# Introducing Gender and Time Use into NTA Turkey

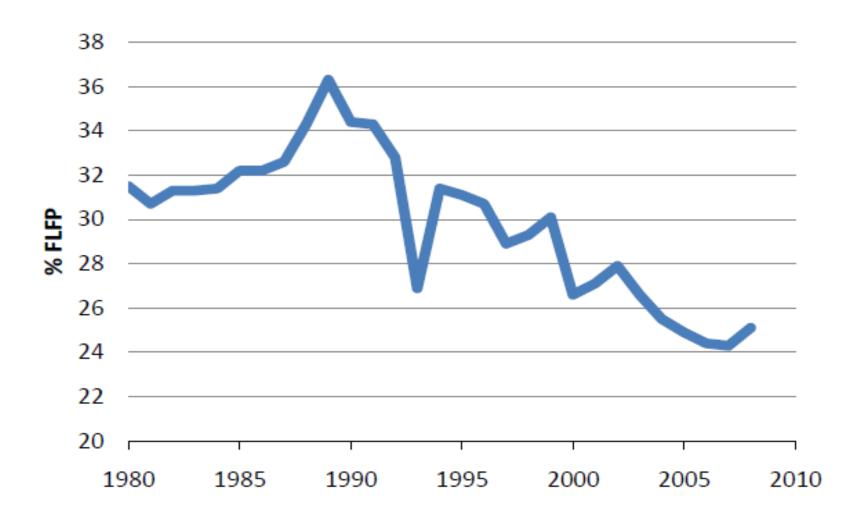
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11th Global Meeting of the NTA Network Saly, Senegal

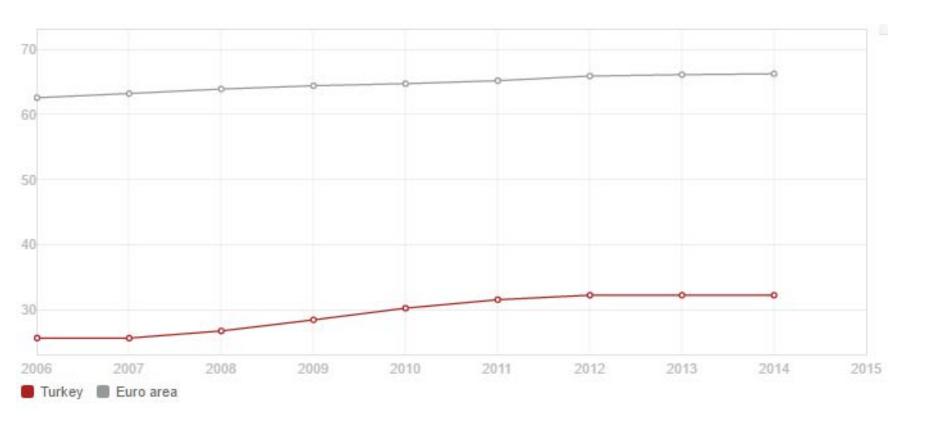
#### Motivation

- How has the female labor-force participation rate (FLFR) changed over the years?
- Has female part-time employment increased as a percentage of female total employment in Turkey?
- What is income by gender?
- How does female and male consumption differ?
- How does female and male labor income differ?

