

Computer Wing

Computer Wing of Bangladesh Bureau of Statistics (BBS) is a service oriented wing. It is responsible for data processing of different censuses and surveys conducted by BBS. Computer Wing is the pioneer to introduce Optical Mark Reader (OMR) and Optical Character Reader (OCR) technology in Bangladesh. Another important task of Computer Wing is to develop skilled manpower in ICT field and to provide support to different wings of BBS & other Govt. Organization in computer technology. Computer Wing preserves all census and survey data in electronic media and provides data to the users whenever they need. In other word, it is the data bank of all sources of BBS data.

The main functions of Computer Wing are as follows:

- Direct and coordinate all aspects of planning, installation, operation and maintenance of data, server-based applications and computer systems.
- Provide support and planning for network administration.
- Design and development of database and customized software to cope with the requirements of the BBS.
- Provide training to the end-user and build-up ICT sound manpower.
- Troubleshooting of software and hardware.
- Design and development of program to capture, edit & clean, analyze and tabulation of collected data of census and surveys conducted by BBS.
- Backup and recovery of database.
- Maintenance and updating of Geo-Code file.
- Assist in designing computer based questionnaire.
- Designing of census questionnaire for OMR and OCR.
- Implementation of optical data archive and networking system.
- Data preservation of all censuses and surveys conducted by BBS.
- Provide data to the user (researchers, academics, government, international organizations and donor agencies) whenever they need.

Major computing resources of Computer Wing of BBS are the followings:

a) Hardware:

Hardware Name	Number
Server	06
PC/Micro Computer	118
Laptop	01
OMR	05
OCR	04
Line Printer	02
Laser, Desk Jet, Dot Matrix Printer	15

b) Software:

Operating Systems	Unix, Windows 2000/XP, WINDOWS NT.
Application Software	MSoftware, IMPS, CPro, SPSS, STATA, Bangla software, various utility and anti-virus software etc.
Programming Language	Realia COBOL, FoxPro, Oracle, Visual Basic, Visual FoxPro, C++ etc.
Database	FoxPro, Oracle, STATA
OMR Software	: Scanman
OCR Software	: Eyes & Hands

C) Human Resources: About 150 trained (foreign & locally) personnel are engaged in processing of different census and survey data using various software in networking environment and stand alone system.