



**Key Considerations for Planning and
Management of Census Operations: Bangladesh
Perspective based on**

POPULATION AND HOUSING CENSUS 2011

**Regional Workshop on the 2020 World Programme on
Population and Housing Censuses : International Standards
and Contemporary Technologies**

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Bangladesh Map



Presentation Outline :

- Resume of Censuses in Bangladesh
- Census Activities
- Data Dissemination
- Lessons learned





ভাদ্রকালী

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Resume of Census in Bangladesh :

- Bangladesh Bureau of Statistics (BBS) is legally mandated to conduct the population and housing census
- Census history in this territory
 - Pre-independence: 1872, 1881, 1891, 1901, 1911, 1921, 1931, 1941, 1951, 1961
 - Post-independence: 1974, 1981, 1991, 2001
 - Last one : During March 15-19 , 2011
- Population and housing census is conducted in Bangladesh decennially and the last one is the fifth census in independent Bangladesh

Key Consideration for Planning and management of Census operation

- **Stage 1 : Pre-census activities**
- **Stage 2 : During census activities**
- **Stage 3 : Post census activities**



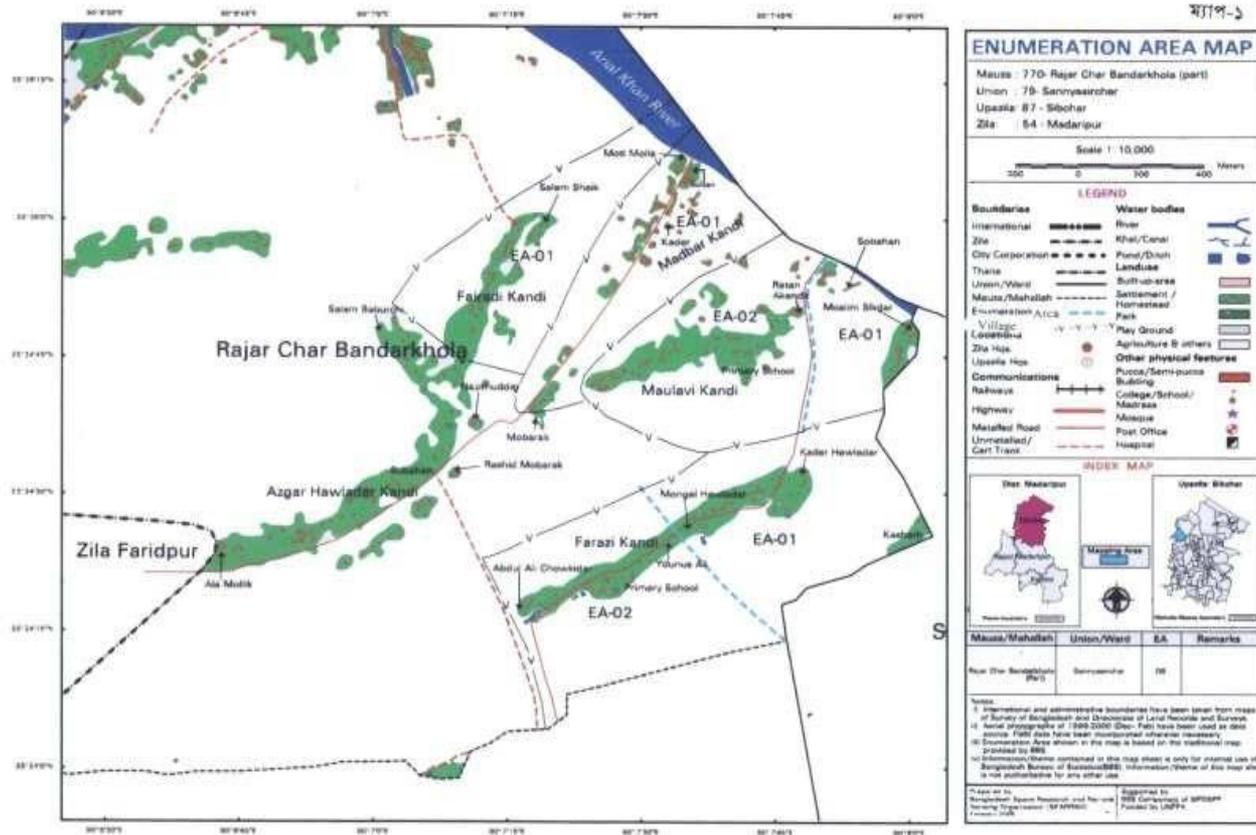
Stage 1 : Pre-census Activities :

1. Updating geo-codes and formation of Enumeration Area (EA) and supervisor maps
2. Designing and pre-testing of census questionnaire
3. Preparation of Verbatim training manual
4. Consultation with stakeholders
5. Formation of Census Committees
6. Pre-testing of Census Questionnaire
7. Printing of Questionnaire with quality assurance

