

सौरभ कुमार तिवारी
संयुक्त सचिव
Saurabh K. Tiwari
Joint Secretary



भारत सरकार
मंत्रिमंडल सचिवालय
Government of India
Cabinet Secretariat
नई दिल्ली/New Delhi-110001

D.O. No. I-11011/115/2016-DBT

Dated: 7th July, 2023

Respected Sir,

Please refer to DBT Mission's email dated 4th July, 2023 sharing therewith 'Revised Document' and a list of 'Sanity Checks' with all DBT Ministries/ Departments (copy enclosed for ready reference).

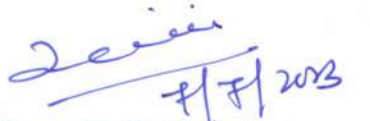
2. The above-referred document explains the revised approach to share the DBT Schemes-related data with DBT Bharat Portal. The salient features of the 'Revised Document' are enclosed as **Annexure**.

3. I shall be grateful if you kindly issue appropriate instructions to the officers concerned to initiate and complete the process of integration of modified web service with DBT Bharat Portal as per "Revised Document" and share the data of the DBT Schemes for the period from April 2023 to June 2023 with DBT Bharat Portal by 12th July, 2023.

With profound regards

Yours sincerely,

Encl: As Above


(Saurabh K. Tiwari)

To

The Secretaries of DBT implementing Ministries/Departments (As per list attached)

Salient Features of the Revised Document

- i. The data sharing model from April, 2023 has been modified from 'Pull' to 'Push' concept, where the Scheme MIS of the Ministry /Department will push the data on DBT Bharat Portal for a given month as per scheduled date (which must **not** be later than 20th of the succeeding month) to be decided by the concerned Ministry/Department.
- ii. Ministry / Department will have to share information using the location code (up to District level granularity). To make it standardized in all schemes across all Ministries / Departments, it is recommended to use the version of Local Government Directory of Ministry of Panchayati Raj, as decided by DBT Mission for the purpose for a given financial year.
- iii. Ministry / Department shall provide data in respect of all States / UTs / Districts in which the concerned scheme is applicable. States / UTs / Districts for which data is not available at the time when the Ministry / Department pushes the data to DBT Bharat Portal should be reported as 0 (numerical value zero). Ministry / Department shall have the option to update the data so provided at a later date with the permission of Nodal Officer in DBT Mission. Ministry / Department needs to ensure that no field which is applicable in the scheme is left blank while data is provided to DBT Bharat Portal, to avoid challenges in uploading data for a later month.
- iv. DBT Mission shall undertake sanity checks for the data reported by the Ministry / Department (list circulated to Ministries / Departments vide email dated 04.07.2023).
- v. Ministry / Department need to share monthly incremental data (except for fields related to beneficiaries which should be unique cumulative starting from April month for each Financial Year).
- vi. Data ownership lies with Ministry / Department, DBT Bharat Portal is just an aggregator.
- vii. Data should be prepared in prescribed JSON format before pushing it to DBT Bharat Portal. Thereafter, Ministry/Department MIS will call a Web service exposed by DBT Bharat Portal by passing DBT Scheme Code with encrypted data.
- viii. Once data is updated successfully on DBT Bharat Portal, Ministry/Department will receive a success message as HTTP Response in JSON Format. The Ministry /Department should visit the Scheme Drilldown Report (<https://dbtbharat.gov.in/cs-report/scheme-drilldown>) and crosscheck that the same data is uploaded on DBT Bharat Portal as pushed by the Ministry/Department.
- ix. In case of any discrepancy, the Ministry/Department should contact the Nodal Officer in DBT Mission immediately.
- x. In case, the data is not updated successfully on DBT Bharat Portal, Ministry/Department will receive a detailed error message as HTTP Response in JSON Format. **It will be the responsibility of Ministry/Department to resolve the error and push the data again till the data is successfully updated on DBT Bharat Portal.**

