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MANAGEMENT SCIENCES FOR HEALTH
A NONPROFIT INSTITUTION

MIS Consultancy Trip Report

**Pakistan Child Survival Project
Islamabad, Pakistan**

**By Randy Wilson/MSH Boston
July 29, 1993**

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ANNEXES:

- I. Sample Screen displays for Yearly Data Entry and other new features
- II. Catalogue of Feedback Reports completed, including sample print outs
- III. Sample Data Set Summary reports
- IV. Updated Users Guide for the HMIS/FLCF Reporting Module
- V. Updated Technical documentation for Reporting Module

July 29, 1993

Trip Report: Pakistan Child Survival Project, Islamabad

Dates: 6-20 July 1993

1. **Purpose of visit:** This visit was my last of 7 MIS consultancies I have made in the 3 year life of this project. Although only 14 days of TA time could be squeezed out of the remaining project funds, a very broad scope of work was proposed:
 - a. Testing and fine tuning of the Monthly Report application software
 - b. Creating data sets and application software for the processing of Yearly Report Data
 - c. Design of feedback reports for Monthly and Yearly FLCF Reports data.
 - d. Continue development of GIS capacity
 - e. Implement procedures to create selected data sets for use by other departments and programs in the Ministry (e.g. EPI, TB control, etc...)
 - f. Update the system documentation including the User's Guide and Technical Reference Manual.

2. **General Observations:** This was a very gratifying visit to Pakistan -- although it was sad saying goodbye to the team that I have been a regular part of over the past 3 years. Both the Health Institutions Database and the Monthly Reports modules have been implemented in a variety of locations for several months and a considerable amount of real Monthly Reports data has begun to flow in from computer centers around the country. This made the development of new feedback report formats much more interesting.

Shafat has done an excellent job training computer center staff in the use of the software and in providing telephone support to remote locations. He has made useful modifications to the software to fix bugs and satisfy user requirements and developed an effective system for distributing updated versions of the software to the different District, Divisional and Provincial Computer Centers participating in the HMIS.

As was expected there was more to be done than there was time available to accomplish it. Fortunately, Theo Lippeveld and the MIS group are on the verge of signing a 9-month extension to follow-up on the implementation of the MIS. This should enable Shafat to continue the development of new feedback report formats and spend more time training computer users. To provide Shafat with more time for this purpose, the team also discussed the need to shift more responsibility for software support and training to Gohar.

3. Specific Activities:**a. Testing and fine tuning of the Monthly Report application software:**

Shafat Sharif and I spent several days testing and improving the following features of the Monthly Reports software:

- the batch preparation and import utilities, which we discovered were not correctly copying all modified records in our original release. We modified the procedure and then used several computers in the office to transmit and received records that were added and modified. Seems to work correctly now, and it is imperative that Shafat sends an update disk to all of the computer centers soon before they begin transmitting data in earnest. In the short term they can continue to back up and transmit all of their records, and Shafat can oversee the import process interactively.
- designing a simple system for selecting records for monthly and quarterly reports. This set of 4 screens can be called from any report printing procedure to determine the time frame (e.g. months, quarters), the geographic units (e.g. districts), and whether or not reports with errors in the relevant sections should be included in a given report. Shafat and I came up with a variety of other features that we would like to add to these screens -- such as the ability to develop more complex ad hoc queries and save and re-use them -- but we opted for simplicity given the limited sophistication of our users and time constraints. A sample screen display is captured on page 1 of Annex I
- developing a product information screen to identify the software and credit USAID and the Basic Health Services Cell for their support. This screen also helps with diagnosis of hardware and configuration problems by displaying the microprocessor type, amount of available memory, and remaining hard disk space. This screen is displayed on page 1 of Annex I.

b. Creating data sets and application software for the processing of Yearly Report Data

I developed the database structure to reflect the latest yearly report revisions and Shafat designed the data entry screens. We then tested these and integrated them into the Monthly Reporting Module. This should greatly simplify maintenance of the software as there are only 2 separate software packages to support, the Health Institutions Database and the newly named HMIS/FLCF Reporting Module. The latter now handles all routine reports data entry, data transmission (even of HID data) and feedback reporting. Technical specifications for the Yearly reporting data entry system are included in Annex V and the new data entry screens are displayed on pages 3 and 4 of Annex I..

