F. No.23(5)/2015–Comp.(323743)
Government of India
Ministry of Consumer Affairs, Food and Public Distribution
Department of Food &Public Distribution
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Krishi Bhawan, New Delhi – 110001
Dated:02/01/2019

To

    The Principal Secretary / Secretary,
    Food & Civil Supplies Department,
    All States/UTs

Subject:National level de-duplication of all NFSA ration cards/beneficiaries under the IM-PDS scheme – reg.

Madam/Sir,

    As you are aware this Department has launched a centrally sponsored scheme on 'Integrated Management of Public Distribution System' (IM-PDS) which primarily aims at introducing national level portability in distribution of foodgrains to NFSA beneficiaries. To achieve this national level de-duplication of ration cards/beneficiaries is very important and critical activity to ensure that no same beneficiary exist across different States/UTs.

2.   The de-duplication exercise shall be carried out at the central level by the NIC-HQ team (technical partner for the scheme) in a secured environment, on the basis of demographic data supported with the Aadhaar numbers in encrypted form, to identify the duplicate beneficiaries possibly existing in more than one State/UT, particularly in the adjoining districts of neighboring States/UTs. Subsequently, the NIC-HQ team shall also share the de-duplication results with the concerned State(s)/UT(s) to verify the duplicate/suspected-duplicate beneficiaries and take appropriate action as may be necessary to ensure rightful targeting of Government benefits.

3.   To perform this activity it is necessary to establish a central repository of all ration cards/beneficiaries covered under NFSA in the country, with minimalistic details of each ration card/beneficiary. In this regard, a list if parameters has been prepared by the NIC-HQ team (annexed), against which States/UTs are requested to share the details through web-services.

4.   The software utility developed by the NIC-HQ, besides collating the ration cards data (as above) at the central level, will also ensure that the Aadhaar numbers of beneficiaries will be encrypted at the State/UT level itself, before being transmitted to the central repository in a secured manner. The transmission of data including the encrypted Aadhaar numbers shall be done electronically through the web-services which are developed by the NIC-HQ team and the same shall be shared with all States/UTs in the near future. For the deployment of the

web-services and software utility with the States'/UTs' ration cards management systems, the NIC-HQ team shall also be coordinating with the technical teams of the respective States/UTs through video conferencing shortly.

5.   All States/UTs are therefore requested to kindly prepare and maintain online the requisite data of all ration cards/beneficiaries, as per the format enclosed , to allow the NIC-HQ team to encrypt and fetch the same through web-services for the purpose of national level de-duplication. In case of any technical concerns regarding the preparation of required data, deployment of web-services, etc. States/UTs may kindly contact the NIC-HQ team.

Yours faithfully,

Encl: As above.

Signature valid

Digitally signed by DINESH
KUMAR GUPTA
Date: 2019.06.12 17:55:13 IST
Reason: Approved

(D. K. Gupta)
Director (PD)
011-23070429

Copy for necessary action to:

1. **Sh. Gautam Ghosh, DDG, NIC-HQ, New Delhi**
2. **Sh. BVC Rao, Sr. Technical Director, NIC-HQ, New Delhi**

Annexure

Ration Card/members parameters required for the de-duplication activity:

Sl.	Parameter	Size	Explanation
1	RationCardID	20 character	Length and pattern is not uniform in all states.
2	MemberID	25 character	Length and pattern is not uniform in all states.
3	StateCode	2 character	In common web services, it is difficult to identify data belong to which state. (As per LGD Directory)
4	DistrictCode	3 character	District name is not required; all states will have to send the data as per district master already shared with each state for dashboards. (District Code and state code is wrong then particular district data will be rejected from central repository team.) (As per LGD Directory)

5	EncryptedUID	48 character	States will have to use common encryption method so that encryption at state level and decryption at central repository level should be same.
6	Member Name	99 character	
7	Head of Family Flag	1 character	Instead of name we can take just HOF flag so that size will be reduced (In database field is as integer.)
8	Gender	2 character	01: Male, 02: Female, 03: Transgender, 04: Not Available
9	Card Type	3 character	e.g. AAY, PHH, OTH for other
10	FPS Code	25 character	Pattern is not uniform in all states
11	DFSO Code	4 character	
12	AFSO Code	3 character	
13	DOB	8 character	DDMMYYYY
14	Age	3 character	In database, this field as integer.
15	Address	150 character	
16	Father Name	99 character	
17	Mother Name	99 character	
18	Spouse Name	99 character	