URGENT: Revised Document for data sharing with DBT Bharat Portal-reg

Tue, Jul 04, 2023 07:12 PM

📎 2 attachments

From : Pravin Kumar Somra <pravin.somra@nic.in>**Subject :** URGENT: Revised Document for data sharing with DBT Bharat Portal-reg**To :** Dr(Mr) Himanshu Pathak <dg.icar@nic.in>, Manoj Ahuja <secy-agri@nic.in>, Ms. Alka Upadhyaya <secyahd@nic.in>, chairman@dae.gov.in, Dr Rajesh S Gokhale <secy.dbt@nic.in>, Arun Baroka <sec.cpc@nic.in>, Commerce Secretary Office <csoffice@nic.in>, Sh Rajesh Aggarwal <secretarydamaje@nic.in>, Shri Vijoy Kumar Singh IAS <secyesw@nic.in>, Secretary DoF <fertsec@nic.in>, Secretary DFS <secy-fs@nic.in>, Dr. Abhilaksh Likhi <secy-fisheries@gov.in>, Shri Sanjeev Chopra <secy-food@nic.in>, Mr Rajesh Bhushan <secyhfw@nic.in>, Office of Secretary DHR <secy-dhr@gov.in>, Shri Kamran Rizvi <shioff@nic.in>, K. Sanjay Murthy <secy.dhe@nic.in>, Ajay Kumar Bhalla <hshso@nic.in>, SECRETARY,OL <secy-ol@nic.in>, Sivagami Sundari Nanda <sois-mha@nic.in>, Ms S. Aparna <secy-pharma@nic.in>, Shri Ali R. Rizvi <secy-dpe@nic.in>, Shailesh Kumar Singh <secyrd@nic.in>, Sanjay Kumar <secy.sel@nic.in>, SECRETARY DST <dstsec@nic.in>, Secretary DSIR <secy-dsir@nic.in>, Director General CSIR <dgcsir@csir.res.in>, SAURABH GARG <secywel@nic.in>, chairman@isro.gov.in, Sujata Chaturvedi <secy-sports@nic.in>, Secretary Youth Affairs <secy-ya@nic.in>, RAJESH KOTECHA <secy-ayush@nic.in>, Govind Mohan <secy-culture@nic.in>, Mr Lok Ranjan <secydoner@nic.in>, Ms. Vini Mahajan <secydws@nic.in>, Dr M Ravichandran <secretary@moes.gov.in>, Secretary MeitY <secretary@meity.gov.in>, Ms Leena Nandan <secy-moef@nic.in>, Vinay Kwatra <psfs@mea.gov.in>, Manoj Joshi <secyurban@nic.in>, Apurva Chandra <secy.inb@nic.in>, O/o Secy Labour Employment <secy-labour@nic.in>**Cc :** Saurabh K Tiwari <js.dbt@nic.in>, DEVENDRA KUMAR <devendra.k17@gov.in>, Rajesh Nagpal <rajesh.nagpal@nic.in>, Ravi Ranjan <ranjan.ravi@nic.in>, Isha Barak <isha.barak@gov.in>, VIJAY KUMAR <vkmishra.25@gov.in>, Anshuman Kamila, IES <kamila.anshuman@gov.in>, Biliyan Kumar Pujari Jee <bk.pujari@nic.in>

Respected Madam/ Sir,

This is with reference to the ongoing exercise of revamping of DBT Bharat Portal. In this regard, please find enclosed the **Revised Document** for technical details of data sharing of DBT schemes with DBT Bharat Portal.

The technical details for integration of Ministry / Department's web services with DBT Bharat Portal are also given in the enclosed document. A list of **Sanity checks is also enclosed separately.**

It is requested that the Ministry / Department may modify the web services for sharing data of DBT schemes with DBT Bharat Portal according to the Revised Document.

It is requested that Ministry / Department may **initiate the process of integration of modified web service with DBT Bharat Portal, and push the data for the months of April 2023 to June 2023 through API integration by 12 July 2023.** For further queries, the concerned Ministry / Department nodal officer of DBT Mission may be contacted.

Regards,


Pravin Somra | Resource Person,
Direct Benefit Transfer Mission,
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 **Sanity check List.pdf**
310 KB

 **Scheme_Data_Integration_with_DBT_Bharat_Portal.doc**
289 KB

Email

Pravin Kumar Somra

URGENT: Revised Document for data sharing with DBT Bharat Portal-reg

From : Pravin Kumar Somra <pravin.somra@nic.in> Tue, Jul 04, 2023 07:14 PM
Subject : URGENT: Revised Document for data sharing with DBT Bharat Portal-reg 2 attachments

To : Shri S. C. L. Das (Secy-MSME) <secretary-msme@nic.in>, Secretary, Minority Affairs <secy-mma@nic.in>, Secretary MNRE <secy-mnre@nic.in>, Secy PNG <sec.png@sb.nic.in>, Secretary Rly Board Railway Board <secyrb@rb.railnet.gov.in>, Atul Kumar Tiwari <secy-msde@nic.in>, Dr. G.P. Samanta, Secretary MoSPI <secymospi@nic.in>, Rachna Shah <secy-textiles@nic.in>, Secretary Tourism <sectour@nic.in>, Secretary Tribal Affairs <secy-tribal@nic.in>, Shri Pankaj Kumar <secy-mowr@nic.in>, Mr Indevar Pandey <secy.wcd@nic.in>