#### Female Labor Force Participation Rate



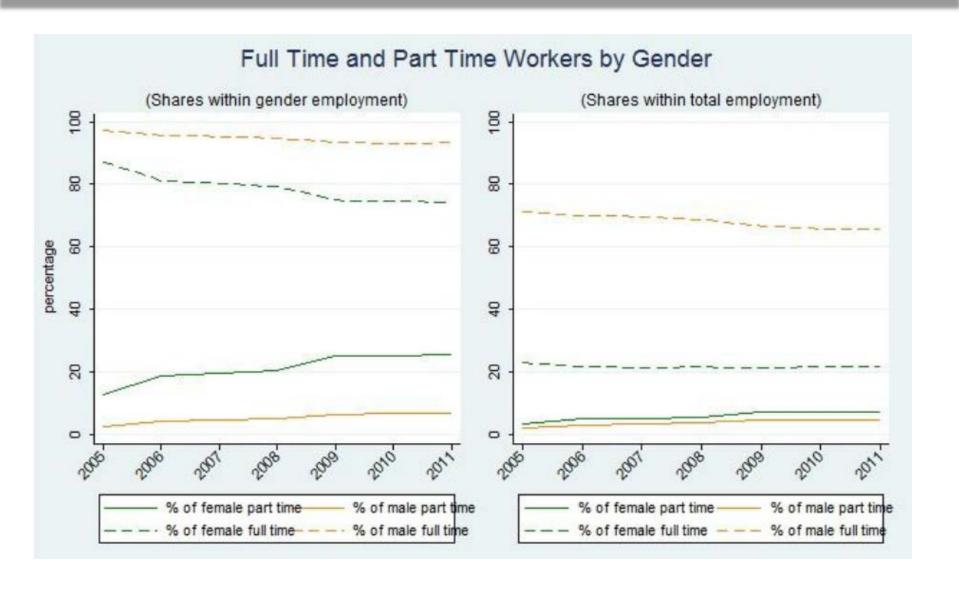
#### Female Labor Force Participation Rate



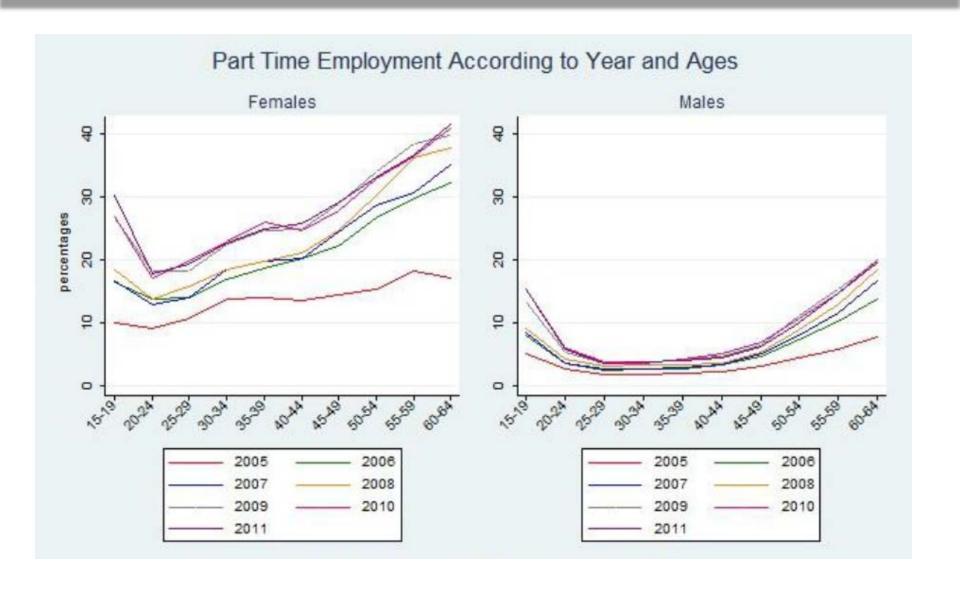
#### Main Determinants of FLFP in Turkey

- Social and cultural factors
- Education
- Urbanization
- Marital status
- The economic cycle

