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**MIS Consultancy Trip Report**

**Pakistan Child Survival Project  
Islamabad, Pakistan**

**By Randy Wilson/MSH Boston  
21 October 1991**

**BEST AVAILABLE DOCUMENT**

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**Trip Report:** Pakistan Child Survival Project, Islamabad  
**Dates:** 10 September 8- 7 October 1991

1. PURPOSE OF VISIT:

This one-month consultancy was focused around developing the first computerized module of the Project Monitoring System and on helping the PCSP team develop a strategy for gathering clinic and household data using rapid assessment methods. Two field trips within Pakistan -- one to Saidu Sharif, the other to Lahore -- enabled me to obtain additional feedback on health monitoring indicators and to field test the initial prototype of the software developed.

2. SPECIFIC ACTIVITIES:

- a. **Development of software for Project Monitoring System:** The bulk of my time during this visit revolved around designing and developing the software for data entry and standard reporting for the Health Institutions Database (HID). This is an important first step in the computerization of both the Health Management Information System for Pakistan and the Project's own Monitoring System. (See the system documentation in Annex I).

This prototype system permits provinces to visualize the computerized system at an early stage of its evolution. By using this initial module, they will be able to perform rudimentary analyses and, perhaps more importantly, gain some experience with the data entry/query interface adopted. This will enable them to suggest modifications and improvements before other modules are added to the system.

The HID should also prove to be a useful training tool for future provincial and national workshops -- to help demonstrate the potential of computerized information systems -- while serving useful planning and operational purposes at both the provincial and national levels.

Developed in Foxpro 2, the software uses many of the latest database application techniques to ensure ease of use and data integrity. During my visit, I worked closely with Shafat Sharif, the project's Computer Specialist, and together we established the basic elements of the system's interface. This close collaborative development approach should ensure that Shafat will be able to manage much of the further debugging and refinement of this module with limited support from Boston.

- b. **Developing a Methodology for conducting Facility- and Household-Based Surveys (FBS/HBS):** Continuing a theme begun during my last visit, I conducted a couple of brainstorming sessions with Theo Lippeveld and staff from the Training Staff (Tara Upreti, Dr. Saleria, Dr. Rao and Rashid Khan) to determine practical data collection methodologies for project monitoring indicators.

One of the key goals of these surveys is to provide more objective measures of the success of the project's training interventions. In previous training sessions, evaluation had been limited to pre-test/post-test indicators of trainee knowledge. It was felt that any effort to determine whether or not the training had effected the quality of health care services -- i.e. physician and ultimately parental practice -- would require a combination of clinic and household level data.

Most of the indicators identified by the project monitoring system can be gathered through a "Supervisory Checklist" filled out by supervisors during visits to health facilities under their direction. Three important indicators should, by definition, be obtained from the mothers themselves:

- \* correct ORS use in the home by women who visited trained facilities and with children < 2 years old.
- \* exclusive breastfeeding for children < 4 months old
- \* correct weaning practices for children under 6 months.

Rather than attempting a case/control methodology to compare practices in trained vs non-trained districts, it has been decided to gather data pre- and post-intervention in trained districts alone. No attempt is being made to assess coverage of these interventions either nationally or within trained districts. What the training staff are asking is "Did those who were cared for by trained health workers exhibit correct health care behavior/practice?"

**Logistics:** Our initial discussions centered around a combined FBS and HBS. This would be conducted by Provincial PCSP staff, a representative from the district (probably an ADHO) and a female interviewer (e.g. Provincial Inspector of Health Services). They would travel in the Project vehicle and conduct the surveys once before training health facilities and again a reasonable time after staff had been trained. There were some concerns about the practicality of including a female interviewer. Using the female staff from facilities or from the province would be depleting an already limited resource (although it would be impossible to gather household level data from mothers without a female interviewer).

Assuming that each trained facility was to be evaluated, it seemed likely that the process of gathering data from all participating facilities would take about 5-6 days per session – with a day for the FBS and HBS combined at each facility. This seemed impractical, so it was suggested that a sampling methodology be developed to evaluate selected facilities. This would not permit facility-wise or trainee-wise comparison, but might produce useful results when data were aggregated to the district level.

**Sampling Methodology:** Because we're not interested in coverage data, a convenience sampling methodology was discussed for selecting households for interview. These could be either drawn from:

- (1) Registers: Surveyors would select children under 2 years of age treated at the facility during the last 4 months (the major problem with this approach would be trying to track down patients using limited address information contained in the registers)
- (2) Nearest Household Method: Surveyors would move from household to household interviewing mothers of children under 2 who had visited the facility in the last 4 months until an adequate sample size is obtained.
- (3) Exit Interviews of outpatients at the facility: This was felt to be the most practical approach although subject to the following biases:
  - (a) Frequent clinic attenders may differ from the general population in their health care practices
  - (b) Immediate recall. There is no guarantee, for example, that information learned the same day would be remembered 2 months later.
  - (c) Health care providers would be more careful during the presence of surveyors as they themselves are under scrutiny. It would be better to get patients who had been cared for under a more normal routine.

No firm conclusions were reached during our discussions, although I would recommend the following course of action:

- i. Continue discussions with an expanded group of team members. In particular, Duane Smith should provide valuable insight into sampling and LQAS methodology from his Agha Khan and WHO experience.
- ii. Reassess the value of household data, given that this exercise is more than just a trainee evaluation tool but serves as a proxy

- measure of project impact.
- iii. If it is determined that household data will be required, arrange for a consultant (perhaps Judy Seltzer from MSH/Boston) to:
    - (1) determine the ideal sampling methodology
    - (2) determine the number of respondents necessary to provide useful data for comparison:
      - (a) between trainees
      - (b) between facilities
      - (c) between districts
    - (3) draw up a draft questionnaire for the HBS. It has been suggested that this be analyzed at the facility level and then summarized data should be entered on the FBS checklist. This would then become the single data entry document for computerization in the Project monitoring system. These can be based on Judy's rapid assessment forms, although single questions like "Demonstrate preparation of oral rehydration solution" should be evaluated using a checklist conforming to the Pakistan National ORT guidelines, rather than the simple correct vs incorrect evaluation. This is important so that individual elements of the training message can be evaluated and selectively reinforced for future training sessions.
- c. **Participation in the NWFP Provincial Health Management Information Seminar, Saidu Sharif:** I spent 2 days participating in this provincial workshop where 30 doctors were brought together to discuss provincial HMIS indicators for eventual inclusion in the national HMIS. In addition, the workshop served important educational and consensus building functions.
- One important decision reached by the participants was to move towards a "health zone", or catchment area, approach to health services delivery. This will require another whole round of activities related to the delineation of catchment areas, but will provide useful denominators for much better management of service coverage. It will also open up a number of new opportunities for data processing, including the possibility of using mapping software to help with the catchment area mapping process. I was able to feed some of my Zaire experience with health zones into the small group discussions which I helped to facilitate. Being able to speak Urdu also helped considerably in these discussions, since many of the doctors were most comfortable speaking in Urdu or Pushtu.
- d. **Health Institutions Database prototype field testing, Lahore:** Shafat

and I spent 2 days in Lahore, testing and further developing the HID prototype software with provincial health ministry staff. Our first morning was spent in fairly animated discussions with Mr. Aamir Butt (Data Management Officer), Mr. Quayum (Statistical Officer) and the doctor on charge of the EPI program.

There was initial skepticism from Mr. Quayum because so much of the effort and training for the HMIS were to be directed at physicians, while they play only a small role in data collection and analysis.<sup>1</sup> He brought out a variety of reports that his office produced on a regular basis for the provincial ministry: facility listings, staffing summaries and even led us into a room full of artistically produced district maps identifying the location of all health facilities. Most of these reports were characterised by:

- i. a lack of any significant analysis (i.e. most were comprehensive lists with no summaries)
- ii. all required a very tedious and time consuming process to generate.
- iii. it was very difficult to keep data up-to-date and get a picture of the status of health institutions at any given time outside of the annual reporting cycle.

I then conducted a demonstration of the prototype software to the assembled group and gradually the skepticism turned to interest and even enthusiasm. Both Aamir Butt and Mr. Quayum provided useful suggestions about coding schemes and additional data which the system should include. I was able to make some of the modifications during the course of the day and Shafat converted some of his existing provincial facilities data into the HID file format so that the staff could use the prototype with some real – albeit incomplete data. We produced a number of summary reports using this data just to show the ease with which reports of different formats could be produced once the initial task of data entry was complete.

On the second day of our visit, I focused on completing suggested revisions of the software and configuring the UNICEF-provided Wang computer so that the staff could use it. (This was no mean feat, as Foxpro 2 conflicted with Wang's expanded memory manager and I had to explore a variety of configuration settings before I was able to get the

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<sup>1</sup> One issue that the HIS team will need to address is the role of statistical staff throughout the health system. It will be crucial to identify places where their efforts can be harnessed to improve data collection and analysis within the context of the National HMIS, as well as to develop a training strategy for this level of personnel.

Extended version to work.) Shafat spent much of the day helping Aamir Butt and other Data Center staff do preventive maintenance on their assortment of PC's and plan for the completion of the new Data Center.

Just before our departure, we were fortunate that the DG Health/Punjab, Dr. Mazahir Ali Hashmi, returned unexpectedly to his office and was able to make some time to meet with us. We discussed the purpose of our visit, the high degree of cooperation we had had from his staff in improving the continuously evolving prototype software, and showed him several of the reports that we had already produced from the existing data. We also put in a plea for the accelerated completion of the new data center, so that PCSP equipment destined for the province could be released.

Dr. Mazahir was very supportive and seemed to have a good grasp of the potential that computerization of some of his health services data could have for making his office more effective. He had two special requests:

- i. That DG level staff not be left out of the training plans when the system is introduced. He envisioned a day when he could have a PC in the office next to his so that he could perform ad hoc queries of the database on his own.
- ii. That we make a move to speed up the development of the Personnel module of the HID, so that it could be used to maintain some of the data that the Punjab is in the process of gathering. He asked Aamir Butt to provide me with a copy of the latest draft of the personnel information questionnaire and was eager to have our comments, before they sent the forms to all medical staff. The form is quite similar to the one that I had reviewed with Theo last year in helping to develop the initial structure of the HID. My key concerns are that the form is too exhaustive and that it contains several types of data -- some of it self reported, some of it to be gathered from provincial and district archives. Form filling and data processing would be enhanced if the questions were broken out into separate sections of the questionnaire with clear labelling indicating which parts were to be filled out at which level.

