

Government of India
Data Processing Division
National Sample Survey Office
164, Gopal Lal Thakur Road, Kolkata-108

Periodic Labour Force Survey (PLFS), July 2023-June 2024
Final Multiplier-posted Unit-Level Data for Schedule- 10.4

A rider for users of unit level data of PLFS

The objective of PLFS is to estimate the employment and unemployment indicators. In PLFS information is also collected on classificatory variables like age, gender, household type, religion, social group, household's usual monthly consumer expenditure, etc. The unit level data of PLFS should not be specifically used for studying of any variable other than the employment and unemployment indicators.

A) Unit level data for Sch. 10.4 [Periodic Labour Force Survey] for July 2023-June 2024.

There are 4 data files (2 files for Household level and 2 files for Persons level) for [each of 4](#) Quarters (July 2023-June 2024). Details of data layout is given in **Data_LayoutPLFS_2023-24.xlsx**.

File names	No. of Records	Record Length	Remark
HHV1.txt	101920	126+1	Household wise record for visit-1
HHRV.txt	132844	86+1	Household wise record for visit-2,3,4
PERV1.txt	418159	330+1	Person wise record for visit-1
PERRV.txt	504440	275+1	Person wise record for visit-2,3,4

HHV1.txt and PERV1.txt contain data pertaining to Visit-1 of Quarter – 1, 2, 3 and 4. HHRV.txt and PERRV.txt contain data pertaining to Visit - 2, 3, 4 of the same quarters.

Following combinations of quarter and visit of Panel III and Panel IV may be found in the data:

Quarter	First Visit Data	Revisit Data
Q1	Q1(July 2023-September 2023)	Q6, Q7, Q8 of Panel III
Q2	Q2(October 2023-December 2023)	Q7, Q8 of Panel III and Q1 of Panel IV
Q3	Q3(January 2024-March 2024)	Q8 of Panel III and Q1, Q2 of Panel IV
Q4	Q4(April 2024-June 2024)	Q1, Q2, Q3 – Panel IV

B) Note for users:

1. For each Quarter, following values are calculated and kept at the end of each record: -

NSS (3 bytes) = number of first stage units surveyed within [sector x state x stratum x substratum](#) for the sub-sample in a Second Stage stratum

NSC (3 bytes) = number of first stage units surveyed within a [sector x state x stratum x substratum](#) for combined sub-samples in a Second Stage stratum

MULT (10 bytes) = weight or multiplier (in two places of decimal) calculated at the level of Second Stage Stratum (SSS)

In the value fields (in Rs.) the numeric figure is given in whole number including negative values wherever applicable. All records of an **hg/sb x second stage stratum** of a particular first stage unit (FSU) will have same weight.

2. For generating any estimate, one has to extract relevant portion of the data, and aggregate after applying the weights (i.e. multipliers).

3. Use of Sub-sample wise weights (Quarter wise multipliers)

For generating Sub-sample wise estimates for a quarter, FSUs of only one sub-sample are to be considered. **Sub-sample code** is available in the data file at **24th byte** (refer to layout of data i.e., **Data_LayoutPLFS_2023-24.xlsx**).

For generating sub-sample wise estimate, weight may be applied as follows:

$$\text{Final Weight} = \text{MULT} / 100$$

For generating combined estimate (taking both the subsamples together), weights may be applied as follows:

$$\begin{aligned} \text{Final weight} &= \text{MULT} / 100 \quad \text{if NSS=NSC} \\ &= \text{MULT} / 200 \quad \text{otherwise.} \end{aligned}$$

Generation of combined estimate for the entire Year: For annual estimate, MULT may be divided by NO_QTR (count of contributing sector x state x stratum x substratum in 4 quarters).

4. Common Primary Key for identification of household wise record:

Quarter	=8(2) (i.e., offset 8 th byte, length 2 bytes)
Visit	=10(2)
SECTOR	= 12(1)
FSU Serial No.	= 29(5)
Hamlet group/sub-block no.	= 34(1)
Second Stage Stratum No.	= 35(1)
Sample Household No.	= 36(2)

5. Common Primary Key for identification of person wise record:

Quarter	=8(2) (i.e., offset 8 th byte, length 2 bytes)
Visit	=10(2)
SECTOR	= 12(1)
FSU Serial No.	= 29(5)
Hamlet group/sub-block no.	= 34(1)
Second Stage Stratum No.	= 35(1)
Sample Household No.	= 36(2)
Person Serial No.	= 38(2)

6. State codes along with State Names are also made available in “Data_LayoutPLFS_2023-24.xlsx”.
7. To generate unit level data from text format to CSV, the application “**txt2csv**” may be executed/ run by double-clicking on the application. The **HHV1.TXT, HHRV.TXT, PERV1.TXT & PERRV.TXT, Data_LayoutPLFS_2023-24.xlsx** and the application **txt2csv** are to be kept in a single folder after downloading from the MoSPI website.
8. To use this application successfully, the name of the above mentioned files or any of the sheets of the **Data_LayoutPLFS_2023-24.xlsx** must **not be altered/ renamed**.