#### Women Prefer Part-time Employment



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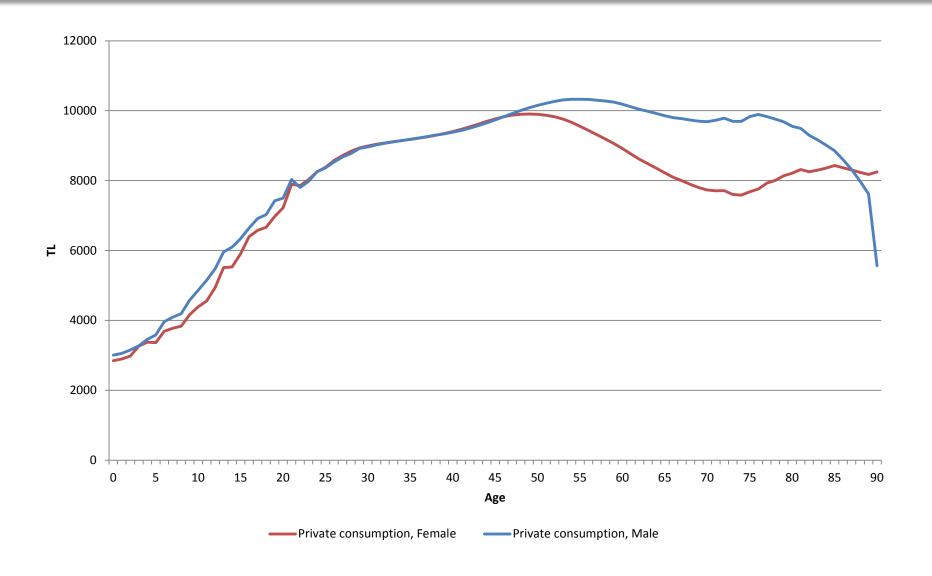
#### Data

- Income and Expenditure Survey; 2006: 8,640 households, 30,000 individuals
- Time-Use Survey, 2006: 5,040 households, 11,815 individuals aged 15 years and over were interviewed and were asked to complete two diaries—one for a weekday and one for a weekend day—by recording all of their activities during 24 hours in ten-minute slots