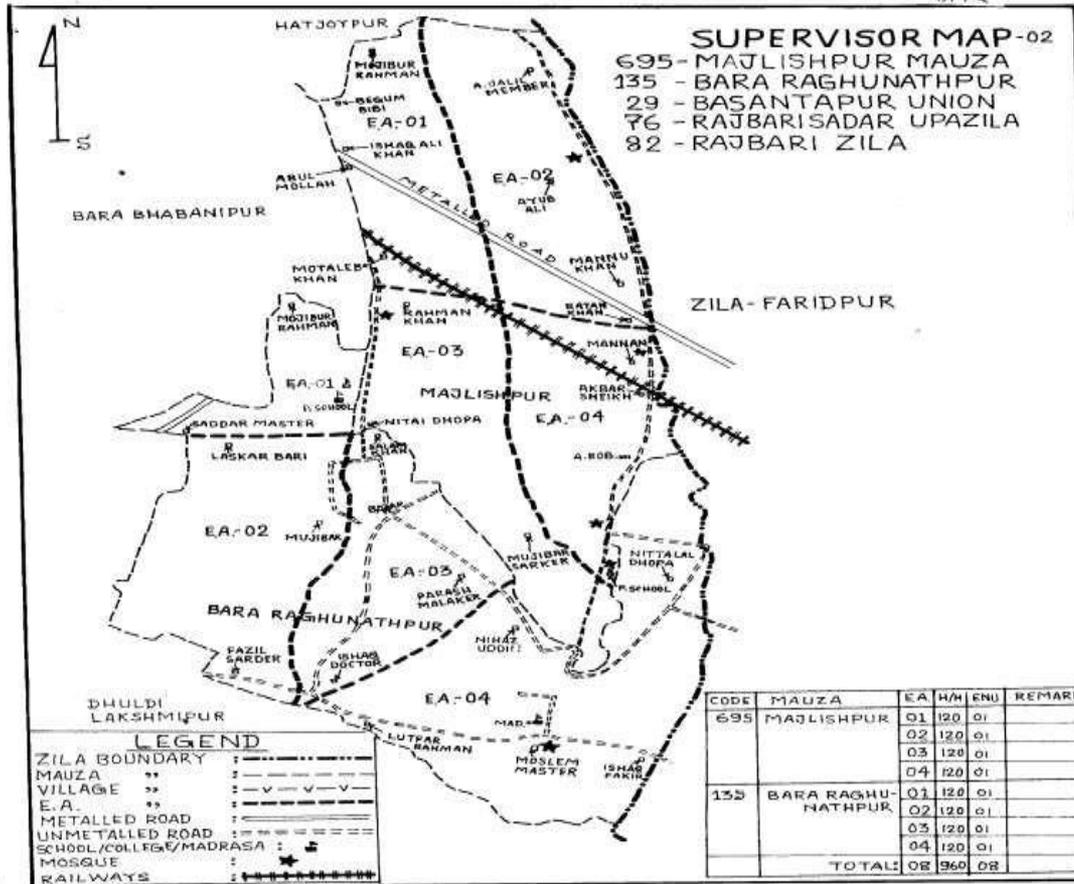
Stage 1 : Pre-census Activities (contd..)

8. Pilot Census for verifying overall preparation for the census
9. Preparation of enumerator and supervisor list
10. Selection of training centers
11. Preparation of audio-visual training package in CD & DVD
12. Preparation of publicity material and actuation of publicity
13. Imparting training to the District Census Coordinators(DCC)s and Zonal Officers (ZO)s.
14. Packing of census materials
15. Distribution of census materials

Mauza Map



Supervisor Area Map



Census Reference Period

- *Census moment:* Zero hour on 15 March, 2011
- *Census night:* Zero hour thru' 6 a.m. on 15 March, 2011
- *Census period:* 15 thru' 19 March, 2011

Census Publicity

- Census publicity arranged to create public awareness for census participation as follows :
 - Publicity through print and electronic media
 - Big size poster for public places
 - Brochure for institution
 - Miking for residential area and market
 - Banner for main public places
 - Sticker for vehicles
 - Postal stamp

Census Poster :



The poster features a woman in a white tank top and orange sarong holding a long wooden staff, standing on a grassy hill. In the background, there is a building with a flag. The text is in Bengali and provides information about the census dates and instructions.

আদমশুমারি ২০১১

১৫, ১৬, ১৭, ১৮ ও ১৯ মার্চ
মঙ্গল, বুধ, বৃহস্পতি, শুক্র ও শনিবার



- গণনাকারীকে সঠিক তথ্য প্রদান করুন
জাতীয় উন্নয়নে অংশ নিন
- গণনা থেকে কেহ বাদ পড়লে
তখনই গণনাকারীকে জানান



বাংলাদেশ পরিসংখ্যান ব্যুরো
পরিসংখ্যান বিভাগ, পরিকল্পনা মন্ত্রণালয়

Make active Local Level Census Committees

- Union Census Committee
- Upazila Census Committee
- Municipality/Paurashava Census Committee
- District Census Committee
- City Corporation Census Committee
- Ward census committee (in case of city corporation)

Motivational Campaign to the Citizen

- Appeal to the teachers-
(Let the students know the importance of census and motivate them to cooperate the enumerators)
- Appeal to public through the Religious Leaders and Religious Institution authority to provide accurate data to the enumerators.

