**Government of India**

**Data Processing Division**

**National Sample Survey Office**

**164, Gopal Lal Thakur Road, Kolkata-108**

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***Final Multiplier-posted unit-level data***

***For Annual Survey of Unincorporated Sector Enterprises (ASUSE) of 2022-2023***

1. **Data for ESU Schedule of ASUSE 2022-23**:

There are 16 data files belonging to 16 different levels as per layout of NSS\_ASUSE\_22\_23\_Layout\_mult\_post.xls.

|  |  |  |
| --- | --- | --- |
| **Files Names** | **Record Length** | **No. of Records** |
| asuse\_2223\_esu\_l01.txt | 57+1 | 472914 |
| asuse\_2223\_esu\_l02.txt | 103+1 | 458633 |
| asuse\_2223\_esu\_l03.txt | 64+1 | 458633 |
| asuse\_2223\_esu\_l04.txt | 59+1 | 1993614 |
| asuse\_2223\_esu\_l05.txt | 56+1 | 2883637 |
| asuse\_2223\_esu\_l06.txt | 59+1 | 2059990 |
| asuse\_2223\_esu\_l07.txt | 56+1 | 119298 |
| asuse\_2223\_esu\_l08.txt | 56+1 | 1552407 |
| asuse\_2223\_esu\_l09.txt | 79+1 | 1099897 |
| asuse\_2223\_esu\_l10.txt | 56+1 | 372082 |
| asuse\_2223\_esu\_l11.txt | 93+1 | 2682225 |
| asuse\_2223\_esu\_l12.txt | 69+1 | 117972 |
| asuse\_2223\_esu\_l13.txt | 57+1 | 33612 |
| asuse\_2223\_esu\_l14.txt | 57+1 | 890149 |
| asuse\_2223\_esu\_l15.txt | 73+1 | 112763 |
| asuse\_2223\_esu\_l16.txt | 57+1 | 1365837 |

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). The last field of each level comprises of 10 bytes which are the weight or Multiplier calculated as per the estimation procedure. Last byte is for Newline character.
2. The Layout of data is given in the Excel-file ‘*NSS\_ASUSE\_22\_23\_Layout\_mult\_post.xls’*.
3. The State code can be derived from the field ‘**NSS-Region**’ (first 2 digits) and the mapping is available in the ‘State Code’ sheet of the Excel-file ‘*NSS\_ASUSE\_22\_23\_Layout\_mult\_post.xls*’.
4. In the value fields (in Rs.) the numeric figure is given in whole number including negative values wherever applicable.
5. Establishment Serial Number, if exceeds ‘99’, is represented in alphabetical codes in the unit-level data.
6. For generating any estimate, one has to extract relevant portion of the data, and aggregate after applying the weights or multiplier.
7. Final Weight = MLT/100.
8. Common Primary Key for identification of an establishment level record:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Byte position** | | **Total length (in bytes)** |
| **Start** | **End** |
| FSU Serial Number | 1 | 5 | 5 |
| Segment Number | 25 | 25 | 1 |
| Second Stage Stratum Number | 26 | 27 | 2 |
| Sample Establishment Number | 28 | 29 | 2 |

