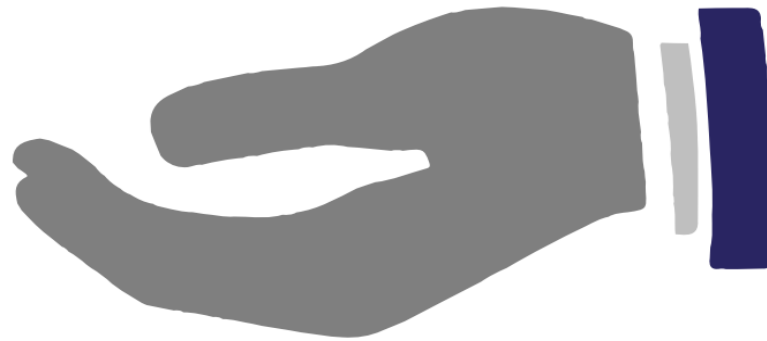




Direct Benefit Transfer (DBT)



Guidelines for Online Web Services

भारत सरकार
GOVERNMENT OF INDIA

कृषि एवं किसान कल्याण मंत्रालय
MINISTRY OF AGRICULTURE & FARMERS WELFARE



कृषि, सहकारिता एवं किसान कल्याण विभाग

DEPARTMENT OF

AGRICULTURE COOPERATION & FARMERS WELFARE

GUIDELINE FOR USING WEB SERVICE
(Applicable where Scheme MIS exists)

As you aware that Agriculture Informatics Division of NIC-New Delhi is in a process of building a comprehensive centralized DBT portal for agriculture and store all the Beneficiaries with Scheme information at a national level. For this, Beneficiary details of different Schemes of DAC & FW will be uploaded into this Central DBT portal for easy monitoring & tracking beneficiary and providing information to DBT Bharat regarding DBT Schemes as desired.

Online Web service to be used where Scheme MIS is already available. This will act as bridge between Scheme MIS and DBT Central Portal for data sharing. The following guidelines will help in porting the data to Central DBT portal through web service.

Follow the step wise instruction to be implemented at your end before porting/ uploading data to DBT Portal :-

- 1) Location wise master of your DBT Scheme MIS are to **be MAPPED with LG Directory Master** (<http://lgdirectory.gov.in/>) or **download from DBT central portal**. Like State, District, Sub-District, Block, Panchayat and Villages. This is the first and foremost step to be adopted at your end.
- 2) **Download WEB SERVICE** file ([DBT_PushWebservice.aspx](#), [DBT_PushWebservice.aspx.cs](#)) from Official website for DBT <http://dbtdacfw.gov.in> . Add/copy in your DBT Scheme Project.

---- IMPORTANT CHANGES HERE at your end

- Open [DBT_PushWebservice.aspx.cs](#) file in .NET framework.
 - In the SQL query Part (there are 4 set of SQL queries). You have to change the respective column names in all SQL Queries. Please **do not change the 'as column name xxxxxx'**. **Pls. refere ANNEXURE FOR DETAILS**.
 - Save the file.
- 3) **ADD NEW COLUMN** in your Beneficiary Table, Bank Transaction Table as **DBT Flag as CHAR(1)**, **Scheme code as CHAR(5)** issued by the Director IT, DAC&FW . **Creation of this column at your end is not mandatory. But in the SQL Query give the Scheme Code as hardcode 'xxxxxx'**. **Pls. refer below for your Scheme Code.**

