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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>
	<u>Start</u>	<u>End</u>	<u>(in bytes)</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
