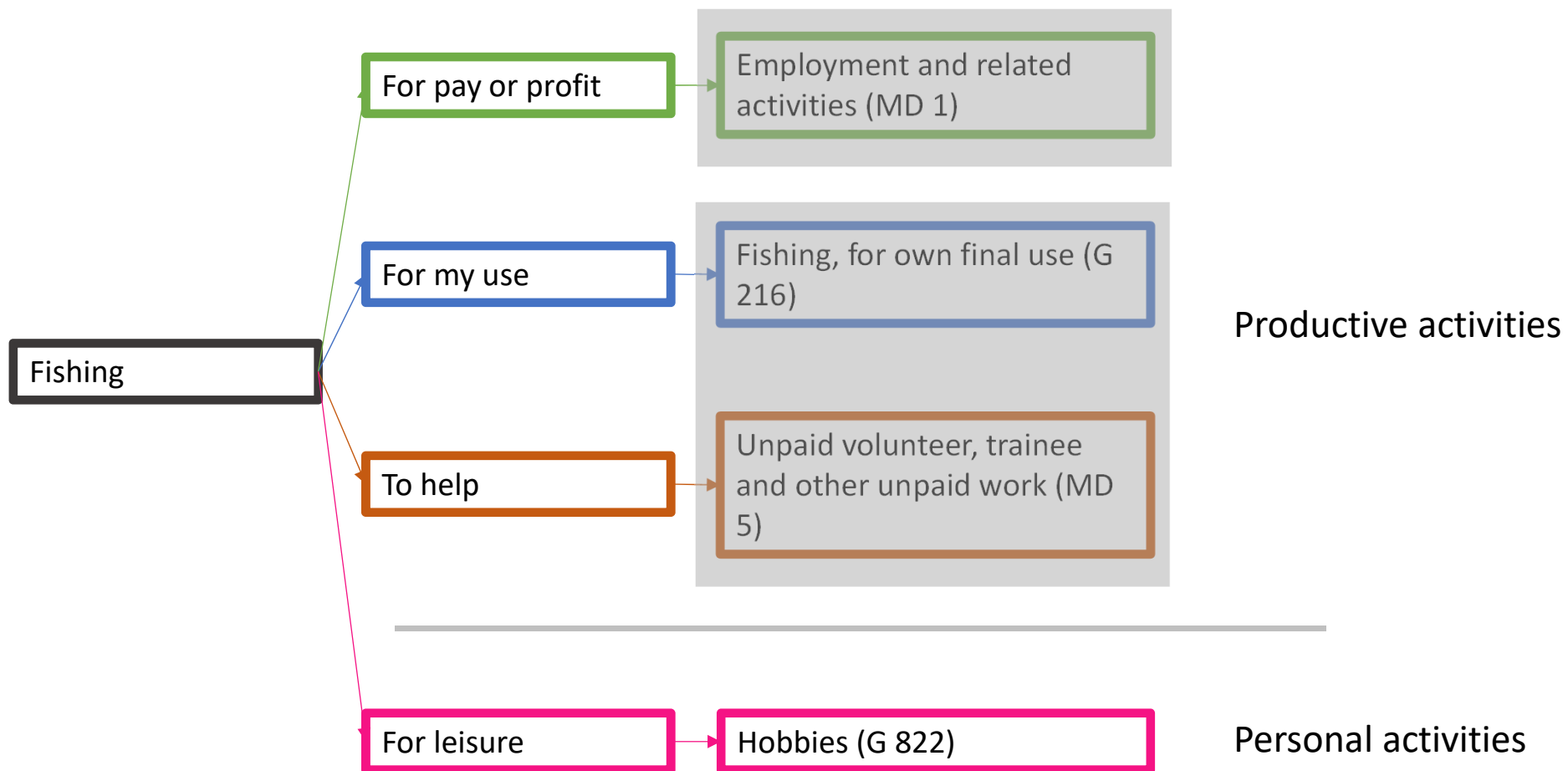
-
- Learning
 - Socializing and communication, community participation and religious practice
 - Culture, hobbies, mass-media and sports practices
 - Self-care and maintenance

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
-
- Personal
 - Learn
 - Socialize
 - Leisure/pleasure
 - Personal



Motivation/intention





For whom

ICATUS 2016

For whom

- 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
- 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

- 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



“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
- ...

