

Guide on Valuing Unpaid Household Service Work



Contents

List of Tables	ix
List of Figures.....	x
Acronyms / Abbreviations.....	xi
Chapter 1 Introduction, Overview and Main Conclusions	1
1.1 Why this Guide?	1
1.2 Importance of unpaid household service work.....	2
1.3 Overview of the Guide	3
1.3.1 Chapter 2: Concepts and definitions	3
1.3.2 Chapter 3: Methodological approaches.....	4
1.3.3 Chapter 4: The structure of household satellite accounts	5
1.3.4 Chapter 5: Implementation and measurement challenges.....	6
1.3.5 Chapter 6: Reporting	6
1.3.6 Chapter 7: Country-specific case studies	6
1.3.7 Chapter 8: Current and future research work.....	7
1.4 Main conclusions	8
1.5 Summary of recommendations	10
Annex 1.1: UNECE survey on national practices on valuing unpaid household service work.....	12
Chapter 2 Concepts and Definitions.....	13
2.1 Introduction	13
2.2 SNA production boundary and general production boundary.....	13
2.3 Defining own-use production work of services.....	14
2.4 What activities should be included?	17
2.5 Valuing own-use production work of services.....	18
2.5.1 Introduction	18
2.5.2 The input valuation approach.....	18
2.5.3 The output valuation approach.....	19
Annex 2.1: Background to Resolution I of the 19 th ICLS.....	21
Chapter 3 Methodological Approaches	22
3.1 Introduction	22
3.2 Data and coverage	22
3.3 Classification of activities to be measured	23
3.4 Valuation techniques — the input and output valuation approaches	24
3.4.1 The input approach.....	25
3.4.2 The output approach.....	31
3.4.3 Comparison between the output and input approaches.....	34
Chapter 4 The Household Satellite Account.....	37
4.1 Introduction to the household satellite account	37
4.2 Developing a household satellite account	37

4.2.1	A simplified satellite account for own-use production work of services.....	37
4.2.2	A Satellite Account for own-use production work of services with an Extended Production Boundary	46
4.2.3	Sequence of extended household accounts	52
4.2.4	Impact on national account variables.....	58
Annex 4.1:	Allocation of COICOP codes to intermediate and final consumption, and household capital	60
Annex 4.2:	Allocation of intermediate consumption to own-use production work of services activities.....	63
Annex 4.3:	Allocation of household capital to own-use production work of services activities.....	64
Annex 4.4:	Use table at purchasers' prices (excluding extension of the production boundary).....	65
Annex 4.5:	Use table at purchasers' prices (impact of extending the production boundary).....	71
Chapter 5	Implementation and Measurement Challenges.....	77
5.1	Introduction to the chapter.....	77
5.2	The measurement of inputs.....	77
5.2.1	Alternative sources for measuring labour input.....	77
5.2.2	Methodological choices in designing a survey to measure time use	78
5.2.3	Summary assessment of different approaches	79
5.2.4	Classification of activities to be measured.....	81
Annex 5.1:	Comparison of existing and recommended international activity classifications for measuring time use (mapped to ICATUS 2016).....	83
Chapter 6	Reporting.....	86
6.1	Indicators of own-use production work of services for policy setting	86
6.1.1	General indicators	86
6.1.2	Specific indicators.....	91
6.2	Periodicity.....	92
6.3	How should measures of own-use production work of services be broken down?....	92
Chapter 7	Case Studies	94
7.1	Introduction to the chapter.....	94
7.2	Measuring and valuing unpaid household service work – Canada's experience	94
7.2.1	Measuring own-use production work of services using a time-use survey ..	94
7.2.2	Comparing valuations based on the opportunity cost and replacement costs approach	96
7.3	Measuring and valuing unpaid household service work – Australia's experience....	98
7.3.1	Measuring own-use production work of services using the replacement hybrid approach.....	98
7.3.2	Results	99
7.4	How does on-use production work of services affect measured income inequality? – United States	100
7.4.1	Introduction	100
7.4.2	Data	101

7.4.3	Valuing own-use production work of services using the replacement generalist and specialist approach.....	101
7.4.4	Estimating time spent in own-use production work of services using a regression model	101
7.4.5	Results	102
7.4.6	Conclusion	103
7.5	Implementation of the household satellite account of Mexico.....	103
7.5.1	Distribution of time spent on own-use production work of services by individual characteristics, and by each activity	103
7.5.2	Comparing valuations of own-use production work of services using the replacement generalist and hybrid approaches.	105
7.6	Republic of Moldova's experience in estimating the value of unpaid household service work.....	107
7.6.1	Measuring own-use production work of services using a time use survey.	107
7.6.2	Valuing own-use production work of services using a replacement specialist and generalist approach.....	108
7.6.3	Conclusions	112
7.7	The relationship between household disposable income and unpaid household service work - Finland	112
7.8	The valuing method of Switzerland: Empirical example with different assumptions on wages	114
7.8.1	Empirical example with different wages	116
7.8.2	Conclusions	117
7.9	Using an output approach to measuring own-use production work of services – United Kingdom's experience	118
7.9.1	Introduction.....	118
7.9.2	Measuring the gross value added of informal childcare	118
7.9.3	Measuring the gross value added of household nutrition services.....	123
7.9.4	Conclusions	126
7.10	Measuring consumption of fixed capital for own-use production work of services production in Italy, 2002 and 2008.....	126
7.11	Examples of continuous time-use surveys – United States	127
7.12	Example of using time-use surveys - a light diary / full diary – Finland	128
7.12.1	Introduction.....	128
7.12.2	Data	128
7.12.3	Non-response	130
7.12.4	Classification of activities	130
7.12.5	Results	131
7.12.6	Conclusions	132
7.13	An example of using a Labour Force Survey module to measure labour input to unpaid household service work – Switzerland	133
7.13.1	Introduction.....	133
7.13.2	Implementation of unpaid household service work module into Labour Force Survey	133
7.13.3	Surveys.....	134
7.13.4	Key results from the Labour Force Survey - module 2013.....	136
7.13.5	Conclusions	140

7.14	Connecting a household satellite account to a health satellite account - Mexico....	141
Chapter 8	Current and Future Research Areas.....	145
8.1	Simultaneous activities	145
8.1.1	What are simultaneous activities?.....	145
8.1.2	Why is multitasking important?.....	145
8.1.3	How are simultaneous activities treated in time-use surveys?.....	146
8.1.4	Measuring time spent in simultaneous activities	147
8.1.5	Valuing time spent in simultaneous activities.....	149
8.1.6	Conclusion	150
8.2	Volunteer work.....	150
Glossary	152
References	154