- 4) In the .NET Framework after opening the project, ADD ADVANCE WEB SERVICE REFERENCE IN THE PROJECT. The URL for WEB Reference is <http://www.dbtdacfw.gov.in/DBTService.asmx> on official website. Paste this URL in the Web Reference text box and SAVE.
- 5) For the SCHEME CODE refer to the annexure given in the end of the document.
- 6) All amount entries should be in **Rupees** only.
- 7) Required Gender Format: **M** for Male, **F** for Female, **T** for Transgender
- 8) Date of Birth (DOB) should be in **DD/MM/YYYY**.
- 9) Required Category format: **1** for Schedule Cast, **2** for Schedule Tribe, **3** for Backward, **4** for OBC, **5** for General
- 10) Required AadharFlag format: **1** for Aadhar, **2** for PAN Card, **3** for Voter ID, **4** for Driving Licence, **0** Otherwise
- 11) StateCode to VillageCode – all should be LG Codes or Census 2011 Code. If not then send 0.
- 12) **schemespecificid** is the id of the farmer in your MIS.
- 13) datatype as 'W' ('W' means sending data using online webservice)
- 14) Survey Number: it can be survey number or khata number
- 15) Drag Number: it can be Drag number or Khasra number.
- 16) Fund Transfer Format: APB (Aadhar Payment Bridge), NEFT, RTGS, PFMS or Others.
- 17) Financial year Format: **1** for '2016-17', **2** for '2017-18'
- 18) View **DBTUserID** from the State login under the tab Download-> View your DBT Userid. This is **MANDATORY** to find out who is sending data through webservice.
- 19) IPAddress of your machine/server.
- 20) Required Farmer_Type format: **1** for Marginal(<1 Ha), **2** for Small(1-2Ha), **3** for Semi-Medium(2-4 Ha), **4** for Medium(4-10 Ha), **5** for Large(>10Ha)
- 21) Consent : '1' if consent is given to use aadhar number else '0'
- 22) Ekyc: Whether record is verified from aadhar server or not. 'Y' or 'N'.
- 23) Relation: Relation of Farmer with column father name. '1' for Father, '2' for Mother and '3' for Husband.
- 24) Bene_EntryDate: This the date at which farmer got registered in your database.
- 25) **RUN** the page **DBT_PushWebservice.aspx** from your project and select required BUTTON for porting/uploading Beneficiary details of your scheme to DBT Portal.
- 26) **Uploading Data:** Login and **click the upload option for uploading the data**. User credential for porting data through web service will be shared on request. If you are planning to put it in the scheduler, share the credential in the web services itself so that we can monitor the source of data.
- 27) You can cross check from your Tables that DBT_Flag = 1 is updated or not.

28) UPDATE **WEB SERVICE REFERENCE** on Regular Intervals and DO NOT SEND AGAIN WHICH HAVE ALREADY SENT.

In case of any difficulties you are requested to contact bala.s@nic.in , agri-dbt@nic.in. 011-23384352 or IP Phone: 67227

ANNEXURE

BENEFICIARY DETAILS QUERY: (Change the Column name / table name of your system wherever

RED Marked). **DO NOT CHANGE THE COLUMN NAME APPEARS AFTER AS 'xxxxxxxxxxxx'**

Scheme Code. Refer below for Scheme Code. Hardcoded or column Name.

Column Name(s)

```
SELECT  scheme_code as [Scheme] , [FarmerName] as [Farmer_Name] , [FarmerNameinLocal] as Farmer_Name_Local, [FatherName] as [Father_Name] , [DOB] as DOB, [Age] as Age , [AadharNumber] as [AadharNo], Aadharflag as AadharFlag, [Phone] as Phone , [MobileNumber] as Mobile, [EmailId] as [EmailId], [Gender] as [Gender], [HomeAddress] as House_No , [VillageCode] as Village_Code, [BlockCode] as Block_Code, [SubDistrictCode] as Sub_District_Code , [DistrictCode] as District_Code, [StateCode] as State_Code , [PinCode] as [PinCode] , [FarmerCategory] as Caste_Name , [Khastra_Drag_No] as DragNo, SurveyNumber as SurveyNo, [FarmerId] as schemespecificid , [Bank_Name] as [Bank] , Branch as Branch, [Bank-Account-Number] as AccountNo, [IFSC-Code] as IFSC, b.[Amount] as Amount, b.[FundTransfer (APB / NEFT / Other)] as FundTransfer , b.[TransactionDate] as TransactionDate , 'W' as datatype , year as finyear, dbtuserID as DBTUserID , ipaddress as ipaddress , Village_name as Village_Name, Farmer_Type as Farmer_Type, consent as consent, aadhar_authentication as ekyc, remarks as Item, relation_with_Farmer as Relation, Blockname as Block_Name, subdistrictname as Sub_District_Name, FarmerCreationDate as Bene_EntryDate from [xxxxxx-DBTable] d left join [dbo].[XXXXXX-BANKTABLE] b on farmer_Id =b.SchemeSpecific_Ben_Id where (d.DBT_Flag is null ) and (b.DBT_Flag is null )
```

YOUR BENEFICIARY TABLE NAME WITH INNER JOIN OF BANK TABLES

View DBTUserId from portal after State Level login

FOR SCHEME CODE (REFER HERE)