### 3. FOLLOW-UP:

- a. **Health Institutions Database:** A variety of activities need to be done to complete the development of the software for the HID. These include:
  - i. Obtaining additional input from the Provincial Health Ministries in NWFP, Sind, Baloochistan, etc.. (Shafat Sharif). This should probably happen during Shafat's visits to Provincial offices, when

- he will have time to demonstrate the application, make some modifications, install a working system on Provincial PCs, and train staff in it's use. Key areas to explore include:
- (1) report formats
  - (2) coding system
  - (3) developing user help system to make the software more user friendly.
  - (4) determine why some features do not seem to work on the compiled versions of the application.
- ii. Improving layout of and reviewing Data Entry Forms with Ministry staff (Shafat Sharif). A key point here is that the DG must approve any forms before they are set out to health facilities.
  - iii. Demonstrate the HID during the 2nd National HMIS workshop (Shafat Sharif). Key points to bring across are it's ease of use and the many ways that the data can be used: lists (complete and selected), data summaries, and exception reports (e.g what facilities do not have basic cold chain equipment). It will also be important public relations to show that some progress has been made on software development within the context of the HMIS.
  - iv. Complete debugging and programming of basic features of Module 1: This involves communicating with Foxpro to get software updates and including the following:
    - (1) A more flexible query generatory which is linked to a series of standard report formats in which the selected data can be printed.
    - (2) Adding context sensitive help screens.
    - (3) Activate the printer setup module.
  - v. Develop additional Modules:
    - (1) Training Module: (Shafat Sharif)
    - (2) PCSP Inputs: (Randy Wilson)
- b. **Facility- and Household-Based Surveys (FBS/HBS):**
- i. Theo to continue discussions with PCSP and Ministry staff.
  - ii. Randy to discuss with Judy Seltzer re: possible consultancy to design HBS methodology.
- c. **Plan for next visit:** This should be in April or May of 1991 to develop Monitoring and FBS/HBS Survey processing modules for HMIS.

## Appendix I: HEALTH INSTITUTIONS DATABASE DOCUMENTATION

# DRAFT

## Health Institutions Database

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# Health Institutions Database

## 1. System Overview:

This application represents the first phase in the computerization of Pakistan's Health Management Information System (HMIS). The Health Institutions Database is designed to record basic information about all First Level Care Facilities (FLCF) in Pakistan. It will then form the foundation of the HMIS, onto which other database applications will be linked. The diagram on the following page identifies this Module in the context of the larger HMIS.

Three sets of data are being gathered at this time, they include:

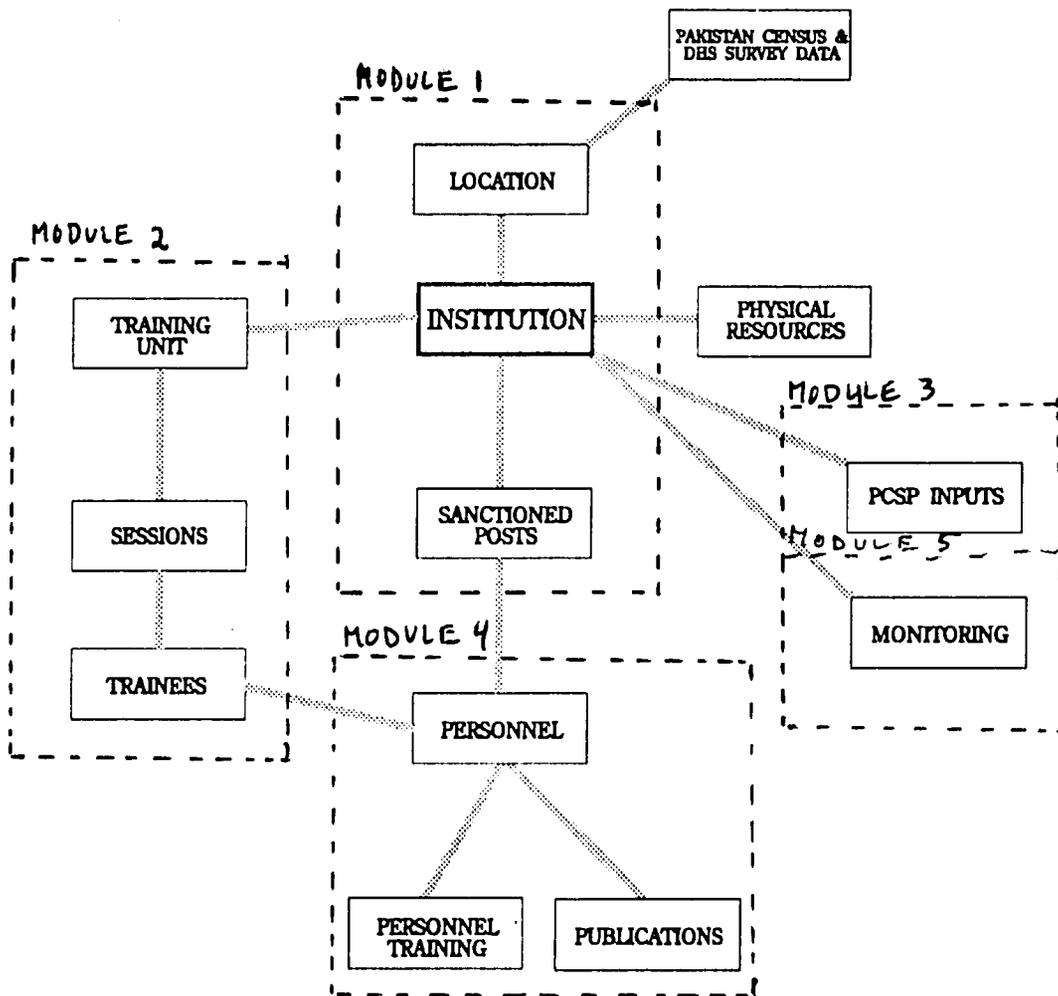
- a. **Health Institutions data:** This is limited to basic identification information about facility type, address, location and physical resources.
- b. **Sanctioned Posts data:** This includes names and types of Sanctioned posts in each facility and how many of them are filled. It does not at this stage include data on individual staff members.
- c. **Geographic Location data:** This is essentially a set of reference data files containing a standard coding system for all Provinces, Districts and Tehsils/Talukas in Pakistan. This will also contain population figures which permit calculation of various population based statistics such as no. of inhabitants per facility, per physician, etc... In addition, these population figures will help in determining coverage rates once the routine reporting system envisioned in the HMIS is complete.

## 2. Software Implementation Plan:

This software has been developed for implementation as a distributed database. Data entry and maintenance are to be carried out in each of the Provinces, as this is where the data should prove most useful for operational purposes. Given Pakistan's decentralized health care system, this is also where health institutions data naturally flows.

A National database will also be maintained at the Federal Level by the Basic Health Services Cell and the Pakistan Child Survival Project. This will be kept current by regular updates sent on computer disk from the Provincial Health Ministries. This data will be used for national health services planning and management.

### Structure of Pakistan's HMIS



1 Data diagram for HMIS

### 3. Hardware/Software requirements:

The HID has been developed using FoxPro 2, the latest version of a powerful database management software package, which incorporates many of the latest concepts in computer software interfaces. These include:

- SAA - style pulldown menus.
  - Full support for mouse users. A mouse is, in fact, recommended for speed and ease of use.
  - Complete data validation, with popup windows to display valid entries for most coded fields.
  - Character-based windows interface. This shares many features with graphic user interfaces (GUIs) such as MS-Windows or the Apple Macintosh, but without the heavy processing and memory requirements of a true GUI.
  - Integrated query and report modules.
  - Support for expanded memory and advanced micro-processors. The application is distributed in 2 versions:
    - INST.EXE, which will work on any PC with a minimum of 512k of free memory, and
    - INSTX.EXE, which requires a 386sx or faster processor and a minimum of 1.5 megabytes of expanded memory.
  - The application is a fully compiled and linked executable file which does not require any other database management software or special run-time modules. This increases the application's speed and protects the program code from tampering.
- a. *Software requirements:* To run the applications, the following files are required:
- i. INST.EXE or INSTX.EXE: these are the executable files that control the database application.
  - ii. PKZIP.EXE and PKUNZIP.EXE: these are used to compress and uncompress the data files when backing up and restoring data.
  - iii. Database and index files:
    - DISTRICT.DBF and .CDX
    - INSTAFIL.DBF and .CDX
    - INSTITUT.DBF and .CDX
    - INSTYPE.DBF and .CDX
    - PASSWORD.DBF and .CDX
    - POSTS.DBF and .CDX
    - PROVINCE.DBF and .CDX
    - TEHSIL.DBF and .CDX
    - TEMPDIST.DBF and .CDX
    - TEMPTEHS.DBF and .CDX
  - iv. Report files:
    - INS\_LST1.FRX

INS\_SUM2.FRX  
INSTALL.FRX

- v. A text file which holds the list required by PKZIP for making backups: BACKLIST.TXT
- b. **Hardware required:**
- i. An IBM PC with a hard disk with at least 10 megabytes of free space. The application itself and the file compression utility that is used for back-ups take just under 2 megabytes.
  - ii. To run the standard version, INST.EXE you will need a 286 PC or higher with at least 512k of free memory once dos and memory resident programs are loaded.
  - iii. To run the extended version, INSTX.EXE, you will need a 386sx PC or higher with at least 1.5 megabytes of expanded memory.
  - iv. A dot matrix or laser printer to print the various reports which are built into the system.

## USER DOCUMENTATION

1. **Main Menu Structure:** Most of the HID application modules are accessible through the pull-down menu. Mouse users can activate the menu by pressing the mouse button on the desired option and selecting an option from the sub-menu. Keyboard users must first activate the menu bar by pressing the <Alt> key and then using the left or right arrows to select the desired option. Pressing <Enter> will then reveal the sub-menu choices. In addition some options have been assigned hot-keys (e.g. Alt-I, which loads the Institution Application).

### a. System

About FoxPro...	=	Displays information about foxpro and your application's memory utilisation.
Help...	=	Provides context sensitive help for the foxpro users
-----		
Calculator	=	A pop-up calculator which is a useful desktop accessory when doing data entry, etc...
Calendar/Diary	=	A pop-up calendar and simple diary which is may be helpful for scheduling work and reviewing dates.