- c. **Design of feedback reports for Monthly and Yearly FLCF Reports data.**
This was again the most time-consuming part of my visit. In addition to debugging and enhancing the District Level reports that I developed last time, I produced a variety of Divisional Reports and developed a number of procedures for producing graphic output. Copies of each of these reports are included in Annex II.

The graphics output deserves a little more discussion here.

I tested 3 methods to produce graphs from the databases using 3 different software packages: Quattro Pro, FoxGraph and Harvard Graphics. Each package had its advantages and disadvantages.

- The Quattro Pro option, which links spreadsheet files to summary data files created using FoxPro SQL statements produces the most sophisticated graphs (with 2 different Y-axes, for example) and by creating macros in Quattro, the whole process of re-labelling the graphs and displaying and printing the graphs along with the underlying data can be done from within the Reporting Modules menu structure. This could also permit several graphs to be printed on the same page. Unfortunately, very few offices have this software and it would be costly to use this option throughout. The other spreadsheet package which every office has, Lotus version 3, requires too much memory to be run from within the Foxpro application itself. See an example of graphing by this method on page 30 of Annex II.
- The FoxGraph option integrates the most seamlessly with FoxPro, but requires a considerable amount of user interaction each time a specific graph is run. This option still offers a good deal of hope if Shafat or Gohar can spend some time mastering the foxgraph macro-recording features and develop individual macro and graph files for each separate report. Unfortunately, FoxGraph does not support complex graphs with 2 different Y-axes such as the one generated using Quattro Pro, above. A sample FoxGraph chart is include on page 34 of Annex II.
- The Harvard Graphics option consists of producing summary data sets in FoxPro using SQL and then exiting Foxpro to run Harvard Graphics and loading the appropriate charts interactively. There is an option to record macros with this software, thereby automating some of the process of producing standard graphs routinely, but nobody in the HMIS team has had any experience doing this yet. Since all computer centers have Harvard Graphics and have had initial training in its use, it is likely that this will be the principal graphing tool and the production of graphs will be depend more on the skill and interest of the computer operators.

- d. **Continuing development of GIS capacity:** Shafat updated the map files provided by HIID to link directly with the geographic codes in the Health Institutions Database and we produced our first Provincial level map to add to the National maps that were produced last visit. An example of this map is displayed in on page 5 of Annex II. At this stage, it is likely that the GIS work will only be done at the National and perhaps Provincial level given the cost and complexity of the Atlas GIS software.
- e. **Implementing procedures to create selected data sets for use by other departments and programs in the Ministry (e.g. EPI, TB control, etc...).** This went quite successfully and resulted in the completion of a procedure to prepare 3 separate flat file data sets: EPI, Malaria and Tuberculosis. These procedures are included in the Utilities menu of the Reporting Module and lead users through the following key steps:
- selecting the time frame for which they wish to create a data set
 - selecting the type of data file they wish to create: .dbf for dBase, .wk1 for Lotus, .xcl for Excel, .dif for Data Interchange Format.
 - selecting the disk drive where they want to file saved and whether or not they want the file compressed or not.
- Once the data file is complete, a data dictionary is printed, listing all of the field names in the data set and a brief description of what each one means. Sample data set summary reports are included in Annex III. In addition the data set selection screens are displayed on page 2 of Annex I.
- f. **Updating the system documentation including the User's Guide and Technical Reference Manual.** This was a big task which was largely excluded from our work plans due to the fact that my 3 week visit was cut down to 2 because project funds were limited. I did manage to make some revisions to the Monthly Reports User's Guide to incorporate the new Yearly Reports data entry and the feedback reporting capabilities (See Annex IV). In addition I have reprinted key technical documentation including data dictionaries, screen displays, and menu trees. (Annex V).
4. **Follow-up Activities:**
- a. Shafat should complete additional reports for both the monthly and yearly feedback reporting options as additional comments come in from users in the divisions and districts. In addition, more experimentation needs to be done in setting up procedures to create graphic charts using both FoxGraph and Harvard graphics. These new feedback reports should be field tested and then integrated into the application's reports menu.
- b. With the start that has been made in producing the draft User's Guide

for the HMIS/FLCF Reporting Module(in Annex V), Shafat and Gohar should be able to update this with any new utilities and menu options and print final copies for distribution.

