

Government of India.
Data Processing Division.
National Sample Survey Office.
164, Gopal Lal Thakur Road, Kolkata-700108.
Phone No. 2577-1128.

NSS HCES (Household Consumer Expenditure Survey:2022-23)
Final Multiplier-posted unit-level data

A) Data for Sch. HCES(*Household Consumer Expenditure Survey*).

There are 15 data files belonging to 15 different levels as per layout of **Layout_HCES 2022-23.xls**

| File names | Record length | No. of Records | No. of Bytes |
|-------------------|----------------------|-----------------------|---------------------|
| hces22_lvl_01.txt | 58 | 261746 | 1,57,04,760 |
| hces22_lvl_02.txt | 84 | 1127039 | 9,69,25,354 |
| hces22_lvl_03.txt | 107 | 261746 | 2,85,30,314 |
| hces22_lvl_04.txt | 78 | 261746 | 2,09,39,680 |
| hces22_lvl_05.txt | 96 | 12056839 | 1,18,15,70,222 |
| hces22_lvl_06.txt | 78 | 1637576 | 13,10,06,080 |
| hces22_lvl_07.txt | 108 | 261746 | 2,87,92,060 |
| hces22_lvl_08.txt | 96 | 1410652 | 13,82,43,896 |
| hces22_lvl_09.txt | 67 | 7942402 | 54,80,25,738 |
| hces22_lvl_10.txt | 96 | 762523 | 7,47,27,254 |
| hces22_lvl_11.txt | 112 | 261746 | 2,98,39,044 |
| hces22_lvl_12.txt | 77 | 4410298 | 34,84,13,542 |
| hces22_lvl_13.txt | 98 | 4500902 | 45,00,90,200 |
| hces22_lvl_14.txt | 74 | 8075528 | 61,37,40,128 |
| hces22_lvl_15.txt | 83 | 1046984 | 8,89,93,640 |

All the level wise data files are in windows/dos format and record length including new-line character (excluding carriage return character).

B) Note for users:

1. These level wise data files are text data with different record-length (including new-line character). First 38 bytes are common identification for all levels and are to be read as given in level 01. Last 15 bytes are weight or Multiplier within a substratum.
2. The Layout of data is given in the Excel-file Layout_HCES 2022-23.xls.
3. Data of **HCQ (*Household Characteristic Questionnaire*)** is available from **level 01 to 03**. Data of **FDQ (*Food Items Questionnaire*)** is available from **level 04 to 06**. Data of **CSQ (*Consumables & Services Questionnaire*)** is available from **level 07 to 10** and data of **DGQ (*Durable Items Questionnaire*)** is

available from **level 11 to 13**. Value figs. of all section wise subtotals are available in **level 14**. Selected fields such as canvass time, household size etc. for all 3 visits is available in **level 15**.

4. The State code can be derived from the field '**NSS-Region**' (first 2 digits) in the Excel-file '**Layout_HCES 2022-23.xls**'. State code/name used to generate tables/reports is based on alphabetical state codes and the information/mapping is available in Tabulation_state_code.xlsx file.
5. For generating any estimate, one has to extract relevant portion of the data, and aggregate after applying the weights or multiplier.
6. Weights (or multipliers) are given at the end of each record (15 bytes).
7. All records of a second stage stratum within a FSU, will have same weight figure/multiplier;
Final Weight = MLT/100
8. Common Primary Key for identification of a household level record:

| <u>Field Name</u> | <u>Byte position</u> | | <u>Total length</u> (in bytes) |
|-----------------------------|----------------------|------------|-----------------------------------|
| | <u>Start</u> | <u>End</u> | |
| FSU Serial Number | 9 | 13 | 5 |
| Second Stage Stratum Number | 36 | 36 | 1 |
| Sample Household Number | 37 | 38 | 2 |

- In addition to above primary key for identification of member level record, the Person Srl. No. (Level-02 of Sec.-3 @ col.1) must be taken into consideration.
- In addition to above primary key for identification of item level record, Item Serial No. (Level-05/06/08/09/0/12/13/14 of Sec.-5/6/8/9/10/12/13/14 @ col.2) must be taken into consideration.

9. List of Documents

| List of documents | File Name |
|---|---|
| Text Data Layout | Layout_HCES 2022-23.xls |
| General Information | Readme_HCES2022.docx |
| Blank schedule LCES2022/ HCQ/ FDQ/ CSQ/ DGQ | HCES2022_Vol_II.pdf |
| Survey Methodology & Estimation Procedure | Survey methodology and estimation procedure.pdf |
| Imputed rate list of Food items/Durable received free of cost | HCES_2022_23_Imputation_rate.xls |
| Instructions Manual, NSS HCES2022, for field staff | HCES2022_Vol_I.pdf |
| List of States & U.T.s with original State Code along with alphabetical state code. | Tabulation_state_Code.xlsx |
| Objective of Household Consumption Expenditure Survey (HCES) | Objective of HCES.pdf |
| A Note for the Users of Unit Level Data of HCES: 2022-23 | Rider for users of unit level data of HCES.pdf |