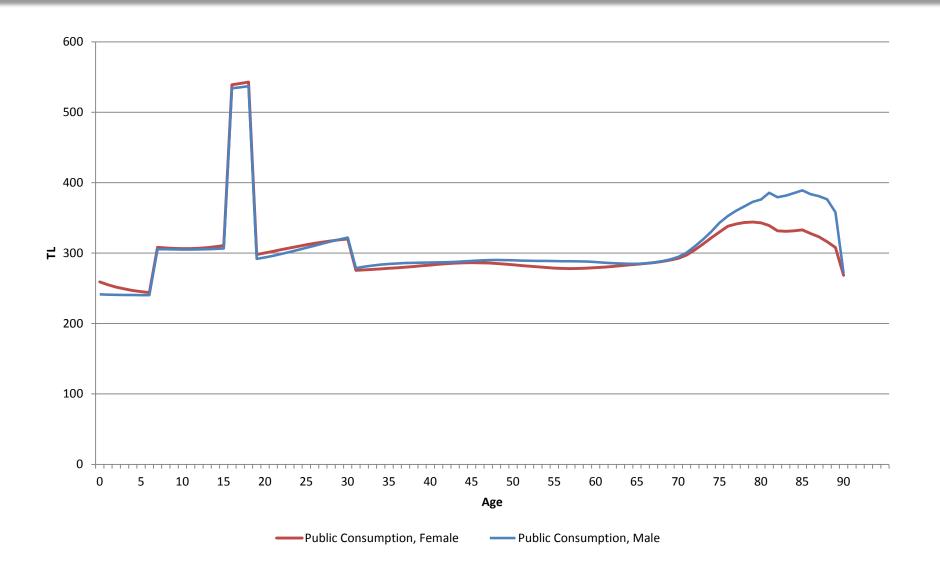
### Labor Income by Gender



#### Private Consumption by Gender



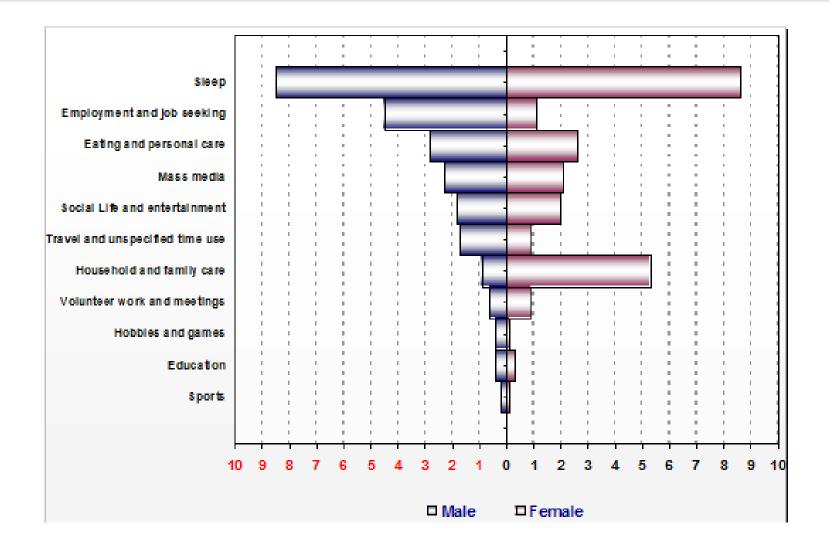
### Public Consumption by Gender



### Lifecycle Deficit by Gender



### First Findings of Time-Use Survey: Average Time Spend on Activity by Gender (Hour)



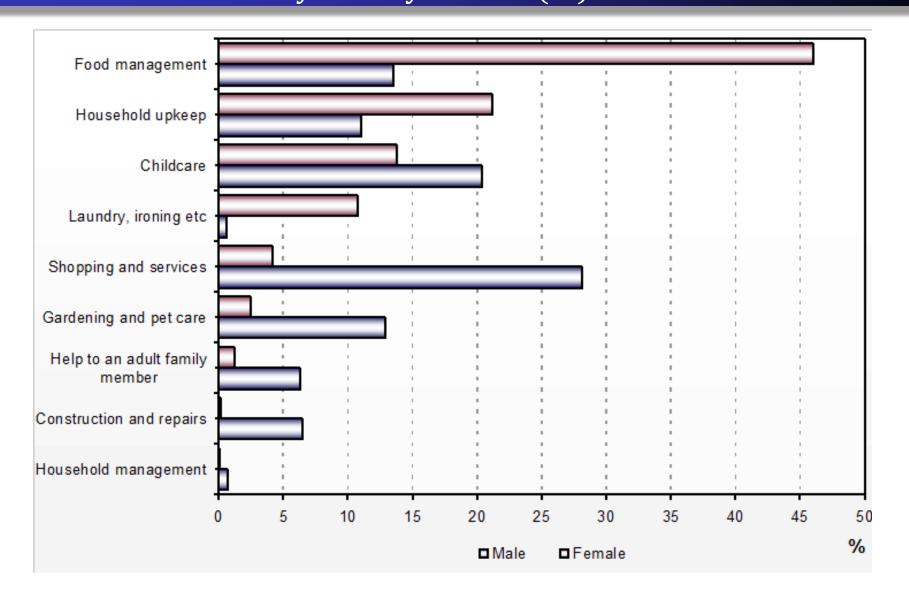
# First Findings of Time-Use Survey: Average Time Used on Activity by Type of Activity and Gender and Employment Status (Hour)