### b. File

-----		
Pack	=	Permanently removes deleted records from the database
Index	=	Reindexes all data files (maintenance function)
Back up	=	Runs PKZIP to compress all database and index files into one file that can be used for back-up and data transfer.
-----		
Printer Setup...	=	Permits installation of the appropriate printer driver for your hardware setup.
Print...	=	Prints a file
-----		
Quit	=	Quits the application

### c. Edit

Undo	=	If editing field contents this permits you to undo your change on the current field.
Redo	=	This reinstates changes that have been undone.
-----		
Cut	=	Lets you cut highlighted text from a field
Copy	=	Copies highlighted text to be pasted elsewhere
Paste	=	Pastes copied or cut text to the cursor location
Clear	=	Clears the active window or screen
-----		

- |                |   |   |
|----------------|---|---|
| Select All     | = | Selects the entire field  |
| -----          |   |   |
| Goto Line...   |   |   |
| Find...        |   |   |
| Find Again     |   |   |
| Replace And Fi |   |   |
| Replace All    |   |   |
| -----          |   |   |
| Preferences... |   |   |
|                |   |   |
| d. Application |   |   |
| Institutions   | = | Loads the data maintenance screens for the Health Institutions Database   |
| Posts          | = | Loads the posts maintenance screen if you wish to process post data without going through the Institution module. |
|                |   |   |
| e. Record      |   |   |
| Delete         | = | Deletes the current record  |
| Recall         | = | Recalls the current record if it has been deleted (but not packed)  |
|                |   |   |
| f. Reports     |   |   |
| Inst. Summary  | = | Runs the Institution Summary Report.  |
| Inst. List     | = | Runs the Institution List Report  |
| Inst. All data | = | Prompts for selection of one institution and then prints the complete record for that facility.                   |
|                |   |   |
| g. Window      | = | Controls display and activation of windows for keyboard users.  |
| Hide           |   |   |
| Hide All       |   |   |
| Show All       |   |   |
| Clear          |   |   |
| -----          |   |   |
| Move           |   |   |
| Size           |   |   |
| Zoom ^X        |   |   |
| Zoom ^Y        |   |   |
| Cycle          |   |   |
| Color...       |   |   |

2. **Control Panel:** In addition to the menu bar at the top of the screen, all data entry screens feature a menu bar which facilitates data entry and maintenance. This helps users move from record to record, find specific institution data, browse selected data. It also allows the user to Quit out of the Data entry module. The control panel looks like this.

< Find > < Prior > < Next > <Bottom > < Add > <Browse> < Quit >

When the panel is active, individual letters are highlighted and pressing one of these letters will activate that choice. You can also select any choice by pointing to the option with the cursor key and pressing <Enter> (With a mouse, just click on the desired option).

3. **Editing Data:** When the Institution Application is selected, all three data entry screens are loaded into separate windows. Pressing <PgDn> or <PgUp> moves from one window to the next. Pressing <Ctrl><F1> cycles between the windows and the Control Panel. To edit a particular field, move to it with the cursor or click on it with a mouse. The active field is highlighted so that you can more easily see where your cursor is. Note that when a field is highlighted in this manner, typing a character will erase the contents of the field! If you wish to change part of a field, move with the arrow key or the mouse pointer to the place where you want to insert or delete characters.

If you enter the last field on a screen, the next screen will automatically be displayed.

- a. Screens 1 and 2 of Health Institution data are processed identically.
- b. The Posts screen differs, in that it uses a browse mode, displaying many records at the same time. To edit a particular record, move down to it with an up or down arrow or page control key. Then move to the desired field using the left or right arrows.

4. **Adding Records:** When any of the data entry screens are displayed you can add new records. Again processing differs slightly between the first 2 screens and the Posts screen.

- a. To add a new institution record, select the < Add > option from the control panel using the mouse or cursor. When a new record is added, the first screen is always displayed. It is important to add data in the order that the fields are presented on the screen.
- b. To add additional posts, select the Posts browse window with the keyboard or mouse and then press <Ctrl>N. A new Institut Id. number will appear in the column and you can enter the remaining data in the row as you would do on a spreadsheet. Several of the fields are validated as you enter them, so if you make an error during entry, a message will flash up in the upper right hand corner of the screen. Posts can only added for the institution displayed.

5. **Deleting Records:** The method for deleting records also differes between the browse and fullscreen editing modes.

- a. To delete a record in full screen mode, select the Record option from the pull down menu, and pick Delete. A shortcut key is also available for this

(press <Ctrl>T).

- b. To delete a record in browse mode, move to the row that you want to delete and press <Ctrl>T.

It is important to note that Foxpro only marks records for deletion and excludes deleted records from reports and analyses. You can recall deleted records by the Recall option from the same pull-down menu. To remove them permanently from the database file, select the File option from the pull-down menu and choose Pack. This feature is only available when there are no records displayed on screen.

6. **File Maintenance:** Several menu options are dedicated to database file maintenance, which should be done regularly to ensure accurate data. These menu items are only activated when all data files are closed (i.e. you cannot back up the database when you are editing records). The following are the principal options:
  - a. **Pack:** This opens each of the data files and permanently removes any records marked for deletion.
  - b. **Reindex:** This opens each of the data files and reindexes them. Index files are normally updated automatically when you enter new records, but sometimes they can become damaged. Whenever there seem to be unexplained gaps between records, try the Reindex function. It is also necessary to reindex the files whenever you restore data from backed up files.
  - c. **Backup:** This should be done each time you finish adding a new set of records to the database or have done any significant editing of the data. It is good practice to back up the files at the end of each day when you are working with the database regularly. The backup utility uses PKZIP, a shareware file compression program to compress all of the data files into one file called INSTBACK.ZIP. This file is usually about 30 % the size of the original files. At the provincial level, this will mean that all of the data can be backed up onto a single floppy disk. If the file is bigger than 1.4 megabytes for a 3.5" disk drive, or 1.2 megabytes for a 5.25" disk drive, you will need to use the DOS Backup command to copy the file on to a series of floppy disks.
7. **Reports:** A number of reports have been included with the HID application and can be accessed through the pull-down menu's Reports option. Most of the reports include an option to create a record selection filter.

## 10. Data File Structure

-----

10 databases in the system

INSTITUT.DBF  
 PROVINCE.DBF  
 INSTYPE.DBF  
 DISTRICT.DBF  
 TEHSIL.DBF  
 INSTAFIL.DBF  
 POSTS.DBF  
 TEMPTEHS.DBF  
 TEMPDIST.DBF  
 PASSWORD.DBF

-----

Structure for database : INSTITUT.DBF

Number of data records : 1197

Last updated : 10/06/91 at 4:47

Field	Field name	Type	Width	Dec	Start	End
1	INST_ID	Character	10		1	10
2	INST_TYPE	Character	4		11	14
3	INST_NAME	Character	30		15	44
4	AFFILIATED	Character	4		45	48
5	DATE_ESTAB	Date	8		49	56
6	ADDR_1	Character	25		57	81
7	ADDR_2	Character	25		82	106
8	PHONE	Character	10		107	116
9	PHONE2	Character	10		117	126
10	PROV_CODE	Character	1		127	127
11	DIST_CODE	Character	3		128	130
12	TEHS_CODE	Character	5		131	135
13	VILLAGE	Character	35		136	170
14	CATCH_POP	Numeric	10		171	180
15	BEDS	Numeric	4		181	184
16	BEDS_FEM	Numeric	4		185	188
17	DIR_NAME	Character	30		189	218
18	RURAL_URB	Character	1		219	219
19	STATUS	Character	1		220	220
20	ENTRY_DATE	Date	8		221	228
21	LAST_UPDTE	Date	8		229	236
22	LAST_RENOV	Date	8		237	244
23	LABORATORY	Numeric	1		245	245
24	MICROSCOPE	Numeric	1		246	246
25	REFRIG	Numeric	1		247	247
26	COLD_BOXES	Numeric	1		248	248
27	STERILIZER	Numeric	1		249	249
28	EPI_THERM	Numeric	1		250	250
29	ORT_KIT	Numeric	1		251	251
30	NUTED_KIT	Numeric	1		252	252
31	BABY_SCALE	Numeric	1		253	253
32	ADLT_SCALE	Numeric	1		254	254
33	NUT_CENTRE	Numeric	1		255	255
34	ELECTRIC	Numeric	1		256	256
35	WATER	Numeric	1		257	257
36	LATRINE	Numeric	1		258	258
37	AMBULANCE	Numeric	2		259	260
38	AMB_FUNC	Numeric	2		261	262
39	JEEP_CAR	Numeric	2		263	264
40	JEEP_FUNC	Numeric	2		265	266
41	MOTORCYCLE	Numeric	2		267	268
42	MOTO_FUNC	Numeric	2		269	270
43	BICYCLE	Numeric	2		271	272

```

44 BIC_FUNC      Numeric      2          273      274
** Total **                275

```

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):  
: C:\FOXPRO2\INST\INSTITUT.CDX

FoxDoc did not find any associated report forms

Used by: STARTUP.SPR

```

-----
Structure for database : PROVINCE.DBF
Number of data records :      7
      Last updated : 09/30/91 at 2:41
Field  Field name  Type      Width  Dec   Start   End
   1   PROV_CODE   Character    1      1     1       1
   2   PROV_NAME   Character   11      2     2      12
** Total **                13

```

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):  
: C:\FOXPRO2\INST\PROVINCE.CDX

FoxDoc did not find any associated report forms

Used by: STARTUP.SPR

```

-----
Structure for database : INSTTYPE.DBF
Number of data records :     13
      Last updated : 10/06/91 at 1:33
Field  Field name  Type      Width  Dec   Start   End
   1   TYPE_CODE   Character   10      1     1      10
   2   TYPE_NAME   Character   20      1     11     30
** Total **                31

```

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):  
: C:\FOXPRO2\INST\INSTTYPE.CDX

FoxDoc did not find any associated report forms

Used by: STARTUP.SPR

```

-----
Structure for database : DISTRICT.DBF
Number of data records :    106
      Last updated : 10/06/91 at 2:38
Field  Field name  Type      Width  Dec   Start   End
   1   DIST_NAME  Character   25      1     1      25
   2   DIST_CODE  Character    3      2     26     28
   3   DIV_NAME   Character   15      2     29     43

```

4	PROV_CODE	Character	1	44	44
5	POP_89	Numeric	10	45	54
** Total **			55		

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):  
: C:\FOXPRO2\INST\DISTRICT.CDX

