



# **Management Information System and Other Tools for Management and Monitoring Field Enumeration : Bangladesh Experience**

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# INTRODUCTION:

Bangladesh has a long history of undertaking Census.

The first census in the territory now constituting Bangladesh was held in 1872 as a part of British India. Thereafter, Censuses were taken in the 1<sup>st</sup> year of every decade such as 1881, 1891, 1901 and so on. This practice continued up to 1961. The Census due in 1971 could not be undertaken due to great liberation war.

The first census of Independent Bangladesh was conducted in 1974 and thereafter, following decennial periodicity Censuses were conducted in 1981, 1991, 2001 and last one in 2011.

The 2020 round of census in Bangladesh will be held in 2021



# IMPORTANCE OF MANAGEMENT INFORMATION SYSTEM

- ❖ To get up to date information
- ❖ Communicate with field forces
- ❖ Reporting tools for real time monitoring
- ❖ Identifying problems and taking appropriate corrective measures



# **BANGLADESH PRACTICE IN MANAGEMENT INFORMATION SYSTEM IN PAST CENSUSES.**

Assigning Responsibility at Different Levels

Formation of Census Committees

Identification of Workload of Enumerators Through Pretests and Pilot studies

Conducting Pre-census Zonal Operation (Field work to delineate enumeration area boundary and mapping, identify enumerators and supervisors etc. for census enumeration )

Identification of Training Centers for imparting Training of Enumerators and Supervisors

# BANGLADESH PRACTICE IN MANAGEMENT INFORMATION SYSTEM IN PAST CENSUSES.



## Official Hierarchy of Censuses in Bangladesh

Sl. no	Official Designation	Census Responsibility	No
01	Secretary Statistics and Informatics Division (SID)	Chief Census Coordinator	01
02	Director General BBS	Census Commissioner/National Coordinator	01
03	Additional Secretary SID/Deputy Director General BBS	Additional National Coordinator	04 ( May vary on the number of officers available)
04	Director/ Joint Director BBS	Divisional Coordinator	8 ( May be more depending on the volume of work)
05	Deputy Director/ Statistical Officer, BBS	District Coordinator/ Coordinator for City Corporations	75 ( May be more depending on the volume of work)
06	SO/ASO/USO	Upazila (sub-district ) Coordinator	500(approx.)
07	ASO/SI/CO/ SA/JSA	Zonal officer (coordinator of a a part of a Subdistrict, Pourashava,ward, etc)	3000 (approx.)

# BANGLADESH PRACTICE IN MANAGEMENT INFORMATION SYSTEM IN PAST CENSUSES (CONTD)



## Census Committees

In order to provide support for the complete coverage, building awareness among people, select proper enumerators & supervisors, ensure storage of census materials and transportation to the field level and involve all stakeholders in census process census committees are formed in Divisions, districts, city corporations, upazilas, pourashavas, unions/ wards .



# BANGLADESH PRACTICE IN MANAGEMENT INFORMATION SYSTEM IN PAST CENSUSES (CONTD.)

## Setting Control Rooms:

In order to ensure supply of census materials , including questionnaire during field enumeration, control rooms are set during census field operation at Head quarter, district, upazila, union / ward levels.

These control rooms are operated round the clock during census enumeration.



## **BANGLADESH PRACTICE IN MANAGEMENT INFORMATION SYSTEM IN PAST CENSUSES (CONTD.)**

### **Spot Check:**

As the enumeration time of census is very short ( 3-5 days), therefore, spot checks are made by the supervisors and senior level coordinators in the 1<sup>st</sup> day of enumeration to verify whether the enumerators are filling the questionnaire properly. In case any mistakes are observed, corrective measures are taken at the initial stage to ensure quality of enumeration.



## **BANGLADESH PRACTICE IN MANAGEMENT INFORMATION SYSTEM IN PAST CENSUSES (CONTD.)**

### **Higher level supervision;**

In order to ensure quality of census enumeration, the chief coordinator, national coordinator and deputy national coordinators also visit different areas and instruct the concerned officials to ensure proper coverage of the census and to take whole of the government approach in this very important task of national interest.



## **BANGLADESH PRACTICE IN MANAGEMENT INFORMATION SYSTEM IN PAST CENSUSES (CONTD.)**

### **Telephone Calls:**

In the context of Bangladesh, the list of eminent persons like ministers, MPS, Senior Civil & Military officers, journalists, professors, poets, literary persons, CIPS, local elected representatives are collected ahead of field enumeration along with their contact number. In the last day of enumeration these persons are contacted to ensure whether they are covered in the census. In some cases the census enumeration is started with them.



# BANGLADESH PRACTICE IN MANAGEMENT INFORMATION SYSTEM IN PAST CENSUSES (CONTD.)

## Quick Inventory of Census Coverage

Immediately after census, a quick summary of households and population are prepared at all administrative level to ensure about coverage of the census and quick comparison are made to oversee the change over time . In case of serious/ unexpected difference with previous census, checks care made at every level to ensure about errors/omissions.

# PLANNING FOR THE IN MANAGEMENT INFORMATION SYSTEM IN UPCOMING 2021 CENSUS



## Prior House listing:

- ❖ For 2021 census, BBS has a plan of listing all households before actual census enumeration and will assign a number (geo code) to the households which will be used during actual enumeration.
- ❖ This will ensure the coverage of all household in main census.



## **PLANNING FOR THE IN MANAGEMENT INFORMATION SYSTEM IN UPCOMING 2021 CENSUS (CONTD.)**

- ❖ Data collection in the 2021 census will be done using different modes namely; e-mail, mobile apps, Computer assisted telephone interview (CATI), face to face interview in ICR form etc. Call centers will be established in national and sub national levels for CATI and to make liaison with field forces.
- ❖ A master data file will be created in HQ to integrate data collected in different modes using the geo codes assigned to every household during listing.
- ❖ GPS technology will be applied to locate the position of enumerators in census operation

# PLANNING FOR THE IN MANAGEMENT INFORMATION SYSTEM IN UPCOMING 2021 CENSUS (CONTD.)



- ❖ In order to cover the hard to reach households (Apartments) in Major Cities, prior contact with the owner associations, city corporation councilors will be involved.
- ❖ In possible cases drop and pick up of questionnaire may be made within the stipulated census period
- ❖ Vigorous publicity campaign will be made much ahead of time than previous censuses to aware all citizen in census.

# PLANNING FOR THE IN MANAGEMENT INFORMATION SYSTEM IN UPCOMING 2021 CENSUS (CONTD.)



- ❖ The whole of government approach will be ensured in 2021 census involving all government stakeholders
- ❖ The NGOs, boy scouts, girls guides and other voluntary organizations will be engaged to ensure awareness, quality control and effective coverage
- ❖ The census committees will be activated much ahead of time to ensure their full involvement in census



Thank you