

## 10. ELECTRONIC DATA PROCESSING

The Electronic data processing (EDP) division provides computerized services for all departments in the TRC. The different departments have direct access to the data with their personal computers (PC). The EDP division is continuing to give data management support including data entry/verification to various studies undertaken in the Centre. Also, this division generates reports and prepares pre-printed forms for field activity and supply data tabulations for monitoring the studies and publication of research work. The EDP division completed the process of data entry and analyzed the data for the mortality survey conducted in Orissa and Andhra Pradesh states during the year.

Data entry and data management training were provided to the staff of RMRC, Jabalpur and MGIMS, Wardha for the "Prevalence of TB survey" during the year. The key requirements viz., data entry, information process and e-mailing has been maintained well. This division helps in providing audio-visual system for the presentation of research materials whenever conferences, meetings and trainings are being held.

The existing LAN facility has been well utilized by the researchers, students and trainees. The wireless internet facility was provided in the main building of TRC and at Madurai unit. Much care has been taken to prevent the attack of viruses by updating the anti-virus software in the network server at all times and checking all incoming e-mail for viruses.

This division helped in setting up the newly formed ICMR - Biomedical informatics centre (BMIC) under the guidance of the Director, TRC. For this purpose, ICMR has provided the equipments such as a network server, a laser printer, a scanner, four numbers of PIV desktop computers and a 5 kva UPS system.

Almost all of the break-down calls of computers and its peripherals were dealt under comprehensive annual maintenance contract. This includes managing the installation of the facilities and ensuring that the computers are maintained and kept up to-date. In this division, at present, five Data entry/verification operators, five Data processing assistants, one Network coordinator and one EDP-In charge are working.

The quantum of documents of epidemiological, clinical, laboratory and program based studies entered and verified from April 2006 to March 2007 is shown below.

No. of documents entered: 2,99,074

No. of documents verified: 2,55,644

A total of 1, 61,284 records were processed for the on-going second and third resurveys of Disease survey conducted at Tiruvallur district. Twenty two panchayats' pre-printed cards and 24 panchayats' person's alphabetical name-wise and household-wise lists were supplied for the third resurvey. The second resurvey data clean work has been taken for data analyses.

### **Data processing staff working in the EDP division**



### **Data entry staff working in the EDP division**



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