FoxDoc did not find any associated report forms

Used by: STARTUP.SPR  
: Institut.dist\_code val (function in C:\FOXPRO2\INST\INST.SPR)

-----

Structure for database : TEHSIL.DBF  
Number of data records : 311  
Last updated : 09/30/91 at 19:54

Field	Field name	Type	Width	Dec	Start	End
1	TEHS_NAME	Character	20		1	20
2	TEHS_CODE	Character	5		21	25
3	DIST_CODE	Character	4		26	29
4	PROV_CODE	Character	1		30	30
** Total **			31			

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):  
: C:\FOXPRO2\INST\TEHSIL.CDX

FoxDoc did not find any associated report forms

Used by: STARTUP.SPR  
: Institut.tehs\_code val (function in C:\FOXPRO2\INST\INST.SPR)

-----

Structure for database : INSTAFIL.DBF  
Number of data records : 6  
Last updated : 10/06/91 at 1:31

Field	Field name	Type	Width	Dec	Start	End
1	AFIL_CODE	Character	8		1	8
2	AFIL_NAME	Character	20		9	28
** Total **			29			

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):  
: C:\FOXPRO2\INST\INSTAFIL.CDX

FoxDoc did not find any associated report forms

Used by: STARTUP.SPR

-----

Structure for database : POSTS.DBF  
Number of data records : 1

Last updated : 10/06/91 at 1:42

Field	Field name	Type	Width	Dec	Start	End
1	INST_ID	Character	10		1	10
2	POST_CODE	Character	10		11	20
3	POST_NAME	Character	25		21	45
4	POST_CAT	Character	3		46	48
5	POST_TYPE	Character	5		49	53
6	GENDER	Character	1		54	54
7	NUMBER	Numeric	3		55	57
8	FILLED	Numeric	3		58	60
9	ENTRY_DATE	Date	8		61	68
10	LAST_UPDTE	Date	8		69	76
** Total **			77			

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):  
: C:\FOXPRO2\INST\POSTS.CDX

FoxDoc did not find any associated report forms

Used by: STARTUP.SPR

-----

Structure for database : TEMPTEHS.DBF  
Number of data records : 6  
Last updated : 10/06/91 at 3:02

Field	Field name	Type	Width	Dec	Start	End
1	TEHS_NAME	Character	20		1	20
2	TEHS_CODE	Character	5		21	25
3	DIST_CODE	Character	4		26	29
4	PROV_CODE	Character	1		30	30
** Total **			31			

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):  
: C:\FOXPRO2\INST\TEMPTEHS.CDX

FoxDoc did not find any associated report forms

Used by: STARTUP.SPR

-----

Structure for database : TEMPDIST.DBF  
Number of data records : 20  
Last updated : 10/06/91 at 4:47

Field	Field name	Type	Width	Dec	Start	End
1	DIST_NAME	Character	25		1	25
2	DIST_CODE	Character	3		26	28
3	DIV_NAME	Character	15		29	43
4	PROV_CODE	Character	1		44	44
5	POP_89	Numeric	10		45	54
** Total **			55			

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):

: C:\FOXPRO2\INST\TEMPDIST.CDX

FoxDoc did not find any associated report forms

Used by: STARTUP.SPR

-----

Structure for database : PASSWORD.DBF

Number of data records : 5

Last updated : 10/06/91 at 1:32

Field	Field name	Type	Width	Dec	Start	End
1	USER	Character	10		1	10
2	PASSWD	Character	10		11	20
3	LEVEL	Numeric	1		21	21
**	Total	**	22			

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):

: C:\FOXPRO2\INST\PASSWORD.CDX

FoxDoc did not find any associated report forms

Used by: STARTUP.SPR

-----

System: Health Institutions Database  
 Author: R.Wilson/S.Sharif  
 10/06/91 05:04:03  
 Database Field Summary

---

Field Name	Type	Len	Dec	Database
ADDR_1	C	25	0	INSTITUT.DBF
ADDR_2	C	25	0	INSTITUT.DBF
ADLT_SCALE	N	1	0	INSTITUT.DBF
AFFILIATED	C	4	0	INSTITUT.DBF
AFIL_CODE	C	8	0	INSTAFIL.DBF
AFIL_NAME	C	20	0	INSTAFIL.DBF
AMBULANCE	N	2	0	INSTITUT.DBF
AMB_FUNC	N	2	0	INSTITUT.DBF
BABY_SCALE	N	1	0	INSTITUT.DBF
BEDS	N	4	0	INSTITUT.DBF
BEDS_FEM	N	4	0	INSTITUT.DBF
BICYCLE	N	2	0	INSTITUT.DBF
BIC_FUNC	N	2	0	INSTITUT.DBF
CATCH_POP	N	10	0	INSTITUT.DBF
COLD_BOXES	N	1	0	INSTITUT.DBF
DATE_ESTAB	D	8	0	INSTITUT.DBF
DIR_NAME	C	30	0	INSTITUT.DBF
DIST_CODE	C	3	0	TEMPDIST.DBF
				DISTRICT.DBF
DIST_CODE	C	4	0	TEMPTEHS.DBF
DIST_CODE	C	3	0	INSTITUT.DBF
DIST_CODE	C	4	0	TEHSIL.DBF
DIST_NAME	C	25	0	TEMPDIST.DBF
				DISTRICT.DBF
DIV_NAME	C	15	0	DISTRICT.DBF
				TEMPDIST.DBF
ELECTRIC	N	1	0	INSTITUT.DBF
ENTRY_DATE	D	8	0	INSTITUT.DBF
				POSTS.DBF
EPI_THERM	N	1	0	INSTITUT.DBF
FILLED	N	3	0	POSTS.DBF
GENDER	C	1	0	POSTS.DBF
INST_ID	C	10	0	POSTS.DBF
				INSTITUT.DBF
INST_NAME	C	30	0	INSTITUT.DBF
INST_TYPE	C	4	0	INSTITUT.DBF
JEEP_CAR	N	2	0	INSTITUT.DBF
JEEP_FUNC	N	2	0	INSTITUT.DBF
LABORATORY	N	1	0	INSTITUT.DBF
LAST_RENOV	D	8	0	INSTITUT.DBF
LAST_UPDTE	D	8	0	POSTS.DBF
				INSTITUT.DBF
LATRINE	N	1	0	INSTITUT.DBF
LEVEL	N	1	0	PASSWORD.DBF
MICROSCOPE	N	1	0	INSTITUT.DBF
MOTORCYCLE	N	2	0	INSTITUT.DBF
MOTO_FUNC	N	2	0	INSTITUT.DBF
NUMBER	N	3	0	POSTS.DBF
NUTED_KIT	N	1	0	INSTITUT.DBF
NUT_CENTRE	N	1	0	INSTITUT.DBF
ORT_KIT	N	1	0	INSTITUT.DBF
PASSWD	C	10	0	PASSWORD.DBF
PHONE	C	10	0	INSTITUT.DBF
PHONE2	C	10	0	INSTITUT.DBF
POP_89	N	10	0	TEMPDIST.DBF

POST_CAT	C	3	0	DISTRICT.DBF
POST_CODE	C	10	0	POSTS.DBF
POST_NAME	C	25	0	POSTS.DBF
POST_TYPE	C	5	0	POSTS.DBF
PROV_CODE	C	1	0	PROVINCE.DBF
				TEHSIL.DBF
				TEMPDIST.DBF
				INSTITUT.DBF
				TEMPTEHS.DBF
				DISTRICT.DBF
PROV_NAME	C	11	0	PROVINCE.DBF
REFRIG	N	1	0	INSTITUT.DBF
RURAL_URB	C	1	0	INSTITUT.DBF
STATUS	C	1	0	INSTITUT.DBF
STERILIZER	N	1	0	INSTITUT.DBF
TEHS_CODE	C	5	0	TEHSIL.DBF
				TEMPTEHS.DBF
				INSTITUT.DBF
TEHS_NAME	C	20	0	TEMPTEHS.DBF
				TEHSIL.DBF
TYPE_CODE	C	10	0	INSTYPE.DBF
TYPE_NAME	C	20	0	INSTYPE.DBF
USER	C	10	0	PASSWORD.DBF
VILLAGE	C	35	0	INSTITUT.DBF
WATER	N	1	0	INSTITUT.DBF

---

## 11. Lookup tables and Validation Variables:

## STATUS.DBF

Record#	STAT_CODE	STATUS
1	A	ACTIVE
2	I	INACTIVE
3	U	UNKNOWN

## POSTCODE.DBF

Record#	POST_CODE	POST_CAT
1	MED	MEDICAL
2	NRSE	NURSING
3	PARA	PARA-MEDICAL
4	ADMI	ADMIN & GENERAL
5	SPRT	SUPPORT

## PROVINCE.DBF

Record#	PROV_CODE	PROV_NAME
1	1	PUNJAB
2	2	SIND
3	3	NWFP
4	4	BALUCHISTAN
5	5	AJK
6	6	FANA
7	7	FEDERAL

## ROADTYPE.DBF

Record#	ROADTYPE	DESCRIP
1	METALLED	METALLED ROAD
2	KATCHA	KATCHA ROAD
3	FOOTPATH	FOOTPATH ONLY

## INSTAFIL.dbf

Record#	AFIL_CODE	AFIL_NAME
1	1	STATE PUBLIC
2	2	STATE SPECIAL
3	3	LOCAL/MUNICIPAL
4	4	PRIVATE AIDED
5	5	PRIVATE NON-AIDED
6		UNKNOWN

## DISTRICT.DBF

Record#	DIST_NAME	DIST_CODE	DIV_NAME	PROV_CODE	POP_89
1	ATTOCK	101	RAWALPINDI	1	
2	RAWALPINDI	102	RAWALPINDI	1	
3	JHELUM	103	RAWALPINDI	1	
4	GUJRAT	104	GUJRANWALA	1	
5	SARGODHA	105	SARGODHA	1	
6	MIANWALI	106	SARGODHA	1	
7	FAISALABAD	107	FAISALABAD	1	
8	JHANG	108	FAISALABAD	1	
9	LAHORE	109	LAHORE	1	
10	GUJRANWALA	110	GUJRANWALA	1	
11	SHEIKHUPURA	111	LAHORE	1	
12	SIALKOT	112	GUJRANWALA	1	
13	D.G.KHAN	113	D.G.KHAN	1	
14	MUZAFFARGARH	114	D.G.KHAN	1	
15	MULTAN	115	MULTAN	1	
16	SAHIWAL	116	MULTAN	1	

