NTA Time Use and Gender Workshop

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**Objectives**

By the end of the week, I hope that teams can produce a first draft of production and consumption age and gender profiles for both market-based NTA and time-based household production accounts. We will discuss how to compute the other profiles (transfers and asset-based), but we will most likely not have time to begin those calculations. We will begin with the time-based accounts, so that in the case that time falls short, we have had a chance to introduce the newer material on time use.

**Materials to Bring**

If possible, participants should bring their own laptops with all of the statistical software they usually use to calculate National Transfer Accounts. This is the easiest way for participants to make progress, as we are all most familiar with our own machines. If this is not possible, there will be computers for participants to use.

During the training, I’ll be sharing code fragments written for the Stata statistical computing package that we often use in NTA. I can also help participants who use R, SPSS, or SAS.

**Data to Bring**

NTA is a very data-demanding research project, and there are more demands when time use is included. Please bring the following data with you on your laptop, or on a flash drive or disks, or have some way to access the data remotely:

1. The data you use to calculate regular single-sex NTA (so we can work on implementing two-sex NTA)
2. Population counts by age and sex, for the same year as your regular NTA data
3. The time use survey you intend to use, for the same year as your regular NTA data (or as close as possible). If the time use survey you plan to use has not yet been released, please bring data for an older study if available. Or, if you do not yet have access to the microdata , it would still be helpful if you bring the survey documentation (user’s guides, codebooks, etc.). If you have no time use data at all, I can share data from the United States so that you can work on the exercises. **Please see the questionnaire at the end of this document about your time use survey and bring the answers with you to the training. You do not need microdata to answer the questions, just survey documentation.**
4. A complete list of all the possible activities accounted for in your time use survey, with their coding scheme
5. Wage data, for the same year as your time use survey and regular NTA (this can be either published tables of average hourly wages for different occupations or a labor force survey with occupation information)

**Daily Schedule**

I would like to keep to full days of training for the five days we will be together, following these times each day:

9:00am – 10:30am Lecture Session 1

10:30am – 10:45am Break

10:45am – 12:30pm Lab Session 1

12:30pm – 2:00pm Lunch

2:00pm – 3:30pm Lecture Session 2

3:30pm – 3:45pm Break

3:45pm – 5:30pm Lab Session 2

I will be giving lectures based on powerpoint slides during the lecture sessions and will post those slides on the NTA wiki page for the Time Use and Gender Working Group. At the end of each lecture, we will go over a list of specific tasks to completed during the lab session to follow. I will be present for the lab sessions to help you make progress on the assigned tasks.

**Topic Schedule for the Week**

The tentative schedule appears below, although there are few enough participants that we can easily make adjustments if we need more or less time with some topics.

Monday Session 1 Welcome and time use (TU) data orientation

Monday Session 2 Classifying household production activities in the TU survey

Tuesday Session 1 Imputing wages to activities

Tuesday Session 2 Calculating the TU production age-sex profiles

Wednesday Session 1 Finalizing results, review, sensitivity testing

Wednesday Session 2 Calculating the TU consumption profiles

Thursday Session 1 Estimating market-based NTA labor income by sex

Thursday Session 2 Estimating market-based NTA consumption by sex

Friday Session 1 Brief overview of market- and time-based transfers by sex

Friday Session 2 Sharing results and evaluation

**Time Use Survey Questionnaire**

Please find the answers to the questions below about the time use survey you will be using and bring them with you to our first meeting. We will be going over the answers to help us get familiar with the time use data and so that you have some basic understanding of your survey before we start the data analysis. Most of the answers should be available in the documentation that comes with the survey.

1. When is the year of your survey? During what months were the actual interviews conducted?
2. How many respondents are there in the survey?
3. Is it nationally representative, or just for a sub-region or group in the country?
4. What time period are respondents asked to account for? A day? A week?
5. How many time respondents per household? Do you know the age and sex of others in the respondents’ households, or just the respondent?
6. What is the name of the survey weight variable you will use to generate accurate age- and sex-specific means?
7. Can respondents indicate multiple activities for a single unit of time, or do they have to designate just one activity at a time?
8. Do the hours in a day add up to 24 for each respondent, or is it possible for people to answer so that they account for more or less than 24 hours in a day?
9. For childcare activity variables, is there an age range specified for the children? Similarly, is there an age range given for elder care or care for other adults?