SNO	Parent Scheme	Scheme Code	Scheme Name	Benefit Type
1	CREDIT	A612K	Interest Subsidy for Short Term Credit to Farmers	CASH
2	PMKSY	BTG12	Pradhan Mantri Krishi Sinchai Yojana	CASH
3	SEEDS	BQODZ	Sub Mission on Seeds and Planting Material	CASH
4	AGRICOOP	ARFT5	Integrated Scheme on Agriculture Cooperation	CASH
5	NFSM	B7Z18	National Food Security Mission	CASH
6	PMFBY	B0HJB	Pradhan Mantri Fasal Bima Yojana	CASH
7	ACABC	AN16Q	Agri Clinics and Agri Business Centres Scheme ACABC- Loan Subsidy	CASH
8	ACABC	AOSDJ	Agri Clinics and Agri Business Centres Scheme ACABC- Incentive	CASH
9	ACABC	AEO0Y	Agri Clinics and Agri Business Centres Scheme ACABC- Training	KIND
10	ATMA	BSLNX	Demonstration-ATMA	KIND
11	ATMA	BL0EE	Exposure visit of Extension Functionaries - ATMA	KIND
12	ATMA	BCZX5	Exposure visit of Farmers-ATMA	KIND
13	ATMA	BDT97	Farm School-ATMA	KIND
14	ATMA	BZET8	Training of Extension functionaries - ATMA	KIND
15	ATMA	BOIY8	Training of Farmers-ATMA	KIND
16	ATMA	BE362	Award to the best farmer - ATMA	CASH
17	ATMA	BV3JN	Service charge to achiever farmer - Farm School - ATMA	CASH
18	ATMA	BYFXB	Annual contingency Plan -Farmer Friend- ATMA	CASH
19	ATMA	BU130	Salary ATMA manpower-ATMA	CASH
20	MIDH	BLARJ	Marketing- MIDH	
21	MIDH	BJ931	Post Harvest Management (PHM) - MIDH	
22	MIDH	BQMXQ	Water Resources- MIDH	
23	MIDH	B2MCH	Integrated Pest Management (IPM) - MIDH	
24	MIDH	BDMTV	Plant Protection - MIDH	
25	MIDH	BKCBO	Rejuvenation - MIDH	
26	MIDH	B4VLT	Nursery - MIDH	
27	MIDH	BS946	Area Expansion - MIDH	
28	SMAM	AI86O	Promotion of Farm Machinery and Equipment in North-Eastern Region - SMAM	
29	SMAM	AM8O9	Financial Assistance for Promotion of Mechanized Operations/hectare Carried out Through Custom Hiring Centres - SMAM	
30	SMAM	AHZ8R	Promotion of Farm Mechanization in Selected Villages - SMAM	
31	SMAM	ACZ2Y	Establish Hi-Tech, High Productive Equipment Hub for Custom Hiring - SMAM	
32	SMAM	AER89	Establish Farm Machinery Banks for Custom Hiring - SMAM	
33	SMAM	AVDHR	Financial Assistance for procurement of Agriculture Machinery and Equipment- SMAM	
34	SMAM	AONYC	Demonstration, Training and Distribution of Post Harvest Technology and Management (PHTM)- SMAM	
35	SMAM	A4NQ1	Promotion and Strengthening of Agricultural Mechanization through Training, Testing and Demonstration - SMAM	
36	OILSEEDS	B7BCH	National Mission On Oilseeds And Oil Palm	

UPDATE QUERY

YOUR BENEFICIARY TABLE NAME

```
update [XXXXXXXXXXXX] set DBT_Flag=1 where DBT_Flag is null;
```

```
update [XXXXXXXXXXXX] set DBT_Flag=1 where DBT_Flag is null
```

YOUR BANK DETAILS TABLE NAME

Screen Shots:

The screenshot shows a web browser displaying the DBT dashboard. The page header includes the Government of India logo and the text 'DIRECT BENEFIT TRANSFER (DBT) Department of Agriculture, Cooperation & Farmers Welfare, Ministry of Agriculture & Farmers Welfare, Government of India'. The National Informatics Centre logo is also present. The dashboard has a navigation bar with 'Download', 'User Management', and 'Change Password' menus. The 'Download' menu is open, showing 'Download Webservice' and 'View Your DBT USERID'. The user is logged in as 'Admin' for 'State ANDHRA PRADESH' on '26/Sep/2017'. The dashboard content area is currently blank. The footer contains the National Informatics Centre logo and a disclaimer: 'Site is designed and hosted by National Informatics Centre. Contents published and managed by Department of Agriculture, Cooperation & Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India. All rights reserved. For any query and Suggestions Please write to agr-dbt[at]nic[dot]in'.

- Downloaded as DBT.rar file. Extract the file. And start modifying the as per above instruction.