17	BAHAWALPUR	117	BAHAWALPUR	1
18	BAHAWALNAGAR	118	BAHAWALPUR	1
19	RAHIM YAR KHAN	119	BAHAWALPUR	1
20	KASUR	120	LAHORE	1
21	VEHARI	121	MULTAN	1
22	KHUSHAB	122	SARGODHA	1
23	BHAKHAR	123	SARGODHA	1
24	TOBA TEK SINGH	124	FAISALABAD	1
25	OKARA	125	LAHORE	1
26	LEIAH	126	D.G.KHAN	1
27	RAJANPUR	127	D.G.KHAN	1
28	KHANEWAL	128	MULTAN	1
29	CHAKWAL	129	RAWALPINDI	1
30	BADIN	201	HYDERABAD	2
31	DADU	202	HYDERABAD	2
32	HYDERABAD	203	HYDERABAD	2
33	JACOBABAD	204	LARKANA	2
34	KAIRPUR	205	HYDERABAD	2
35	KARACHI CENTRAL	206	KARACHI	2
36	KARACHI EAST	207	KARACHI	2
37	KARACHI SOUTH	208	KARACHI	2
38	KARACHI WEST	209	KARACHI	2
39	KHAIRPUR	210	HYDERABAD	2
40	LARKANA	211	LARKANA	2
41	MITHI	212	HYDERABAD	2
42	NAUSHERO FEROZE	213	SUKKUR	2
43	NAWABSHAH	214	SUKKUR	2
44	SANGHAR	215	HYDERABAD	2
45	SHIKARPUR	216	LARKANA	2
46	SUKKUR	217	SUKKUR	2
47	THARPARKAR	218	HYDERABAD	2
48	THATTA	219	HYDERABAD	2
49	QUETTA	401	QUETTA	4
50	PISHIN	402	QUETTA	4
51	LORALAI	403	LORALAI	4
52	ZHOB	404	LORALAI	4
53	CHAGAI	405	QUETTA	4
54	SIBI	406	SIBI	4
55	NASIRABAD	407	NASIRABAD	4
56	KACCHI	408	NASIRABAD	4
57	KHOLU	409	SIBI	4
58	KALAT	410	KALAT	4
59	KHUZDAR	411	KALAT	4
60	KHARAN	412	KALAT	4
61	LASBELA	413	KALAT	4
62	TURBAT	414	MAKRAN	4
63	GWADAR	415	MAKRAN	4
64	PANJGUR	416	MAKRAN	4
65	DERA BUGHTI	417	SIBI	4
66	ZIARAT	418	SIBI	4
67	MUZAFFARABAD	501	AJK	5
68	POONCH	502	AJK	5
69	MIRPUR	503	AJK	5
70	KOTLI	504	AJK	5
71	BAGH	505	AJK	5
72	GILGIT	601	FANA	6
73	GANCHE	602	FANA	6
74	BALTIKISTAN	603	FANA	6
75	GHIZER	604	FANA	6
76	CHILAS	605	FANA	6
77	ISLAMABAD	701	ISLAMABAD	7
78	ABBOTTABAD	301	HAZARA	3
79	BAJAUR AGENCY	302	MALAKAND	3
80	BANNU	303	D. I. KHAN	3
81	CHARSADDA	304	PESHAWAR	3

82	CHITRAL	305	MALAKAND	3
83	D. I. KHAN	306	D. I. KHAN	3
84	DIR	307	MALAKAND	3
85	KARAK	308	KOHAT	3
86	KHYBER AGENCY	309	KOHAT	3
87	KOHAT	310	KOHAT	3
88	KOHISTAN	311	HAZARA	3
89	KURRAM AGENCY	312	KURRAM	3
90	MANSEHRA	313	HAZARA	3
91	MARDAN	314	MARDAN	3
92	MOHMAND AGENCY	315	PESHAWAR	3
93	N.WAZIRISTAN AGENCY	316	N.WAZIRISTAN	3
94	ORAKZAI AGENCY	317	ORAKZAI	3
95	PESHAWAR	318	PESHAWAR	3
96	S.WAZIRISTAN AGENCY	319	S.WAZIRISTAN	3
97	SWABI	320	MARDAN	3
98	SWAT	321	MALAKAND	3
99	UNKNOWN	199	UNKNOWN	1
100	UNKNOWN	299	UNKNOWN	2
101	UNKNOWN	399	UNKNOWN	3
102	UNKNOWN	499	UNKNOWN	4
103	UNKNOWN	599	UNKNOWN	5
104	UNKNOWN	699	UNKNOWN	6
105	UNKNOWN	799	UNKNOWN	7
106	MALAKAND	322	MALAKAND	3

## TEHSIL.DBF

Master index: C:\FOXPRO2\INST\TEHSIL.CDX Tag: TEHS\_CODE

Record#	TEHS_NAME	TEHS_CODE	DIST_CODE	PROV_CODE
1	ATTOCK	10101	101	1
2	FETEH JANG	10102	101	1
3	PINDI GHAP	10103	101	1
4	JAND	10104	101	1
240	UNKNOWN	10199	101	1
5	RAWALPINDI	10201	102	1
6	GUJAR KHAN	10202	102	1
7	KAHUTA	10203	102	1
8	MURREE	10204	102	1
241	UNKNOWN	10299	102	1
9	JHELUM	10301	103	1
10	PIND DADAN KHAN	10302	103	1
11	SOHAWA	10303	103	1
242	UNKNOWN	10399	103	1
12	GUJRAT	10401	104	1
13	KHARIAN	10402	104	1
14	PHALIA	10403	104	1
243	UNKNOWN	10499	104	1
15	SARGODHA	10501	105	1
16	BHALWAL	10502	105	1
17	SHAHPUR	10503	105	1
244	UNKNOWN	10599	105	1
18	MIANWALI	10601	106	1
19	ISAKHEL	10602	106	1
245	UNKNOWN	10699	106	1
20	FAISALABAD	10701	107	1
21	JARANWALA	10702	107	1
22	SUMMUNDARI	10703	107	1
246	UNKNOWN	10799	107	1
23	JHANG	10801	108	1
24	CHINIOT	10802	108	1
25	SHORKOT	10803	108	1
247	UNKNOWN	10899	108	1
26	LAHORE	10901	109	1
27	LAHORE CANTT	10902	109	1

248	UNKNOWN	10999	109	1
28	GUJRANWALA	11001	110	1
29	HAFIZABAD	11002	110	1
30	WAZIRABAD	11003	110	1
249	UNKNOWN	11099	110	1
31	SHEIKHUPURA	11101	111	1
32	FEROZEWALA	11102	111	1
33	NANKANA SAHIB	11103	111	1
250	UNKNOWN	11199	111	1
34	SIALKOT	11201	112	1
35	DASKA	11202	112	1
36	PASRUR	11203	112	1
37	NAROWAL	11204	112	1
38	SHAKAR GARH	11205	112	1
251	UNKNOWN	11299	112	1
39	D.G.KHAN	11301	113	1
40	TAUNSA	11302	113	1
252	UNKNOWN	11399	113	1
41	MUZAFFARGARH	11401	114	1
42	ALIPUR	11402	114	1
43	KOT ADDU	11403	114	1
253	UNKNOWN	11499	114	1
44	RAJANPUR	11501	115	1
45	ROJHAN	11502	115	1
46	JAMPUR	11503	115	1
254	UNKNOWN	11599	115	1
47	SAHIWAL	11601	116	1
48	CHICHAWATNI	11602	116	1
49	PAKPATTAN	11603	116	1
255	UNKNOWN	11699	116	1
50	BAHAWALPUR	11701	117	1
51	AHMADPUR EAST	11702	117	1
52	HASILPUR	11703	117	1
53	YAZMAN	11704	117	1
256	UNKNOWN	11799	117	1
54	BAHAWALNAGAR	11801	118	1
55	HAROONABAD	11802	118	1
56	FORTABBASS	11803	118	1
57	MINCHINABAD	11804	118	1
58	CHISTIAN	11805	118	1
257	UNKNOWN	11899	118	1
59	RAHIMYAR KHAN	11901	119	1
60	KHANPUR	11902	119	1
61	LIAQATPUR	11903	119	1
62	SADIQABAD	11904	119	1
258	UNKNOWN	11999	119	1
63	KASUR	12101	121	1
64	CHUNIAN	12102	121	1
259	UNKNOWN	12199	121	1
65	VEHARI	12201	122	1
66	BUREWALA	12202	122	1
67	MAILSI	12203	122	1
260	UNKNOWN	12299	122	1
68	KHUSHAB	12301	123	1
69	NOORPUR	12302	123	1
261	UNKNOWN	12399	123	1
70	BHAKHAR	12401	124	1
71	KALURKOT	12402	124	1
72	MANKERA	12403	124	1
262	UNKNOWN	12499	124	1
73	TOBA TEK SINGH	12501	125	1
74	GOJRA	12502	125	1
75	KAMALIA	12503	125	1
263	UNKNOWN	12599	125	1
76	OKARA	12601	126	1

