Government of India
Household Survey Division
National Statistical Office
164, Gopal Lal Thakur Road, Kolkata-108

Time Use Survey (TUS), January 2024-December 2024
Final Multiplier-posted unit-level data for Schedule- 10.6 of Time Use Survey

A) Unit level data for Sch. 10.6 [Time Use Survey]

There are 2 data files one for Household level and one for Person level. Details of data layout is given in **Data_Layout_TUS_2024.xlsx.**

File names	No. of Records	Record Length	Bytes	Remark
TUS106HH.TXT	1,39,489	132+1	18,691,526	Household wise record
TUS106PER.TXT	1,02,11,478	104+1	1,082,416,668	Person wise record

B) <u>Note for users</u>:

1. These level wise data files are text data

2. The Layout of data is given in the MS Excel-file Data_Layout_TUS_2024.xlsx.

3. In the value fields (in Rs. or quantity etc.) only the numeric figure is given in datafile. The decimal point is to be assumed after looking at the type of that field in the printed schedule, if any.

4. For generating any estimate, one has to extract relevant portion of the data, and aggregate after applying the weights.

5. For each file following values are calculated and kept at the end of each record: -

NSC (3 bytes) = number of first stage units surveyed within a stratum x substratum for each state x sector

MULT (10 bytes) = weight or multiplier (in two places of decimal) within a stratum x

7. Common Primary Key for identification of household wise record

FSU Serial No.	4(5) (i.e., offset = 4th byte, length = 5 bytes)
Sample Household No.	33(2)

Common Primary Key for identification of persons

FSU Serial No.	4(5) (i.e., offset = 4th byte, length = 5 bytes)
Sample Household No.	33(2)
Person serial no.	35(3)

8. List of Documents

a) General Information	README_TUS_2024.pdf
b) Text Data Layout	Data_Layout_TUS_2024.xlsx
c)Codes for blocks of schedule 10.6	CODEs for Blocks of Sch 10.6.xlsx
d) Instructions to Field Staffs	Instructions_TUS_2024.pdf
e) Schedules0.0T/10.6	Vol_II TUS_2024.pdf
f) Sampling Design and Estimation procedure	SampleDesign_EstimationProcedure_TUS_2024.pdf
g) Note to the data user	Note_for_data_user

9. Please note that documents mentioned in (a) to (g) are given within the “Common” folder and 2 data files are given in “Data” folder.
10. State codes along with State Names are also made available in the data lay out file ‘Data_Layout_TUS_2024.xlsx’.
11. Codes for different items and columns used in Schedule 10.6 are given in the file ‘CODEs for Blocks of Sch 10.6.xlsx’.
12. First 2 digits of the field ‘NSS-Region’ will give the State/UT code.

Definition of some indicators of time use survey and determination of time spent in different activities

Definition of key indicator that can be derived from Time Use Survey	
(a) Participation rate	Participation rate in a day in any activity is defined as the percentage of persons performing that activity during the 24 hours of the reference period for which information on time use was collected in the survey. $$Participation\ rate \in activity\ 'A' = \frac{number\ of\ persons\ participating \in activity\ 'A'}{total\ number\ of\ persons}$$
(b) Average time spent in a day per participant	Average time spent in a day for any activity can be calculated by considering those who participated in the activity. This provides estimates of average time spent in a day in an activity by those persons who are participating in that activity. Estimates of average time in a day in different activities derived by considering only the participants for those activities will not add up to 1440 minutes of the day. $$Average\ time\ spent\ per\ participant \in activity\ 'A' = \frac{total\ time\ spent\ by\ the\ participants \in activity\ 'A'}{total\ number\ of\ persons\ participating \in activity\ 'A'}$$
(c) Average time spent in a day per person	Average time spent in a day for any activity can be calculated by considering all the persons of a specific category (say, rural male, urban male of age 60 years and above, persons of age 6 years and above, etc.) irrespective of whether they performed the activities or not. By this approach, distribution of total time of 1440 minutes of a day per person belonging to that specific category in different activities can be derived. $$Average\ time\ spent\ per\ person \in an\ activity(say, activity\ 'A') = \frac{total\ time\ spent\ by\ the\ participants \in activity\ 'A'}{total\ number\ of\ persons}$$
Determination of activity performed in a day and time spent in a day in that activity to derive various estimates	
(a) Considering **only the major activity** in a time slot	While considering only the major activity in a time slot, the entire duration of the time in that time slot may be allotted to the major activity and the major activity may be considered as the activity performed in that time slot.
(b) Considering **all the activities** in a time slot	While considering all the activities performed in a time slot, the entire duration of time in a time slot may be assigned among the activities in a time slot in the following ways: • If in a time slot only one activity was performed, the entire duration of that time slot may be allotted against that activity. • If in a time slot more than one activity was performed, the entire duration of that time slot may be allotted equally among the activities performed in that time slot.