Cc : Saurabh K Tiwari <js.dbt@nic.in>, DEVENDRA KUMAR <devendra.k17@gov.in>, Rajesh Nagpal <rajesh.nagpal@nic.in>, Ravi Ranjan <ranjan.ravi@nic.in>, Isha Barak <isha.barak@gov.in>, VIJAY KUMAR <vkmishra.25@gov.in>, Anshuman Kamila, IES <kamila.anshuman@gov.in>, Biliyan Kumar Pujari Jee <bk.pujari@nic.in>

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Regards,

Pravin Somra | Resource Person,
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 **Scheme_Data_Integration_with_DBT_Bharat_Portal.doc**
289 KB



Direct Benefit Transfer (DBT)

Data Integration Approach for Central Sector (CS)/ Centrally Sponsored Scheme (CSS)

June, 2023

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1. DBT Bharat Portal

Overview:

DBT Bharat Portal is developed by DBT Mission to capture data and provide aggregated view of DBT schemes being implemented by the Central Government as well as the State/UT Governments.

The purpose of this document is to provide an understanding of the Central Sector (CS) scheme / Centrally Sponsored Scheme (CSS) data sharing from Ministry / Department Management Information System (MIS) to DBT Bharat Portal on monthly basis.

Objective:

This document explains the approach to share the DBT Schemes-related data (aggregate numbers till district level granularity) with DBT Bharat Portal. Data format has been structured to share the data from Scheme MIS.

Details of the data fields:

To share data for schemes till district level granularity, the information related to below mentioned data fields need to be provided:

Data Fields for schemes (Benefit type – Cash)			
S. No.	Field name	Data Type	Description
Scheme General Information			
1	Scheme Code	String	5 digit alphanumeric code generated on DBT Bharat Portal starting with A or B
Scheme Monthly Progress Information			
2	Year	Number	Year for which data is being shared
3	Month	Number	Month for which data is being shared
4	Number of Groups/Self Help Groups (SHGs)	Number	No. of Groups / SHGs who have benefited under the scheme [Wherever applicable] (should be unique cumulative ¹)

¹ The concept of unique cumulative may be illustrated by means of an example. Suppose, in April, 10 beneficiaries got the benefit under the scheme. Then April figure for number of unique cumulative beneficiaries is 10. If, for example, in May, 30 beneficiaries have got the benefit of which 5 are such who have already received benefit in April and only 25 are new beneficiaries, then May figure for number of unique cumulative beneficiaries will be 35 (10 old from April + 25 new added in May). In June, say, 40 beneficiaries have got the benefit of which 15 are those who had been covered in earlier months and 25 are new beneficiaries, then June figure for number of unique cumulative beneficiaries will be 60 (35 old from May + 25 new added in June).

5	Number of beneficiaries covered from Normative Central or Central & State / UT share	Number	No. of beneficiaries as per normative central government fund allocation (for CS scheme) or central government and state / UT government fund allocation under the scheme (for CSS) (should be unique cumulative)
6	Number of additional beneficiaries supported by State / UT	Number	No. of additional beneficiaries supported by State / UT fund allocation under the scheme (for CSS) [Wherever applicable] (should be unique cumulative)
7	Total No. of Beneficiaries	Number	Total number of beneficiaries in the scheme (should be unique cumulative)
8	No. of beneficiaries' records digitized	Number	Total number of beneficiaries' records digitized in scheme MIS (should be unique cumulative)
9	No. of Aadhaar authenticated Beneficiaries	Number	Total number of Aadhaar authenticated beneficiaries in the scheme (should be unique cumulative)
10	No. of Beneficiaries for whom mobile number is captured	Number	Total number of beneficiaries in the scheme for whom mobile number is captured (should be unique cumulative)
11	Central Share fund transferred (in Rs)	Decimal	Fund transferred in a month from Central Share (not cumulative across months)
12	Normative - State Share fund transferred (in Rs)	Decimal	Fund transferred in a month from State share for CSS scheme (not cumulative across months)
13	Additional State contributed fund transferred to normative beneficiaries (in Rs)	Decimal	Additional Fund transferred in a month from State to normative beneficiaries of CSS scheme (not cumulative across months)
14	State fund transferred to additional beneficiaries supported by State (in Rs)	Decimal	Fund transferred in a month by State to additional beneficiaries (apart from normative beneficiaries of CSS scheme) (not cumulative across months)
15	Total Fund transferred (in Rs)	Decimal	Fund transferred in a month (not cumulative across months)
16	Central Share fund transferred in Electronic Mode (in Rs)	Decimal	Fund transferred in a month from Central Share in Electronic Mode (not cumulative across months)
17	Normative - State Share fund transferred in Electronic Mode (in Rs)	Decimal	Fund transferred in a month from State share for CSS scheme in Electronic Mode (not cumulative across months)