- c. Shafat should update the batch transmission modules to include data from the Yearly Reports data entry.
- d. PCSP should press ahead with plans to institutionalize the HMIS support function within the Federal Ministry of Health to give a central focal point for software support and national data analysis. If additional funds can be obtained from UNICEF or other donors for this purpose, I would be happy to make one last trip some time in the spring to help with the handover of the system and with training of data processing staff.

ANNEX I: Sample Screen Displays

Feedback Report Data Selection Screen

F

Define the Quarter, Year & District for which you want to select records:

Quarter

Year

District

Exclude reports with errors

GUJRANWALA DIV.

< O.K. >
<Cancel>

CF
ILE

Time:16:44 Wed 09-08 C:\>

About HMIS/FLCF Screen

System Edit Record Reports Utilities

HMIS/FLCF Monthly Reporting Module Version 1.0 August 1993

This application was developed under the Pakistan Child Survival Project with the support of USAID and the Basic Health Services Cell of the Federal Ministry of Health.

It was designed for the computerisation of the Health Management Information System (HMIS) at the Federal Ministry of Health and in Provincial Health Departments.

Technical assistance provided by: Theo Lippeveld, HIID
Randy Wilson, MSH
Shafat Sharif, PCSP

System Statistics: RAM AVAILABLE 176 Kb. EXPANDED MEMORY 0 Kb.
PROCESSOR 80386 DISK SPACE REMAINING 7.8 Meg.

< O.K. >

CF
ILE

System Edit Record Reports Utilities

Data Set Definitions

For what period do you want want data selected?
 Month Year

From:

To:
 (leave blank for all records)

What type of file do you want created?

<Create >
 <Cancel >

GUJRANWALA DIU.

System Edit Record Reports Utilities

Copy Data Dialog

COPY PARAMETERS:

The dataset you have prepared is: MAL937.dbf
 File size: 3 Kb.

Which drive do you want to copy to:

Copy type:

ESTIMATE OF DISK REQUIREMENTS:

File size without compression: 3 Kb.
 Space required after compression: 1 Kb.

Number of disks required: 1

< Copy >
 < Cancel >

GUJRANWALA DIU.

Yearly Report: Screen 1

System Edit Record Reports Utilities															
Yearly Report - Screen 1															
Inst. Id: 411014	Year: 1993														
Report Id: 4110141993															
1. INSTITUTION IDENTIFICATION:															
Institution Name:	CIVIL DISP., ABDUL REHMAN JEEWA														
Province:	BALUCHISTAN														
District:	KALAT														
Tehsil/Taluka:	UNKNOWN														
Incharge Name:															
3. POPULATION DATA:															
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td></td> <th colspan="2">No. of TBAs</th> </tr> <tr> <td></td> <td>Population</td> <td>No. of CHWs</td> <td>Trained</td> <td>Untrained</td> </tr> <tr> <td style="text-align: right;">Total:</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </table>			No. of TBAs			Population	No. of CHWs	Trained	Untrained	Total:	0	0	0	0
		No. of TBAs													
	Population	No. of CHWs	Trained	Untrained											
Total:	0	0	0	0											
% of population living more than 20 km away from the institution: 0 %															
<Find> <Prev> <Next> <Top> <Bott> <Add> <Sear> <Quit> F3 ↑															