| A of wide                       |       | Total |        |       | Working |        | Not working |       |        |  |
|---------------------------------|-------|-------|--------|-------|---------|--------|-------------|-------|--------|--|
| Activity                        | Total | Male  | Female | Total | Male    | Female | Total       | Male  | Female |  |
| E ating and personal care       | 02:42 | 02:45 | 02:38  | 02:40 | 02:42   | 02:34  | 02:43       | 02:52 | 02:40  |  |
| Employment and job seeking      | 02:47 | 04:27 | 01:08  | 05:39 | 06:08   | 04:19  | 00:02       | 00:07 | 00:00  |  |
| Study (education)               | 00:22 | 00:24 | 00:20  | 00:05 | 00:05   | 00:06  | 00:38       | 01:14 | 00:25  |  |
| Household and family care       | 03:05 | 00:51 | 05:17  | 01:37 | 00:43   | 04:03  | 04:29       | 01:12 | 05:43  |  |
| Volunteer work and meetings     | 00:46 | 00:37 | 00:54  | 00:30 | 00:29   | 00:31  | 01:00       | 00:57 | 01:02  |  |
| Social life and entertainment   | 01:54 | 01:50 | 01:57  | 01:32 | 01:33   | 01:30  | 02:14       | 02:35 | 02:07  |  |
| Sports                          | 00:07 | 00:10 | 00:04  | 00:05 | 00:06   | 00:02  | 00:08       | 00:19 | 00:04  |  |
| Hobbies and games               | 00:15 | 00:25 | 00:05  | 00:15 | 00:19   | 00:04  | 00:14       | 00:38 | 00:06  |  |
| Mass media                      | 02:14 | 02:20 | 02:07  | 01:53 | 02:00   | 01:34  | 02:33       | 03:12 | 02:18  |  |
| Travel and unspecified time use | 01:18 | 01:43 | 00:55  | 01:35 | 01:45   | 01:09  | 01:02       | 01:36 | 00:49  |  |
| Sleep                           | 08:32 | 08:27 | 08:36  | 08:08 | 08:08   | 08:07  | 08:55       | 09:18 | 08:46  |  |
| Total                           | 24:00 | 24:00 | 24:00  | 24:00 | 24:00   | 24:00  | 24:00       | 24:00 | 24:00  |  |

## First Findings of Time-Use Survey: Average Time Used on Activity by Type of Activity, Gender, and Educational Status (Hour)

| Activity                        | İlliterate |       |        | Primary school |       |        | Secondary education ,<br>junior high school and<br>vocational school at<br>junior high school level |       |        | High school (lycee) and<br>vocational or technical<br>high school |       |        | Higher education,<br>faculty, masterd and<br>doctorate |       |        |
|---------------------------------|------------|-------|--------|----------------|-------|--------|---|-------|--------|---|-------|--------|--|-------|--------|
|                                 | Total      | Male  | Female | Total          | Male  | Female | Total   | Male  | Female | Total   | Male  | Female | Total  | Male  | Female |
| Eating and personal care        | 02:43      | 02:53 | 02:40  | 02:42          | 02:48 | 02:38  | 02:42   | 02:45 | 02:38  | 02:39   | 02:40 | 02:39  | 02:41  | 02:42 | 02:40  |
| Employment and job seeking      | 01:14      | 02:29 | 00:50  | 02:58          | 04:58 | 01:02  | 02:47   | 03:60 | 01:05  | 03:30   | 04:58 | 01:24  | 03:39  | 04:16 | 02:37  |
| Study (education)               | 00:04      | 00:11 | 00:02  | 00:01          | 00:01 | 00:01  | 01:07   | 01:04 | 01:12  | 00:38   | 00:34 | 00:44  | 00:17  | 00:12 | 00:24  |
| Household and family care       | 04:10      | 01:01 | 05:12  | 03:34          | 00:53 | 08:11  | 02:18   | 00:43 | 04:32  | 02:17   | 00:46 | 04:31  | 02:08  | 01:05 | 03:52  |
| Volunteer work and meetings     | 01:30      | 01:21 | 01:32  | 00:50          | 00:45 | 00:55  | 00:25   | 00:27 | 00:24  | 00:24   | 00:22 | 00:25  | 00:25  | 00:28 | 00:21  |
| Social life and entertainment   | 02:25      | 02:43 | 02:19  | 01:57          | 01:57 | 01:58  | 01:44   | 01:44 | 01:44  | 01:40   | 01:36 | 01:46  | 01:28  | 01:26 | 01:30  |
| Sports                          | 00:03      | 00:07 | 00:01  | 00:04          | 00:08 | 00:03  | 00:09   | 00:13 | 00:04  | 00:09   | 00:11 | 00:06  | 00:13  | 00:16 | 00:08  |
| Hobbies and games               | 00:03      | 00:13 | 00:00  | 00:10          | 00:18 | 00:02  | 00:20   | 00:28 | 00:09  | 00:24   | 00:31 | 00:14  | 00:30  | 00:38 | 00:18  |
| Mass media                      | 02:06      | 02:31 | 01:58  | 02:08          | 02:16 | 02:01  | 02:18   | 02:18 | 02:19  | 02:17   | 02:15 | 02:21  | 02:34  | 02:46 | 02:14  |
| Travel and unspecified time use | 00:54      | 01:30 | 00:43  | 01:18          | 01:45 | 00:52  | 01:26   | 01:41 | 01:04  | 01:26   | 01:43 | 01:01  | 01:37  | 01:46 | 01:22  |
| Sleep                           | 08:47      | 09:02 | 08:42  | 08:18          | 08:15 | 08:21  | 08:42   | 08:38 | 08:49  | 08:34   | 08:25 | 08:48  | 08:28  | 08:24 | 08:34  |
| Total                           | 24:00      | 24:00 | 24:00  | 24:00          | 24:00 | 24:00  | 24:00   | 24:00 | 24:00  | 24:00   | 24:00 | 24:00  | 24:00  | 24:00 | 24:00  |