18	Additional State Contributed fund transferred to normative beneficiaries in Electronic Mode (in Rs)	Decimal	Additional Fund transferred in a month from State to normative beneficiaries of CSS scheme in Electronic Mode (<i>not cumulative across months</i>)
19	State fund transferred to additional beneficiaries supported by State in Electronic Mode (in Rs)	Decimal	Fund transferred in a month by State to additional beneficiaries (apart from normative beneficiaries of CSS scheme) in Electronic Mode (<i>not cumulative across months</i>)
20	Fund transferred through Aadhaar Payments Bridge (APB) (in Rs)	Decimal	Total fund transferred through Aadhaar Payments Bridge (APB) (<i>not cumulative across months</i>)
21	Fund transferred through other modes of electronic transfer (in Rs)	Decimal	Total fund transferred through other modes of electronic transfer (<i>not cumulative across months</i>)
22	Total Fund transferred through Electronic Mode (APB, NEFT, RTGS) (in Rs)	Decimal	Total fund transferred through Electronic Mode (<i>not cumulative across months</i>)
23	Total Fund transferred through non-electronic modes (Cash, Cheque, DD, MO) (in Rs)	Decimal	Total fund transferred through non-electronic Modes in a month (<i>not cumulative across months</i>)
24	Number of transactions through Aadhaar Payments Bridge (APB)	Number	Number of transactions through Aadhaar Payments Bridge (APB) (<i>not cumulative across months</i>)
25	Number of transactions through other modes of electronic transfer	Number	Number of transactions through other modes of electronic transfer (<i>not cumulative across months</i>)
26	Total No. of Transactions through Electronic Mode	Number	Total number of transactions through Electronic Mode of fund transfer (<i>not cumulative across months</i>)
27	Total No. of Transactions through non-electronic modes	Number	Total number of transactions through non-electronic modes of fund transfer (<i>not cumulative across months</i>)
28	Is data awaited? (0/1)	Number	If data is awaited, this value will be 1. If data is available and being reported, this value will be 0.

29	Additional Parameter 1 ²	Decimal	In case Ministry has registered any additional parameter for the scheme in the DBT Bharat Portal, then value needs to be passed.
30	Additional Parameter 2 ²	Decimal	In case Ministry has registered any additional parameter for the scheme in the DBT Bharat Portal, then value needs to be passed.
31	Additional Parameter 3 ²	Decimal	In case Ministry has registered any additional parameter for the scheme in the DBT Bharat Portal, then value needs to be passed.

Data Fields for schemes (Benefit type – In-Kind)			
S No	Field name	Data Type	Description
Scheme General Information			
1	Scheme Code	String	5 digit alphanumeric code generated on DBT Bharat Portal starting with A or B
Scheme Monthly Progress Information			
2	Year	Number	Year for which data is being shared
3	Month	Number	Month for which data is being shared
4	Number of Groups/Self Help Groups (SHGs)	Number	No. of Groups / SHGs who have benefited under the scheme [Wherever applicable] (should be unique cumulative)
5	Number of beneficiaries covered from Normative Central or Central & State / UT share	Number	No. of beneficiaries as per normative central government fund allocation (for CS scheme) or central government and state / UT government fund allocation under the scheme (for CSS) (should be unique cumulative)
6	Number of additional beneficiaries supported by State / UT	Number	No. of additional beneficiaries supported by State / UT fund allocation under the scheme (for CSS) [Wherever applicable] (should be unique cumulative)
7	Total No. of Beneficiaries	Number	Total number of beneficiaries in the scheme (should be unique cumulative)
8	No. of beneficiaries' records digitized	Number	Total number of beneficiaries' records digitized in scheme MIS (should be unique cumulative)

² In case Ministry wants to submit any additional parameter on a monthly basis, the same may be communicated to concerned Nodal Officer in DBT Mission who shall then get the parameter registered in respect of that scheme, after following due process. Subsequently, Ministry shall be mandated to furnish the information relating to that additional parameter.