77	DEPALPUR	12602	126	1
264	UNKNOWN	12699	126	1
73	LAYYA	12701	127	1
79	CHOUBARA	12702	127	1
80	KAROR LAL ESAN	12703	127	1
265	UNKNOWN	12799	127	1
81	RAJANPUR	12801	128	1
82	ROJHAN	12802	128	1
83	JAMPUR	12803	128	1
266	UNKNOWN	12899	128	1
84	KHANEWAL	12901	129	1
85	KABIRWALA	12902	129	1
86	MIAN CHANNU	12903	129	1
267	UNKNOWN	12999	129	1
87	JACOBABAD	20101	201	2
88	GARHI KHAIRO	20102	201	2
89	THUL	20103	201	2
90	KHUND KOT	20104	201	2
91	KASHMOOR	20105	201	2
268	UNKNOWN	20199	201	2
92	SUKKAR	20201	202	2
93	ROHRI	20202	202	2
94	PANO AQIL	20203	202	2
95	GHOTKI	20204	202	2
96	MIR PUR MATHELO	20205	202	2
97	UBAURO	20206	202	2
269	UNKNOWN	20299	202	2
98	LARKANA	20301	203	2
99	SHEDAD KOT	20302	203	2
100	MIRO KHAN	20303	203	2
101	KAMBAR	20304	203	2
102	WARAH	20305	203	2
103	RATO DERO	20306	203	2
104	DOKRI	20307	203	2
270	UNKNOWN	20399	203	2
105	NAWABSHAH	20401	204	2
106	SAKRAND	20402	204	2
107	MORO	20403	204	2
108	NAUSHER FEROZE	20404	204	2
109	KANDIARO	20405	204	2
271	UNKNOWN	20499	204	2
110	KHAIRPUR	20501	205	2
111	GAMBAT	20502	205	2
112	KOT DIJI	20503	205	2
113	NARO	20504	205	2
114	MIRWAH	20505	205	2
115	FAIZ GUNJ	20506	205	2
272	UNKNOWN	20599	205	2
116	HYDERABAD	20601	206	2
117	TANDO MOHAMMAD KHAN	20602	206	2
118	HALA	20603	206	2
119	TANDO ALLAHYAR	20604	206	2
120	HYDERABAD CITY	20605	206	2
273	UNKNOWN	20699	206	2
121	DADU	20701	207	2
122	JOHI	20702	207	2
123	MEHAR	20703	207	2
124	KHAIRPUR NATHANISHAH	20704	207	2
125	SEHWAN	20705	207	2
126	KOTRI	20706	207	2
274	UNKNOWN	20799	207	2
127	MIRPUR KHAS	20801	208	2
128	DIGRI	20802	208	2
129	JAMESABAD	20803	208	2
130	UMERKOT	20804	208	2

131	SAMRO	20805	208	2
132	MITHI	20806	208	2
133	DIPLO	20807	208	2
134	CHACHRO	20808	208	2
135	NAGAR PARKAR	20809	208	2
275	UNKNOWN	20899	208	2
136	SANGHAR	20901	209	2
137	SINJHORO	20902	209	2
138	SHADADPUR	20903	209	2
139	TANDO ADAM	20904	209	2
140	KHIPRO	20905	209	2
276	UNKNOWN	20999	209	2
141	THATTA	21001	210	2
142	MIRPUR SAKRO	21002	210	2
143	KETI BUNDAR	21003	210	2
144	GHORABARI	21004	210	2
145	SAJAWAL	21005	210	2
146	MIRPUR BATHARO	21006	210	2
147	JATI	21007	210	2
148	SHAH BUNDER	21008	210	2
149	KHARO CHAN	21009	210	2
277	UNKNOWN	21099	210	2
150	KARACHI EAST	21101	211	2
151	KARACHI WEST	21102	211	2
278	UNKNOWN	21199	211	2
152	BADIN	21201	212	2
153	GOLARCHI	21202	212	2
154	MATLI	21203	212	2
155	TANDO BAGO	21204	212	2
279	UNKNOWN	21299	212	2
156	SHIKARPUR	21301	213	2
157	KHANPUR	21302	213	2
158	GARI YASIN	21303	213	2
159	LAKHI	21304	213	2
280	UNKNOWN	21399	213	2
160	ABBOTTABAD	30101	301	3
161	HARIPUR	30102	301	3
281	UNKNOWN	30199	301	3
162	MARDAN	30201	302	3
163	SAWABI	30202	302	3
282	UNKNOWN	30299	302	3
164	PESHAWAR	30301	303	3
165	CHARSADDA	30302	303	3
166	NOSHERA	30303	303	3
283	UNKNOWN	30399	303	3
167	KOHAT	30401	304	3
168	HANGU	30402	304	3
284	UNKNOWN	30499	304	3
169	SWAT	30501	305	3
170	AL PURI	30502	305	3
171	DAGAR/BUNER	30503	305	3
285	UNKNOWN	30599	305	3
172	DIR	30601	306	3
173	WARI	30602	306	3
174	TEMEGARA	30603	306	3
175	JANDOO	30604	306	3
286	UNKNOWN	30699	306	3
176	CHITRAL	30701	307	3
177	MASTUJ	30702	307	3
287	UNKNOWN	30799	307	3
178	D. I. KHAN	30801	308	3
179	KULACHI	30802	308	3
180	TANKI	30803	308	3
288	UNKNOWN	30899	308	3
181	BANNU	30901	309	3

---

182	LAKKI MARWAT	30902	309	3
289	UNKNOWN	30999	309	3
183	DASSU	31001	310	3
184	PATTAN	31002	310	3
290	UNKNOWN	31099	310	3
185	MANSAHRA	31101	311	3
186	BATAYRAM	31102	311	3
187	BALA KOT	31103	311	3
188	F.R. KALA DHAKA	31104	311	3
291	UNKNOWN			

## 12. Menu File Summary

-----  
 1 menu file in the system  
 INST1.MNX  
 -----

```

INST1.MNX                Last updated:  10/06/91 at  2:02

  System                  ALT+S    (Submenu _MSYSTEM)
    About FoxPro...      _MST_ABOUT
    Help...              F1      _MST_HELP
    -----             _MST_SP100
    Calculator            _MST_CALCU
    Calendar/Diary       _MST_DIARY
  File                    ALT+F    (Submenu _MFILE)
  -----             _MFI_SP100
    Pack                 (Procedure)
    Index                (Procedure)
    Back up              (Procedure)
    Close All            _MFI_CLALL
    -----             _MFI_SP200
    Printer Setup...    _MFI_setup
    Print...             _MFI_PRINT
    -----             _MFI_SP300
    Quit                 DO mexit IN inst1.mpr
  Edit                    ALT+E    (Submenu _MEDIT)
    Undo                 CTRL+U  _MED_UNDO
    Redo                 CTRL+R  _MED_REDO
    -----             _MED_SP100
    Cut                  CTRL+X  _MED_CUT
    Copy                 CTRL+C  _MED_COPY
    Paste                CTRL+V  _MED_PASTE
    Clear                _MED_CLEAR
    -----             _MED_SP200
    Select All           CTRL+A  _MED_SLCTA
    -----             _MED_SP300
    Goto Line...         _MED_GOTO
    Find...              CTRL+F  _MED_FIND
    Find Again           CTRL+G  _MED_FINDA
    Replace And Find Again CTRL+E  _MED_REPL
    Replace All          _MED_REPLA
    -----             _MED_SP400
    Preferences...      _MED_PREF
  Application             ALT+A    (Submenu APPLICATIO)
    Institutions        ALT+I    DO mhit IN inst1.mpr
  WITH "inst.SPR"
    Posts               ALT+P    do mhit in inst1.mpr
  with "posts.spr"
    Record              (Submenu RECORD)
    Delete              CTRL+T  (Procedure)
    Recall              CTRL+R  (Procedure)
  Reports                (Submenu REPORTS)
    Inst. Type Summary (Procedure)
    Inst. Class Summary (Procedure)
    Inst. List          (Procedure)
    Inst. All data      (Procedure)
  Window                 ALT+W    (Submenu _MWINDOW)
    Hide                _MWI_HIDE
    Hide All            _MWI_HIDEA
    Show All            _MWI_SHOWA
    -----             _MWI_SP100
    Move                CTRL+F7  _MWI_MOVE
    Size                CTRL+F8  _MWI_SIZE
  
```

---

Zoom ^X	CTRL+F10 _MWI_ZOOM
Zoom ^Y	CTRL+F9 _MWI_MIN
Cycle	CTRL+F1 _MWI_ROTAT
Color...	_MWI_COLOR
-----	_MWI_SP200
Command	CTRL+F2 _MWI_CMD
Debug	_MWI_DEBUG
Trace	_MWI_TRACE
View	_MWI_VIEW

---

13. Screen File Summary

9 screen files in the system

- BROWSER.SCX
- INST.SCX
- CONTROL2.SCX
- STARTUP.SCX
- INST2.SCX
- REPORT.SCX
- POSTS.SCX
- INSTFIND.SCX
- CONTROL3.SCX

BROWSER.SCX Last updated: 10/01/91 at 11:46

```

0          1          2          3          4          5          6
012345678901234567890123456789012345678901234567890123456789
0
1 Database  11: dx.... Order  7: tg.....
2
3          Criteria..
4 5: qp.....
5 .....
6 .....
7 .....
8 .....
9 .....
10
11 <Delete >  < ^X >  < ^Y >  < Group >
12
13
14 1: fieldna  =  3: sought..... < Add >
15
16
17
18          << Browse >>  < Reset >  < Quit >
    
```

Window name: Locate  
 Coordinates: FROM 0,0 TO 0,60  
 Window options: FLOAT CLOSE MINIMIZE SHADOW

Name	Type	Picture
1: fieldname	Popup	"@^ "
2: op	Popup	"@^ =;<>;<;>;<=>;>=;==;IN"
3: sought	Field	"@K!"
4: ad	Push button	"@*VN Add"
5: qp	List	"@&N"
6: bact	Push button	"@*HN Delete;^X;^Y;Group"
7: tg	Popup	"@^ "
8: qy	Push button	"@*HN \!Browse"
9: rs	Push button	"@*VN Reset"
10: qt	Push button	"@*VN \?Quit"
11: dx	Popup	"@^ "

INST.SCX Last updated: 10/06/91 at 3:06

HID Screen - 1

```

0          1          2          3          4          5          6          7
0123456789012345678901234567890123456789012345678901234567890123456789
0
1      Inst ID: 12: instit                               Rec#: 10: re 11:
2      Name: 1: inst_name.....                          Type: 3: i
3      City/Vill: 2: village.....                        Class: 4: 13: instafil.
4
5      Post.Addr: 6: addr_1.....                          Phone(s): 8: phone..
6      7: addr_2.....                                    9: phone2.
7
8
9      Location: 1 Province: 15: provinc
10     17: Distt: 18: district.dist_na Div:16: district.di
11     19: t 29: II: 20: tehsil.tehs_name
12
13     Incharge: 21: dir_name.....
14
15     Catchment Pop: 22: catch_      Rural/Urban: 2      Entered: 24: inst
      Beds: Total: 25: Female: 26:      Status: 2          L.Update: 28: inst

```

-----  
Window name: Instdata  
Coordinates: FROM 2,1 TO 2,75  
Window options: FLOAT CLOSE MINIMIZE SHADOW  
-----

Name	Type	Picture
1: institut.inst_name	Field	"@!K"
2: institut.village	Field	"@!K"
3: institut.inst_type	Field	"@k!"
4: institut.affiliated	Field	"@!K"
5: institut.date_estab	Field	"@K!"
6: institut.addr_1	Field	"@k"
7: institut.addr_2	Field	"@k"
8: institut.phone	Field	"@K "
9: institut.phone2	Field	"@K"
10: recno()	Field	"99,999"
11: IIF(deleted(),"del",	Field	"@T"
12: institut.inst_id	Field	
13: instafil.afil_name	Field	
14: institut.prov_code	Field	"@k"
15: province.prov_name	Field	
16: district.div_name	Field	
17: institut.dist_code	Field	"@k"
18: district.dist_name	Field	
19: institut.tehs_code	Field	"@k"
20: tehsil.tehs_name	Field	
21: institut.dir_name	Field	"@!K"
22: institut.catch_pop	Field	"@k"
23: institut.rural_urb	Field	"@!K"
24: institut.entry_date	Field	
25: institut.beds	Field	"@K"
26: institut.beds_fem	Field	"@k"
27: institut.status	Field	"@K!"