1. Formulae for calculation of **GVA for the reference period** in ASUSE 2022-23:

| **Sl. No.** | **Type of Est.** | **Type of reference period** | **Output** | **Input** | **GVA** |
| --- | --- | --- | --- | --- | --- |
| 1. | Market Est.  (item 209≠1 and 202b≠70100) | Monthly  (item 265 ≠4) | Suppose,  A = (item 569 – item 556) + (item 556 – item 306) + (item 589 – item 319) + item 599 + item 609 + item 619 + item 639 + item 649 + item 659 + (item 669 –item 664) + item 679 + item 699 + item 719 + item 729 + item 73Z + item 749 - [(item 761 + item 762 –item 763 – item 764)]  = (item 569 – item 306) + (item 589 –item 319) + item 599 + item 609 + item 619 + item 639 + item 649 + item 659 + (item 669 - item 664) + item 679 + item 699 + item 719 + item 729 + item 73Z + item 749 - [(item 761 + item 762 – item 763 – item 764)]  **Output for ref. period**  =A + [(item 664 – item 431)/12] | **Input for ref. period**  = (item 309 – item 306) + item 339 + item 349 + item 359 + item 389 + item 399 + (item 419 - item 407) + (item 439 - item 431) + item 459 + item 479 + item 499 + item 509 + item 50Z + (item 549 – item 543) | **Gross Value Added (for ref. period)**  **=** Output for ref. period  – Input for ref. period |
| 2. | Market Est.  (item 209≠1 and 202b≠70100) | Yearly  (item 265 =4) | **Output for ref. period**  = (item 569 – item 556) + (item 556 – item 306) + (item 589 –item 319) + item 599 + item 609 + item 619 + item 639 + item 649 + item 659 + (item 669 – item 664) + (item 664 –item 431) + item 679 + item 699 + item 719 + item 729 + item 73Z + item 749 – [(item 761 + item 762 – item 763 - item 764)]  = (item 569 – item 306) + (item 589 –item 319) + item 599 + item 609 + item 619 + item 639 + item 649 + item 659 + (item 669 – item 431) + item 679 + item 699 + item 719 + item 729 + item 73Z + item 749 – [(item 761 + item 762 – item 763 – item 764)] | **Input for ref. period**  = (item 309 – item 306) + item 339 + item 349 + item 359 + item 389 + item 399 + (item 419 – item 407) + (item 439 – item 431) + item 459 + item 479 + item 499 + item 509 + item 50Z + (item 549 – item 543) | **Gross Value Added (for ref. period)**  **=** Output for ref. period  – Input for ref. period |
| 3. | Non-market Est.  (item 209=1 or 202b=70100) | Monthly  (item 265 ≠4) | **Output for ref. period**  = Input + item 939 | **Input for ref. period** = (item 309 – item 306) + item 339 + item 349 + item 359 + item 389 + item 399 + (item 419 – item 407) + (item 439 – item 431) + item 459 + item 479 + item 499 + item 509 + item 50Z + (item 549 – item 543) | **Gross Value Added (for ref. period)**  **=** Output for ref. period  – Input for ref. period |
| 4. | Non-market Est.  (item 209=1 or 202b=70100) | Yearly  (item 265 =4) | **Output for ref. period**  = Input + item 939 | **Input for ref. period** (item 309 – item 306) + item 339 + item 349 + item 359 + item 389 + item 399 + (item 419 – item 407) + (item 439 – item 431) + item 459 + item 479 + item 499 + item 509 + item 50Z + (item 549 – item 543) | **Gross Value Added (for ref. period)**  **=** Output for ref. period  – Input for ref. period |

1. **Formulae for Calculation of Annual GVA in ASUSE 2022-23 (For market establishments):**

Annual GVA = item 769 of block 7.1 × **m**, where,

**m** = 12, for perennial establishments i.e. when item 216, block 2 = 1 and item 265 ≠ 4

= item 217, for seasonal and casual establishments i.e., when item 216, block 2 ≠ 1 and item 265 ≠ 4

= 1, when item 265 = 4.

1. **List of Documents:**

|  |  |  |
| --- | --- | --- |
| **Srl. No.** | **File Name** | **Description** |
|  | Objective of ASUSE 2022-23 | Objective of the survey and note for the users of unit-level data of ASUSE 2022-23 |
|  | README\_ASUSE\_2223 | General Information |
|  | NSS\_ASUSE\_22\_23\_Layout\_mult\_post.xls | Text Data Layout |
|  | ASUSE\_2223\_Vol\_I | Instructions to Field Staff - Design, Concepts, Definitions and Procedure |
|  | ASUSE\_2223\_Vol\_II | Facsimile of Schedules LSU & ESU Schedules |
|  | ASUSE\_2223\_Estimation\_Procedure | Note on Estimation Procedure |

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