9	No. of Aadhaar authenticated Beneficiaries	Number	Total number of Aadhaar authenticated beneficiaries in the scheme (should be unique cumulative)
10	No. of Beneficiaries for whom mobile number is captured	Number	Total number of beneficiaries in the scheme for whom mobile number is captured (should be unique cumulative)
11	Central Share Expenditure Incurred (in Rs)	Decimal	Expenditure incurred in a month from Central Share (not cumulative across months)
12	Normative - State Share Expenditure Incurred (in Rs)	Decimal	Expenditure incurred in a month from State Share for CSS scheme (not cumulative across months)
13	Additional State Expenditure Incurred (in Rs)	Decimal	Additional Expenditure incurred in a month from State to normative beneficiaries of CSS scheme (not cumulative across months)
14	State Share Expenditure Incurred for additional beneficiaries supported by State (in Rs)	Decimal	Expenditure incurred in a month by State to additional beneficiaries (apart from normative beneficiaries of CSS scheme) (not cumulative across months)
15	Total Expenditure Incurred (in Rs)	Decimal	Expenditure incurred in a month (not cumulative across months)
16	Central Share Expenditure Incurred through Aadhaar Authenticated Transactions (in Rs)	Decimal	Expenditure incurred in a month from Central Share through Aadhaar Authenticated Transactions (not cumulative across months)
17	Normative - State Share Expenditure Incurred through Aadhaar Authenticated Transactions (in Rs)	Decimal	Expenditure incurred in a month from State share for CSS scheme through Aadhaar Authenticated Transactions (not cumulative across months)
18	Additional State Expenditure Incurred through Aadhaar Authenticated Transactions (in Rs)	Decimal	Additional Expenditure incurred in a month from State to normative beneficiaries of CSS scheme through Aadhaar Authenticated Transactions (not cumulative across months)
19	State Share Expenditure Incurred for additional beneficiaries supported by State through Aadhaar Authenticated Transactions (in Rs)	Decimal	Expenditure incurred in a month by State to additional beneficiaries (apart from normative beneficiaries of CSS scheme) through Aadhaar Authenticated Transactions (not cumulative across months)

20	Total Expenditure incurred through Aadhaar Authenticated Transactions (in Rs)	Decimal	Total Expenditure incurred through Aadhaar Authenticated Transactions (Bio / Demo / OTP / e-Sign) (not cumulative across months)
21	Total No. of Aadhaar authenticated Transactions	Number	Total No. of Aadhaar authenticated Transactions in a month (not cumulative across months)
22	Quantity Transferred	Number	No. of units of In kind product/service transferred to beneficiaries in a month (not cumulative across months)
23	Is data awaited? (0/1)	Number	If data is awaited, this value will be 1. If data is available and being reported, this value will be 0.
24	Additional Parameter 1 ³	Decimal	In case Ministry has registered any additional parameter for the scheme in the DBT Bharat Portal, then value needs to be passed.
25	Additional Parameter 2 ³	Decimal	In case Ministry has registered any additional parameter for the scheme in the DBT Bharat Portal, then value needs to be passed.
26	Additional Parameter 3 ³	Decimal	In case Ministry has registered any additional parameter for the scheme in the DBT Bharat Portal, then value needs to be passed.

Data Fields for schemes (Benefit type – Cash/ Cash & In-Kind)			
S No	Field name	Data Type	Description
Scheme General Information			
1	Scheme Code	String	5 digit alphanumeric code generated on DBT Bharat Portal starting with A or B
Scheme Monthly Progress Information			
2	Year	Number	Year for which data is being shared
3	Month	Number	Month for which data is being shared
4	Number of Groups/ Self Help Groups (SHGs)	Number	No. of Groups / SHGs who have benefited under the scheme [Wherever applicable] (should be unique cumulative)
5	Number of beneficiaries covered from Normative Central or Central &	Number	No. of beneficiaries as per normative central government fund allocation (for CS scheme) or central government and

³ In case Ministry wants to submit any additional parameter on a monthly basis, the same may be communicated to concerned Nodal Officer in DBT Mission who shall then get the parameter registered in respect of that scheme, after following due process. Subsequently, Ministry shall be mandated to furnish the information relating to that additional parameter.