Relevant given that they are difficult to capture in other surveys

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



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

<i>Intended destination of production</i>	<i>for own final use</i>		<i>for use by others</i>				
	<i>Forms of work</i>	Own-use production work		Employment (work for pay or profit)	Unpaid family work	Other work activities	Volunteer work
of services		of goods	in market and non-market units				in households producing goods services
<i>Relation to 2008 SNA</i>		Activities within the SNA production boundary					Activities inside the SNA General production boundary

Source: ILO (2013). *Resolution I: Resolution concerning statistics of work, employment and labour underutilization*, Geneva accessed at http://www.ilo.org/wcmsp5/groups/public/---dgreports/---stat/documents/normativeinstrument/wcms_230304.pdf

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

Ghana



Table 8.1: Average time spent on SNA activities, population aged 10 years and older

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

Source: Ghana Statistical Service , 2012. *Ghana time-use survey 2009: How Ghanaian women and men spend their time: Main report*. www.statsghana.gov.gh/docfiles/publications/Ghana_time_Use_Report%202012_16-12-13.pdf

Ethiopia



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

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

Source: Central Statistical Agency, 2014. *Ethiopia time-use survey 2013: How women and men spend their time: Main report*. www.timeuse.org/sites/ctur/files/public/ctur_report/9414/ethiopian_time_use_survey_report_2014.pdf

With whom



ICATUS 2016

With whom

- 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



- 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”.



Activities that are easily confused

Employment
(for pay or profit)

Unpaid work

Personal

Employment in corporations, government and non-profit institutions (MD 1 – D 11)	Employment in household enterprises (MD 1 – D 12-13)	Unpaid for own final use (MD 2-4)	Unpaid volunteer, trainee and other unpaid work (MD 5)	Personal (MD 6-9)	Other
110 Employment in corporations, government and non-profit institutions	121 Growing of crops for the market in household enterprises	211 Growing crops and kitchen gardening, for own final use	515 Unpaid volunteer unpaid help in enterprises owned by other households	822 Hobbies	
	122 Raising animals for the market in household enterprises	212 Farming of animals and production of animal products, for own final use			36 Pet care
		213 Hunting, trapping and production of animal skins, for own final use			
	123 Forestry and logging for the market in household enterprises	214 Forestry and logging, for own final use			241 Gathering firewood and other natural products used as fuel for own final use
		215 Gathering wild products, for own final use			241 Gathering firewood and other natural products used as fuel for own final use

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

Draft ICATUS 1997	Trial ICATUS 2005	ICATUS 2016
<ol style="list-style-type: none"> 1. Employment for establishments 2. Primary production activities (not for establishments) 3. Services for income and other production of goods (not for establishments) 	<ol style="list-style-type: none"> 1. Work for corporations/quasi-corporations, non-profit institutions and government (formal sector work) 2. Work for household in primary production activities 3. Work for household in non-primary production activities 4. Work for household in construction activities 5. Work for household providing services for income 	<ol style="list-style-type: none"> 1. Employment and related activities 2. Production of goods for own final use
<ol style="list-style-type: none"> 4. Household maintenance, management and shopping for own household 	<ol style="list-style-type: none"> 6. Providing unpaid domestic services for own final use within household 	<ol style="list-style-type: none"> 3. Provision of services for own final use
<ol style="list-style-type: none"> 5. Care for children, the sick, elderly and disabled for own household 	<ol style="list-style-type: none"> 7. Providing unpaid caregiving services to household members 	<ol style="list-style-type: none"> 4. Unpaid caregiving services for household members and related activities
<ol style="list-style-type: none"> 6. Community services and help to other households 	<ol style="list-style-type: none"> 8. Providing community services and help to other households 	<ol style="list-style-type: none"> 5. Unpaid volunteer, trainee and compulsory work



Comparison personal activities

Draft ICATUS 1997	Trial ICATUS 2005	ICATUS 2016
7. Learning	9. Learning	6. Learning
8. Social and cultural activities	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	7. Socializing and communication, community participation and religious practice 8. Culture, hobbies, mass-media and sports practices
9. Mass media use		
0. Personal care and self-maintenance	15. Personal care and maintenance	9. Self-care and maintenance