

ELECTRONIC DATA PROCESSING

The Electronic Data Processing (EDP) division provides computerized services to various departments in the TRC. All the departments have direct access to data with their personal computers. The EDP division is continuing to give data management support including data entry/verification to several studies undertaken at the Centre. Also, this division generates reports and prepares pre-printed forms for field activity, and supplies data tabulations for monitoring the studies, followed by publication of research work.

Data entry and data verification training was provided to a staff of JALMA, Agra for the "Prevalence of TB survey" during the month of March.

Data entry, information process and e-mailing are the key requirements of our research organization. These require a very secure and robust infrastructure. Much of the focus of the past year has been directed towards increasing the capacity of the existing IT infrastructure. Significant developments during the year include the up-gradation of network servers, completion of implementation of the new e-mail system of the staff, provision of a projector in each conference room and provision of a fast bandwidth link to the user desktop. We also completed replacing the network cabling throughout TRC and local hubs with switches and fiber uplinks to provide users with high bandwidth connection. The upgradation of the servers and other IT equipments that were undertaken in the previous year is being maintained during the current year.

This division helps in providing audio-visual system for the presentation of research materials during conferences, meetings and trainings that are regularly organised.

All breakdown calls of computers and its peripherals are dealt with under comprehensive annual maintenance contract. This includes managing the installation of facilities and ensuring that the computers are maintained and kept up to date.

The staff strength of this division comprises of four data entry/verification operators, five data processing assistants, one network coordinator (ICER project) and one division-in charge.

The quantum of documents of epidemiological, clinical, laboratory and program based studies entered and verified from April 2007 to January 2008 is shown below.

No. of documents entered: 2,20,200

No. of documents verified: 2,21,588

A total of 1,21,952 records were processed for the on-going second and third resurveys of disease survey conducted at Tiruvallur district. Thirty two panchayats' pre-printed cards, and 23 panchayats' person's alphabetical name-wise and household-wise lists were supplied for the third resurvey. The second resurvey data clean work was completed. The data analyses were done and a report has been prepared and sent for publication.

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