	State / UT share		state / UT government fund allocation under the scheme (for CSS) (should be unique cumulative)
6	Number of additional beneficiaries supported by State / UT	Number	No. of additional beneficiaries supported by State / UT fund allocation under the scheme (for CSS) [Wherever applicable] (should be unique cumulative)
7	Total No. of Beneficiaries	Number	Total number of beneficiaries in the scheme (should be unique cumulative)
8	No. of beneficiaries' records digitized	Number	Total number of beneficiaries' records digitized in scheme MIS (should be unique cumulative)
9	No. of Aadhaar authenticated Beneficiaries	Number	Total number of Aadhaar authenticated beneficiaries in the scheme (should be unique cumulative)
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14	State fund transferred to additional beneficiaries supported by State (in Rs)	Decimal	Fund transferred in a month by State to additional beneficiaries (apart from normative beneficiaries of CSS scheme) (not cumulative across months)
15	Total Fund transferred (in Rs)	Decimal	Fund transferred in a month (not cumulative across months)
16	Central Share fund transferred through Electronic Mode (in Rs)	Decimal	Fund transferred in a month from Central Share through Electronic Mode (not cumulative across months)
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	(in Rs)		<i>cumulative across months</i>
20	Fund transferred through Aadhaar Payments Bridge (APB) (in Rs)	Decimal	Total fund transferred through Aadhaar Payments Bridge (APB) (<i>not cumulative across months</i>)
21	Fund transferred through other modes of electronic transfer (in Rs)	Decimal	Total fund transferred through other modes of electronic transfer (<i>not cumulative across months</i>)
22	Total Fund transferred through Electronic Mode (APB, NEFT, RTGS) (in Rs)	Decimal	Total fund transferred through Electronic Mode (<i>not cumulative across months</i>)
23	Total Fund transferred through non-electronic modes (Cash, Cheque, DD, MO) (in Rs)	Decimal	Total fund transferred through non-electronic Modes in a month (<i>not cumulative across months</i>)
24	Number of transactions through Aadhaar Payments Bridge (APB)	Number	Number of transactions through Aadhaar Payments Bridge (APB) (<i>not cumulative across months</i>)
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34	Normative - State Share Expenditure Incurred through Aadhaar Authenticated Transactions (in Rs)	Decimal	Expenditure incurred in a month from State share for CSS scheme through Aadhaar Authenticated Transactions (<i>not cumulative across months</i>)
35	Additional State Expenditure Incurred through Aadhaar Authenticated Transactions (in Rs)	Decimal	Additional Expenditure incurred in a month from State to normative beneficiaries of CSS scheme through Aadhaar Authenticated Transactions (<i>not cumulative across months</i>)
36	State Share Expenditure Incurred for additional beneficiaries supported by State through Aadhaar Authenticated Transactions (in Rs)	Decimal	Expenditure incurred in a month by State to additional beneficiaries (apart from normative beneficiaries of CSS scheme) through Aadhaar Authenticated Transactions (<i>not cumulative across months</i>)
37	Total Expenditure incurred through Aadhaar Authenticated Transactions (in Rs)	Decimal	Total Expenditure incurred through Aadhaar Authenticated Transactions (Bio / Demo / OTP / e-Sign) (<i>not cumulative across months</i>)
38	Total No. of Aadhaar authenticated Transactions	Number	Total No. of Aadhaar authenticated Transactions in a month (<i>not cumulative across months</i>)
39	Quantity Transferred	Number	No. of units of In kind product/service transferred to beneficiaries in a month (<i>not cumulative across months</i>)
40	Is data awaited? (0/1)	Number	If data is awaited, this value will be 1. If data is available and being reported, this value will be 0.
41	Additional Parameter 1 ⁴	Decimal	In case Ministry has registered any additional parameter for the scheme in the DBT Bharat Portal, then value needs to be passed.
42	Additional Parameter 2 ⁴	Decimal	In case Ministry has registered any additional parameter for the scheme in the DBT Bharat Portal, then value needs to be passed.
43	Additional Parameter 3 ⁴	Decimal	In case Ministry has registered any additional parameter for the scheme in the DBT Bharat Portal, then value needs to be passed.

⁴ In case Ministry wants to submit any additional parameter on a monthly basis, the same may be communicated to concerned Nodal Officer in DBT Mission who shall then get the parameter registered in respect of that scheme, after following due process. Subsequently, Ministry shall be mandated to furnish the information relating to that additional parameter.

Pre-requisite to Integrate

Ministry/Department has to ensure the availability of Scheme MIS with all relevant fields as mentioned in above sections against the correct DBT Scheme Code (generated while registering the Scheme on DBT Bharat Portal).