28: institut.last\_updte Field  
29: IIF(province.prov\_coField

-----  
CONTROL2.SCX                    Last updated: 09/30/91 at 2:55

0            1            2            3            4            5            6            7

0123456789012345678901234567890123456789012345678901234567890123456789  
0 < Find > < Prior > < Next > <Bottom > < Add > <Browser> <\<Quit >

-----  
Window name: Control2  
Coordinates: FROM 22,2 TO 22,76  
Window options: FLOAT CLOSE MINIMIZE SHADOW

Name	Type	Picture
1: act2	Push button	"@*HN \<Find;\<Prior;\<Next;\<Bottom;\<Add;Bro\<wser;\?\<Quit"

STARTUP.SCX

Last updated: 09/30/91 at 17:54

```

0      1      2      3      4      5      6      7
8
0123456789012345678901234567890123456789012345678901234567
0
1
2
3
4      health
5
6      |
7      | | | |
8      |
9
10     |
11     |
12     |
13     |
14     |
15     |
16     |
17     |
18     |
19     |
20     |
21     |
22     |
23     |

```

1: mprovset

developed by the Pakistan Child Survival Project  
14-D West, Blue Area, Islamabad, Tel. 815818

Press any key to begin...

---

Name	Type	Picture
------	------	---------

---

1: mprovset	Field	
-------------	-------	--

---

INST2.SCX Last updated: 10/01/91 at 12:10

HID Screen - 2

0	1	2	3	4	5	6	7
0123456789012345678901234567890123456789012345678901234567890123456789							
0	Institution Type Name			City/Vill	Rec#:13: re	14:	
1	15: instit 16: 17: institut.inst_name.....			26: institut.village.....			
2	Date last renovated: 1: last_						
3							
4	{0}=None {1}=Exists/Non-Functional {2}=Exists/Functional						
5	Facilities:	2 Electricity	3 Piped Water	4 Public Toilet			
6							
7	PHC Equipment:	5 EPI Refrig.	8 Sterilizer	1 Baby Scale			
8		6 Vaccine Carrier	9 ORT Equipt.	1 Adult Scale			
9		7 EPI Therm.	1 Microscope(100x)				
10							
11			Total No.	Functional			
12	Transport:	Ambulances:	18	19			
13		Other Vehicles:	20	21			
14		Motorcycles:	22	23			
15		Bicycles:	24	25			

-----  
 Window name: Inst2  
 Coordinates: FROM 3,2 TO 3,77  
 Window options: FLOAT CLOSE MINIMIZE SHADOW  
 -----

Name	Type	Picture
1: institut.last_renov	Field	"@K"
2: institut.electric	Field	"@9k"
3: institut.water	Field	"@9k"
4: institut.latrine	Field	"@9K"
5: institut.refrig	Field	"@9k"
6: institut.cold_boxes	Field	"@9k"
7: institut.epi_therm	Field	"@9k"
8: institut.sterilizer	Field	"@9k"
9: institut.ort_kit	Field	"@9k"
10: institut.microscope	Field	"@9k"
11: institut.baby_scale	Field	"@9k"
12: institut.adlt_scale	Field	"@9k"
13: recno()	Field	"99,999"
14: iif(deleted(),"DEL",	Field	"!!!"
15: institut.inst_id	Field	
16: institut.inst_type	Field	
17: institut.inst_name	Field	
18: institut.ambulance	Field	"@k"
19: institut.amb_func	Field	"@k"
20: institut.jeep_car	Field	"@k"
21: institut.jeep_func	Field	"@k"
22: institut.motorcycle	Field	"@k"
23: institut.moto_func	Field	"@k"
24: institut.bicycle	Field	"@k"
25: institut.bic_func	Field	"@k"
26: institut.village	Field	

-----

REPORT.SCX

Last updated: 09/27/91 at 1:56

```

0          1          2          3          4          5
01234567890123456789012345678901234567890123456789
0
1
2   Order By:   2: repotag
3
4
5
6   [ ] Preview
7   [ ] To Print
8   [ ] To File 6: printfile.....
9
10

```

«\<Report >

<\<Cancel >

---

Name	Type	Picture
1: reportok	Push button	"@*VT \!\<Report; \? \<Cancel"
2: repotag	Popup	"@^ "
3: toprint	Check box	"@*C To Print"
4: tofile	Check box	"@*C To File"
5: Preview	Check box	"@*C Preview"
6: printfile	Field	

---

POSTS.SCX Last updated: 10/06/91 at 1:24

HID Screen - 3

0 1 2 3 4 5 6 7

0123456789012345678901234567890123456789012345678901234567890123456789

0 Institution Type Name City\Vill Rec#: 1: rec 2:  
 1 3: institu 4: i 5: institut.inst\_name.... 6: institut.village.....  
 2

3 Listing of all posts in this institution:

-----  
 Window name: Posts  
 Coordinates: FROM 4,3 TO 4,79  
 Window options: FLOAT CLOSE MINIMIZE SHADOW  
 -----

Name	Type	Picture
1: recno()	Field	"99,999"
2: iif(deleted(),"DEL",	Field	"!!!"
3: institut.inst_id	Field	
4: institut.inst_type	Field	
5: institut.inst_name	Field	
6: institut.village	Field	

-----

INSTFIND.SCX

Last updated: 09/27/91 at 5:29

Institution Finder

```

0           1           2           3           4           5           6
012345678901234567890123456789012345678901234567890123456789
0
1 1: findkey.....^
2 .....
3 .....
4 .....
5 .....
6 .....
7 .....
8 .....
9
  Select a record and press <Enter>

```

```

-----
Window name: Instfind
Coordinates: FROM 0,0 TO 0,59
Window options: FLOAT CLOSE MINIMIZE SHADOW
-----

```

Name	Type	Picture
1: findkey	List	"@&T"

CONTROL3.SCX Last updated: 10/01/91 at 8:36

0 1 2 3 4 5 6 7

0123456789012345678901234567890123456789012345678901234567890123456789  
 0 < Find > < Prior > < Next > <Bottom > < Add > <Browser> <\<Quit >

-----  
 Window name: Control3  
 Coordinates: FROM 22,2 TO 22,76  
 Window options: FLOAT CLOSE MINIMIZE SHADOW

-----

Name	Type	Picture
1: act3	Push button	"@*HN \<Find;\<Prior;\<Next;\<Bottom;\<Add;Bro\<wser;\?\<Quit"

-----

14. Report Form File Summary

3 report forms in the system  
 C:\FOXPRO2\INST\INS\_LST1.FRX  
 C:\FOXPRO2\INST\INS\_SUM2.FRX  
 C:\FOXPRO2\INST\INSTALL.FRX

C:\FOXPRO2\INST\INS\_LST1.FRX Last updated: 10/06/91 at 5:01

Report Contents

No.	Field	Length	Row	Column
1	date()	8	4	0
2	district.dist_name	25	8	9
3	province.prov_name	11	8	67
4	iif(instype.type_code="DISP", "DIS PENSARIES:", trim(instype.type_na me)+"S:")	20	14	0
5	trim(institut.inst_name)+iif(villa ge<>space(len(village)), "+vill age, """)	26	16	0
6	tehsil.tehs_name	20	16	28
7	institut.beds	5	16	49
8	institut.date_estab	8	16	55
9	iif(institut.status="A", "Active", iif(institut.status="I", "Inactiv e", iif(institut.status="U", "U/C onst.", "??")))	8	16	64
10	beds_ins	5	18	49
11	beds_dist	6	20	48
12	_pageno	4	24	68
		-----		
		146		
		=====		

Database and Program References

FoxDoc could not find an associated database

HEALTH INSTITUTIONS DATABASE  
LIST OF HEALTH INSTITUTION

Report Date:  
06/10/91

District: ATTOCK

Division:

Province: PUNJAB

Health Institution	Tehsil/Taluka	# of Beds	Date Establ.	Status
<u>DISPENSARIES:</u>				
DISTRICT HQ HOSPITAL,	ATTOCK	161	/ /	Active
		<u>S-Total:</u>	161	
<u>HOSPITALS:</u>				
CIVIL HOSPITAL,	ATTOCK	13	/ /	??
FEMALE HOSPITAL, HAZRO	ATTOCK	21	/ /	??
TEHSIL HQ HOSPITAL, HAZRO	ATTOCK	60	/ /	??
POLICE HOSPITAL, ATTOCK	ATTOCK	20	/ /	??
		<u>S-Total:</u>	114	
<u>DISPENSARIES:</u>				
MUNICIPAL CITY DISPENSARY,	ATTOCK	0	/ /	??
RURAL DISPENSARY, BHALLAR	ATTOCK	4	/ /	??
RURAL DISPENSARY, SHADI	ATTOCK	4	/ /	??
RURAL DISPENSARY, BURHAN	ATTOCK	4	/ /	??
RURAL DISPENSARY,	ATTOCK	4	/ /	??
RURAL DISPENSARY, CHHOI	ATTOCK	0	/ /	??
RURAL DISPENSARY, GONDAL	ATTOCK	4	/ /	??
RURAL DISPENSARY, MALHU	ATTOCK	4	/ /	??
RURAL DISPENSARY, BOOTA	ATTOCK	4	/ /	??
RURAL DISPENSARY, QUTBAL	ATTOCK	4	/ /	??
RURAL DISPENSARY, MELHU	ATTOCK	4	/ /	??
RURAL DISPENSARY, HUMAK	ATTOCK	4	/ /	??
R.C.D., GOLERA	ATTOCK	0	/ /	??
		<u>S-Total:</u>	40	
<u>S:</u>				
SCHOOL HEALTH UNIT, ATTOCK	ATTOCK	0	/ /	??
		<u>S-Total:</u>	0	
<u>T.B. CLINICS:</u>				
E.T.B. CLINIC, ATTOCK	ATTOCK	0	/ /	??
T.B. CLINIC, ATTOCK	ATTOCK	0	/ /	??
		<u>S-Total:</u>	0	
<u>RURAL HEALTH</u>				
PRIMARY RURAL HEALTH	ATTOCK	4	/ /	??
		<u>S-Total:</u>	4	

District:ATTOCK

Division:

Province: PUNJAB

Health Institution	Tehsil/Taluka	# of Beds	Date Establ.	Status
--------------------	---------------	-----------	--------------	--------

SUB-HEALTH CENTRES:

SUB HEALTH CENTRE, HAROON	ATTOCK	0	/ /	??
SUB HEALTH CENTRE, KAMRA	ATTOCK	0	/ /	??
SUB HEALTH CENTRE, BADHAR	ATTOCK	0	/ /	??