Manpower Engagement Planning in the Census Operation in Bangladesh

- Chief Census Coordinator: 1
- National Census coordinator/ Census Commissioner : 1
- Deputy National Census Coordinator :2
- District Census Coordinator : 130
- Upazila / Thana Census Coordinator : 530
- Zonal Officer : 2612
- Supervisor : 48531
- Enumerator : 296718

Stage 2 : During Census Consideration

- Main count were taken place from 15-19 March, 2011
- The census calendar at a glance

Activities	No. of days	Date (as in 2011 census)	
Training for Master Trainers at BBS HQ	3	22-02-2011	24-02-2011
Training for Zonal Officers at District HQ	3	26-02-2011	28-02-2011
Holding Census Committee Meeting at Different Levels (Census Logistics sent to Divisions and Districts by Trucks)	3	02-03-2011	04-03-2011
Training for Enumerators and Supervisors (3 batches)	9	05-03-2011	13-03-2011
Main Count	5	15-03-2011	19-03-2011

Quality Control Management :

Close Supervision:

- i. One supervisor for every 5/6 enumerators
 - ii. One Zonal Officer for 2 Unions/Wards
 - iii. One UCC for each Upazila
 - iv. One DCC for each District or part of a big one
- Independent Check by observer group.
 - Use of quality EA and Supervisor Sketch map
 - Active participation of Local Census Committees
 - Recruitment of more educated female enumerators

Stage 3 : Post Census Activities

- Storing and Inventory of documents
- Data capture by ICR
- Data editing
- Compilation of preliminary report of community series and district series
- Data analysis and preparation of series and district series
- Preparation of manuscripts for National Report
- Development of database
- Conducting Post Enumeration Check (PEC)
- Carrying-out Sample Census

Technology Used

- Data is being Captured by using ICR machine
- iCADE software is used for data capturing
- CSPro is being used for data analysis
- Data capturing process and iCADE Software is supported by US Bureau of Census.

Post Enumeration Check (PEC)

- Post enumeration check was conducted independently under control and supervision of Bangladesh Institute of Development Studies (BIDS) during 10-14 April, 2011.
- PEC conducted in 280 enumeration areas
- Both the coverage and content errors will be determined judiciously
- Adjustment will be made to the census data as per standard procedure

Sample Census

- A large survey i.e., sample census was conducted to collect detailed socio-economic and demographic data to compliment the main census
- Estimation and preparation of demographic indicators
- Preparation of national and regional population projection
- 81 Questions with 10 Modules were used in the sample census

Tabulation plan

A tabulation plan has been prepared through input-output analysis :

- ❖ Disaggregation by Sex, Locality, Division and District
- ❖ Table number for tabulations of house and housing characteristics are preceded by H , community characteristics by C and Population characteristics by P.
- ❖ As per draft tabulation plan , there will be 38 Statistical table for district series, 18 for community series, 4 for national volume-2 and 139 for analytical report.

Dissemination Plans

Census results will be disseminated Through:

1. Printed reports-preliminary, national and community;
2. Data products-statement, tables, maps, charts, graphs;
3. Report and data -CD and DVD;
4. Report and data in Homepage-
(BBS website- www.bbs.gov.bd);
5. Seminar, Workshop and Press Conference

Publication of Reports

1. Preliminary report - 1
2. National series (analytical) volume 1
3. National series(union)- volume 2
4. Urban area report-volume 4
5. Demographic report-volume 3
6. District census report-64 volumes
7. Community report-64 volumes
8. Administrative report-volume 5

Reports will be made available in hard copy and CD and key information in website of BBS (www.bbs.gov.bd)

New Features in the Census 2011

- Introducing digital map
- Ensuring total involvement of field administration
- About 30% of ZOs and DCCs are from other organization
- Changing the questionnaire format
- Maximizing the number of female enumerators
- Supplying 'Training Manual' and 'Enumeration Area' map to all the enumerators and supervisors
- Providing audio-visual training in every level
- Introducing ICR in data capture

Lesson Learned

- Consistent and effective training improved quality of census data
- Wide publicity improved both coverage and quality of data
- Using same map by both the enumerator as well as the supervisor helped to control duplication and omission in the census.
- Local level committee were found very effective in motivating the public at large whole heartedly in providing actual data to the census workers.
- Audio-visual training is found to be very effective in dissemination of training concepts to the enumerators and supervisors.
- Female enumerators were found to be more sincere and acceptable to the respondent.
- It would have been better if Household listing was done during zonal operation

Conclusion

- Application of digital map at data collection, audio-visual and small group training at the training phase and rational distribution of work, good governance in census operation and application of ICR technology in data capture and data processing will hopefully end up with quality and credible results .



**Thank You
for your
Patience hearing**