2. Salient features of data sharing with DBT Bharat Portal

- a. For all schemes on-boarded on DBT Bharat Portal, Ministry/ Department has to share the scheme data for a given month as per scheduled date (which must **not** be later than 20th of the succeeding month) decided by the concerned Ministry/Department.
- b. Ministry / Department will have to share information using the location code (up to State / District granularity). To make it standardized in all schemes across all Ministries / Departments, it is recommended to use the version of Local Government Directory of Ministry of Panchayati Raj as decided by DBT Mission for the purpose for a given financial year.
- c. Ministry / Department shall provide data in respect of all States / UTs / Districts in which the concerned scheme is applicable. States / UTs / Districts for which data is not available at the time when the Ministry / Department pushes the data to DBT Bharat Portal should be reported as 0 (numerical value zero). Ministry / Department shall have the option to update the data so provided at a later date with intimation to or permission of Nodal Officer in DBT Mission. Ministry / Department needs to ensure that no field which is applicable in the scheme is left blank while data is provided to DBT Bharat Portal, to avoid challenges in uploading data for a later month. DBT Mission shall undertake sanity checks for the data reported by Ministry / Department.
- d. Ministry / Department need to share monthly incremental data (except for fields related to beneficiaries which should be unique cumulative starting from April month for each Financial Year).
- e. Data ownership lies with Ministry / Department, DBT Bharat Portal is just an aggregator.

3. Integration Approach – Web Services

Below are the points/steps which brief about integration process once Scheme MIS is hosted successfully in the PRODUCTION environment:

- 1) It is recommended that the Ministry/Department should coordinate with DBT Mission Nodal Officer to understand the scheme data fields.
- 2) Ministry/Department technical team will verify that their Scheme MIS conforms to the JSON format containing scheme data fields (as per appendix A and B)
- 3) Ministry/Department has to provide the below information on DBT Bharat Portal -
 - a) **Scheduled date-** The date on which Ministry/Department undertakes to push/share data for a given scheme for the previous month.
 - b) **IP address registration-** IP address to be provided to DBT Bharat Portal for each scheme from where data is to be ported.
 - c) **Additional Contact details of the person for the scheme data-** Email ID and Contact No (Preferably Mobile No.).
- 4) **Encryption Key generation** – Encryption Key to be generated for each Scheme through DBT Bharat Portal (<https://dbtbharat.gov.in>), and used in encryption of data before starting data sharing. Ministry/Department shall have the option to refresh the encryption key if the need arises.
- 5) Data should be prepared in prescribed JSON format before pushing it to DBT Bharat Portal. Thereafter, Ministry/Department MIS will call a Web service exposed by DBT Bharat Portal by passing DBT Scheme Code with encrypted data.

4. How webservice will work:

Once DBT Mission receives data from Ministry/Department, DBT Bharat Portal will get updated. Webservice will **not** be available to the Ministry/Department for sharing data for the same period.

- 1) Once data is updated successfully on DBT Bharat Portal, Ministry/Department will receive a success message as HTTP Response in JSON Format. The Ministry /Department should visit the Scheme Drilldown Report (<https://dbtbharat.gov.in/cs-report/scheme-drilldown>) and crosscheck that the same data is uploaded on DBT Bharat Portal as pushed by the Ministry/Department.

In case of any discrepancy the Ministry/Department **should contact the Nodal Officer in DBT Mission immediately.**

- 2) Incase data is not updated successfully on DBT Bharat Portal, Ministry/Department will receive a detailed error message as HTTP Response in JSON Format. **It will be the responsibility of Ministry/Department to resolve the error and push the data again till the data is successfully updated on DBT Bharat Portal.**

5. Technical Specification of Exposed Webservice:

For Sharing of Scheme data for **first time**, Total two APIs of **Rest** type has been published. Request and Response format for both APIs are in JSON form.

1. URL: <https://api.dbtbharat.gov.in/central-scheme/getdate>

- Method: **Post**
- Function: This API returns a pending list of date against scheme code for which data is not reported at DBT Bharat Portal. With that, the returned date would be used in request parameters of the second API.

- Request format:

```
{
  "scheme_code": "XXXXX"
}
```

- Response format (For Successful Execution):

```
{
  "status_code": "200",
  "message": "Success",
  "pending_dates": ["2021-05-31", "2021-06-30"]
}
```

- Response format (For Unsuccessful Execution):

```
{
  "status_code": "400",
  "message": "ERROR_MESSAGE"
}
```

2. URL: <https://api.dbtbharat.gov.in/center-scheme/pushdata>

- Method: **Post**
- Function: This API would be used to share monthly data against scheme code. Monthly data must have to be prepared in JSON as per our format as mentioned in **Appendix-B** and fields need to be provided according to scheme nature from **Appendix-A**. Prepared data need to be encrypted by using **AES-256-CBC** method. Base64 value of encrypted data with scheme code would be used as request parameters.