S-Total: 0

BASIC HEALTH UNITS:

BHU, GHOUR GHUSHTI	ATTOCK	0	/ /	??
BHU, GHOUR GHUSHTI	ATTOCK	0	/ /	??
BHU, BOLIANWAL	ATTOCK	0	/ /	??
BHU, SHAHIA	ATTOCK	0	/ /	??
BHU, HAMEED	ATTOCK	0	/ /	??
BHU, KOT SANDKI	ATTOCK	0	/ /	??
BHU, POUR MAINA	ATTOCK	0	/ /	??
BHU, SOJHANDA BATA	ATTOCK	0	/ /	??
BHU, KHUDDA	ATTOCK	0	/ /	??
BHU, AKHORI	ATTOCK	0	/ /	??
BHU, SARWALA	ATTOCK	0	/ /	??
BHU, DAKHNAIR	ATTOCK	0	/ /	??
BHU, HAJI SHAH	ATTOCK	0	/ /	??
BHU, KHAGWANI	ATTOCK	0	/ /	??
BHU, KOHLIA	ATTOCK	0	/ /	??
BHU, KHURAKHAIL	ATTOCK	0	/ /	??
BHU, KAMRA	ATTOCK	0	/ /	??

S-Total: 0

DISPENSARIES:

R.D., MALLAH MANSOOR	ATTOCK	4	/ /	??
----------------------	--------	---	-----	----

S-Total: 4

BASIC HEALTH UNITS:

BHU, KURA KHAIL	ATTOCK	0	/ /	??
BHU, KAMRA	ATTOCK	0	/ /	??

S-Total: 0

TOTAL: 323

Source:

C:\FOXPRO2\INST\INS\_SIT2.FRX Last updated: 10/06/91 at 5:01

-----  
 -----  
 Report Contents  
 -----

No.	Field	Length	Row	Column
1	date()	8	4	0
2	province.prov_name	11	7	35
3	district.dist_name	23	13	0
4	t_hosp	5	13	24
5	t_rhc	5	13	31
6	t_bhuc	5	13	38
7	t_disp	5	13	45
8	t_shc	5	13	52
9	t_mch	5	13	59
10	t_tbc	5	13	66
11	t_lc	4	13	73
12	p_hosp	6	16	23
13	p_rhc	6	16	30
14	p_bhuc	6	16	37
15	p_disp	6	16	44
16	p_shc	6	16	51
17	p_mch	6	16	58
18	p_tbc	6	16	65
19	p_lc	5	16	72
20	_pageno	4	22	74
		-----		
		132		
		=====		

-----  
 Database and Program References  
 -----

FoxDoc could not find an associated database

HEALTH INSTITUTIONS DATABASE  
**S U M M A R Y   O F   H E A L T H   I N S T I T U T I O N S**

Report Date:  
06/10/91

Division: Province: PUNJAB

Districts	Hosp	RHCs	BHUs	Disp	SHCs	MCH	TBCs
	18	23	152	101	20	0	6
ATTOCK	4	1	19	15	3	0	2
RAWALPINDI	11	12	68	54	0	0	3
GUJRAT	10	16	114	42	49	0	0
GUJRANWALA	8	15	97	32	50	0	4
SIALKOT	12	12	96	31	23	0	3
KHANEWAL	1	5	35	11	14	0	0
<b>TOTAL:</b>	<b>64</b>	<b>84</b>	<b>581</b>	<b>286</b>	<b>159</b>	<b>0</b>	<b>18</b>

Source:

C:\FOXPRO2\INST\INSTALL.FRX

Last updated: 10/01/91 at 10:50

## Report Contents

No.	Field	Length	Row	Column
1	date()	8	4	0
2	institut.inst_id	10	8	15
3	institut.inst_type	4	8	66
4	institut.inst_name	30	9	15
5	institut.affiliated	3	9	57
6	instafil.afil_name	15	9	61
7	institut.village	30	10	15
8	institut.date_estab	8	10	61
9	institut.addr_1	25	12	15
10	institut.phone	10	12	66
11	institut.addr_2	25	13	15
12	institut.prov_code	1	15	15
13	province.prov_name	11	15	36
14	institut.dist_code	3	16	15
15	district.dist_name	25	16	36
16	institut.tehs_code	5	17	15
17	tehsil.tehs_name	20	17	36
18	institut.dir_name	30	19	15
19	institut.catch_pop	10	21	18
20	institut.rural_urb	1	21	48
21	institut.entry_date	8	21	66
22	institut.beds	4	22	24
23	institut.status	1	22	48
24	institut.last_updte	8	22	66
25	institut.last_renov	8	26	27
26	institut.electric	1	28	15
27	institut.water	1	28	35
28	institut.latrine	1	28	54
29	institut.refrig	1	30	15
30	institut.sterilizer	1	30	35
31	institut.baby_scale	1	30	54
32	institut.cold_boxes	1	31	15
33	institut.microscope	1	31	35
34	institut.adlt_scale	1	31	54
35	institut.epi_therm	1	32	15
36	institut.ort_kit	1	32	35
37	institut.ambulance	2	36	37
38	institut.amb_func	2	36	48
39	institut.jeep_car	2	37	37
40	institut.jeep_func	2	37	48
41	institut.motorcycle	2	38	37
42	institut.moto_func	2	38	48
43	institut.bicycle	2	39	37
44	institut.bic_func	2	39	48
45	posts.post_code	10	45	3
46	posts.post_name	25	45	15
47	posts.post_cat	3	45	42
48	posts.post_type	5	45	47
49	posts.number	3	45	61
50	posts.filled	3	45	69
51	inst_sanc	5	47	59
52	inst_fild	5	47	67
53	DATE()	8	52	0

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54	_PAGENO	4	52	76
		-----		
		401		
		=====		

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Database and Program References  
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FoxDoc could not find an associated database

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15. **Data Entry Form:**

HEALTH INSTITUTIONS DATABASE  
COMPLETE LISTING OF HEALTH INSTITUTION DATA

Report Date:  
06/10/91

INSTITUTION IDENTIFICATION:

Inst ID	100001	Institution type	DISP
Name	DISTRICT HQ HOSPITAL	Class	III
City/Vill.	ATTOCK	Date Funct.	/ /
Address		Phone	
Location	1	Province	PUNJAB
	101	District	ATTOCK
	10101	Tehsil	ATTOCK
Incharge			
Catchment pop.	0	Rural/Urban	
No. of Beds	161	Status	A
		Entry date	01/10/91
		Last update	06/10/91

PHYSICAL RESOURCES

DATE LAST RENNOVATED: / /

FACILITIES:	0 Electricity	0 Piped Water	0 Public Toilet
PHC	0 EPI Refrigerator	0 Sterilizer	0 Baby scale
EQUIPMENT:	0 Vaccine carrier	0 Microscope	0 Adult scale
	0 EPI thermometer	0 ORT equipment	

	TOTAL	FUNCTIONING
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TRANSPORT:	Ambulances	0	0
	Other vehicles	0	0
	Motorcycles	0	0
	Bicycles	0	0

POSTS

POST CODE	DESIGNATION	BPS	CATEG.	SANCTIONED	FILLED
1	MOIC	17	MED	1	1
				1	1

# HEALTH INSTITUTIONS DATABASE DATA ENTRY FORM

OFFICE USE ONLY	
Inst. ID	<input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/>
Date: ...../...../.....	

## INSTITUTION IDENTIFICATION:

Name: <input style="width: 90%; height: 20px; border: 1px solid black;" type="text"/>		Inst. Type: <input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>
City/Village: <input style="width: 90%; height: 20px; border: 1px solid black;" type="text"/>		Class: <input type="checkbox"/>
		Date Functioning: <input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>
Address: <input style="width: 90%; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 90%; height: 20px; border: 1px solid black;" type="text"/>		Phone (s) : <input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>
LOCAT'N: Province:	<input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/>	
District:	<input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/>	
Tehsil:	<input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/>	
Catchment Population:	<input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/>	Rural/Urban: <input type="checkbox"/>
# of Beds: Total:	<input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>	Female: <input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>
		Status: <input type="checkbox"/>

Institute Type: [ADMN], [HOSP], [THOS], [MTAR], [RHC], [BHU], [DISP], [SHC], [MCH], [TBC], [LC]  
 Class: [1]-State Public, [2]-State Special, [3]-Local/Municipal Fund, [4]-Private Aided, [5]-Pvt. Non-aided,

## PHYSICAL RESOURCES:

Date Last Renovated:	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> - <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> - <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>		APPROACH ROAD	{ REPAVED PAVED FOOTPATH ONLY
Facilities	[0]=None [1]=Exists/non-functional [2]=Exists/functional			
	<input type="checkbox"/> Electricity	<input type="checkbox"/> Piped Water	<input type="checkbox"/> Public Toilet	
	<input checked="" type="checkbox"/> Approach Road			
PHC Equipment	<input type="checkbox"/> EPI Refrigerator	<input type="checkbox"/> Sterilizer	<input type="checkbox"/> Baby Scale	
	<input type="checkbox"/> Vaccine Carrier	<input type="checkbox"/> ORT Equipment	<input type="checkbox"/> Adult Scale	
	<input type="checkbox"/> EPI Thermometer	<input type="checkbox"/> Microscope (100x)		
Transport:		Total	Functional	
	Ambulances	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	
	Other Vehicles	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	
	Motorcycles	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	
	Bicycles	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	

(Posts Overleaf)