### First Findings of Time-Use Survey: Distribution of Time Spent on household and Family Care by Gender (%)



#### How Is Time Spent in Europe?

| Activity                  | Turkey |        | Belgium |        | Germany |        | France |        | Hungary |        | Finland |        | Sweden |        | United<br>Kingdom |        | No    | rway   |
|---------------------------|--------|--------|---------|--------|---------|--------|--------|--------|---------|--------|---------|--------|--------|--------|-------------------|--------|-------|--------|
|                           | Male   | Female | Male    | Female | Male    | Female | Male   | Female | Male    | Female | Male    | Female | Male   | Female | Male              | Female | Male  | Female |
| Free time activities      | 04:29  | 03:43  | 0423    | 03:51  | 05:11   | 04:49  | 03:51  | 03:08  | 04:37   | 03:43  | 05:06   | 04:38  | 04:51  | 04:27  | 04:41             | 04:21  | 05:37 | 05:22  |
| Eating and personal care  | 02:42  | 02:34  | 02:35   | 02:36  | 0221    | 02:31  | 02:58  | 02:57  | 02:30   | 02:21  | 01:55   | 02:02  | 02:05  | 02:23  | 01:55             | 02:07  | 01:58 | 02:02  |
| Sleep                     | 08:08  | 08:07  | 08:01   | 08:16  | 08:00   | 08:11  | 08:24  | 08:38  | 08:08   | 08:18  | 08:12   | 08:22  | 07:52  | 08:05  | 08:11             | 08:25  | 07:53 | 08:07  |
| Travel                    | 01:45  | 01:09  | 01:43   | 01:30  | 01:31   | 01:27  | 01:10  | 01:05  | 01:10   | 01:02  | 01:17   | 01:16  | 01:32  | 01:28  | 01:36             | 01:33  | 01:23 | 01:17  |
| Household and family care | 00:43  | 04:03  | 02:15   | 03:52  | 01:52   | 03:11  | 01:53  | 03:40  | 02:09   | 03:54  | 01:59   | 03:21  | 02:23  | 03:32  | 01:54             | 03:28  | 02:12 | 03:26  |
| Employment and study      | 06:13  | 04:25  | 05:03   | 03:53  | 05:05   | 03:52  | 05:44  | 04:32  | 05:25   | 04:43  | 05:32   | 04:20  | 05:17  | 04:05  | 05:42             | 04:06  | 04:56 | 03:46  |
| Total                     | 24:00  | 24:00  | 24:00   | 24:00  | 24:00   | 24:00  | 24:00  | 24:00  | 24:00   | 24:00  | 24:00   | 24:00  | 24:00  | 24:00  | 24:00             | 24:00  | 24:00 | 24:00  |

<sup>\*.</sup> Based on activities of persons aged 15 years and over for Turkey while persons aged 20-74 for other countries. Source: EUROSTAT News Release, 93/2004 - 27 July 2004

### Thank you!