- Request format:

```
{
  "scheme_code": "XXXXX",
  "encrypted_data": "ENCRYPTED_DATA"
}
```

- Response format (For Successful Execution):

```
{
  "status_code": "201",
  "message": "Data Accepted Successfully.",
}
```

- Response format (For Unsuccessful Execution):

```
{
  "status_code": "400",
  "message": "ERROR_MESSAGE",
  "error_details": " DETAILED_ERROR_MESSAGE" **
}
```

}
Only if necessary then only **error_details tag would be returned.

Appendix-A: Proposed JSON Tags/Fields:



JSON_fields.xlsx

Appendix-B: Following Json is just a Sample Json for Cash and In-Kind CSS Schemes who provide data in Districtwise Granularity. JSON may vary with the nature of Schemes.



schema_css_cash_in
kind_districtwise.json

S No	Field name	
Scheme General Information		
1	Scheme Code	
Scheme Monthly Progress Information		
2	Year	Should be YYYY
3	Month	Should be between 1 and 12
4	Number of Groups/ Self Help Groups (SHGs)	Should be less than or equal to row 7
5	Number of beneficiaries covered from Normative Central or Central & State / UT share	
6	Number of additional beneficiaries supported by State / UT	
7	Total No. of Beneficiaries	Should be row 5 + row 6
8	No. of beneficiaries' records digitized	Should be less than or equal to row 7
9	No. of Aadhaar authenticated Beneficiaries	Should be less than or equal to row 7
10	No. of Beneficiaries for whom mobile number is captured	Should be less than or equal to row 7
11	Central Share fund transferred (in Rs)	
12	Normative - State Share fund transferred (in Rs)	
13	Additional State contributed fund transferred to normative beneficiaries (in Rs)	
14	State fund transferred to additional beneficiaries supported by State (in Rs)	
15	Total Fund transferred (in Rs)	Should be row 11 + row 12 + row 13 + row 14 and row 22 + row 23
16	Central Share fund transferred through Electronic Mode (in Rs)	Should be less than or equal to row 11

17	Normative - State Share fund transferred through Electronic Mode (in Rs)	Should be less than or equal to row 12
18	Additional State Contributed fund transferred to normative beneficiaries through Electronic Mode (in Rs)	Should be less than or equal to row 13
19	State fund transferred to additional beneficiaries supported by State through Electronic Mode (in Rs)	Should be less than or equal to row 14
20	Fund transferred through Aadhaar Payments Bridge(APB) (in Rs)	Should be less than or equal to row 15
21	Fund transferred through other modes of electronic transfer (in Rs)	Should be less than or equal to row 15
22	Total Fund transferred through Electronic Mode (APB, NEFT, RTGS) (in Rs)	Should be equal to row 20 + row 21
23	Total Fund transferred through non-electronic modes (Cash, Cheque, DD, MO) (in Rs)	Should be less than or equal to row 15
24	Number of transactions through Aadhaar Payments Bridge (APB)	
25	Number of transactions through other modes of electronic transfer	
26	Total No. of Transactions through Electronic Mode	Should be equal to row 24 + row 25
27	Total No. of Transactions through non-electronic modes	
28	Central Share Expenditure Incurred (in Rs)	
29	Normative - State Share Expenditure Incurred (in Rs)	
30	Additional State Expenditure Incurred (in Rs)	
31	State Share Expenditure Incurred for additional beneficiaries supported by State (in Rs)	
32	Total Expenditure Incurred (in Rs)	Should be equal to row 28 + row 29 + row 30 + row 31
33	Central Share Expenditure Incurred through Aadhaar Authenticated Transactions (in Rs)	Should be less than or equal to row 28

34	Normative - State Share Expenditure Incurred through Aadhaar Authenticated Transactions (in Rs)	Should be less than or equal to row 29
35	Additional State Expenditure Incurred through Aadhaar Authenticated Transactions (in Rs)	Should be less than or equal to row 30
36	State Share Expenditure Incurred for additional beneficiaries supported by State through Aadhaar Authenticated Transactions (in Rs)	Should be less than or equal to row 31
37	Total Expenditure incurred through Aadhaar Authenticated Transactions (in Rs)	Should be less than or equal to row 32
38	Total No. of Aadhaar authenticated Transactions	
39	Quantity Transferred	
40	Additional Parameter 1 ^[1]	
41	Additional Parameter 2 ⁴	
42	Additional Parameter 3 ⁴	