Yearly Report: Screen 2

System Edit Record Reports Utilities																			
Yearly Report - Screen 2																			
4110141993																			
6. BUILDING/EQUIPMENT/TRANSPORT																			
A. Building																			
1. Phy. Condition of Bldg	Needs Repair																		
2. Date L.Renov	/ /																		
3. Approach Road	Metalled																		
4. Electricity	Avail./Func.																		
5. Source of water	River																		
	if Other:																		
6. Public Toilet	None																		
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <th>Total</th> <th>Functional</th> </tr> <tr> <td>B. Transport:</td> <td></td> <td></td> </tr> <tr> <td>1. Ambulances</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2. Motorcycles</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>3. Bicycles</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>4. Other Vehicles</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </table>		Total	Functional	B. Transport:			1. Ambulances	0	0	2. Motorcycles	0	0	3. Bicycles	0	0	4. Other Vehicles	0	0
	Total	Functional																	
B. Transport:																			
1. Ambulances	0	0																	
2. Motorcycles	0	0																	
3. Bicycles	0	0																	
4. Other Vehicles	0	0																	
<Find> <Prev> <Next> <Top> <Bott> <Add> <Sear> <Quit> F3 ↑																			

System Edit Record Reports Utilities							
Yearly Report - Screen 3							
Item	Tot.Beg	Recd	Struck	Tot.End	Unserv	Repair	Servic
1. Baby W. Scale	1	2	3	4	5	6	7
2. Bathroom W. Scale	8	9	10	11	12	13	14
3. Cool Box/Vacc.Carrier	15	16	17	18	19	20	21
4. Delivery Table	22	23	24	25	26	27	28
5. Emergency Set	29	30	31	32	33	34	35
6. Examination Lamp	36	37	38	39	40	41	42
7. Exam. Table	1	1	1	1	2	2	2
8. Eye & ENT Diagnostic	2	2	2	2	2	2	2
9. Female Metal Catheter	3	3	3	3	3	3	3
10.Fetoscope	4	4	4	4	4	4	4
11.Hemoglobinometer	5	5	5	5	5	5	5
12.Microscope (x100)	78	79	80	81	82	83	84
13.Refrigerator	85	86	87	88	89	90	91
14.Sphygmomanometer	92	93	94	95	96	97	98
15.Sterilizer	99	1	2	3	4	5	6
16.Stethoscope	7	8	9	10	11	12	13
17.Stove Primus	14	15	16	17	18	19	20
18.Thermometer	21	22	23	24	25	26	27
19.Torch	28	29	30	31	32	33	34
20.Vaginal Speculum	35	36	37	38	39	40	41

<Find> <Prev> <Next> <Top > <Bott> <Add > <Sear> <Quit> F3 ↑↓

System Edit Record Reports Utilities					
Yearly Report - Screen 4					
Item		Clos.Bal	Item		Clos.Bal
1. Adrenaline	Inj	1	21.Hyoscine Butylbromide	Tab	9
2. Aminophyline	Inj	2	22. Infusion Set	Set	2
3. Anti Snake Venum Serum	Inj	2	23. Iron	Tab	2
4. Anti Tetanus Serum	Inj	3	24. Isoniazid 1NH	Tab	2
5. Antiseptic Solution	Sol	3	25. Lignocaine 2%	Inj	2
6. Bandages	Rol	3	26. Liquid Paraffin	Bot	2
7. Bezyle Benzole	Lot	4	27. ORS	Sac	2
8. Chloroquine	Tab	4	28. Oxytocin	Inj	2
9. Chlorpheniramine	Syp	54	29. Needles	Eac	2
10. Chlorpheniramine	Tab	5	30. Magnesium Trisilicate	Tab	2
11. Chlorpromazine HCl	Inj	6	31. Metronidazole	Syp	2
12. Cotrimoxazole	Syp	67	32. Metronidazole	Tab	2
13. Cotrimoxazole	Tab	7	33. Paracetamol	Tab	2
14. Cotton	Tol	7	34. Procain Penicillin	Inj	2
15. Diazepam	Tab	78	35. Pyrantel Pamoate	Tab	2
16. Dramamine Injectable	Inj	8	36. Soluble Aspirin	Tab	2
17. Ethambutol	Tab	8	37. Streptomycin	Inj	2
18. Folate	Tab	9	38. Sulphacetamide 10%	Bot	38
19. Frusomide	Inj	9	39. Syringes	Eac	39
20. Hyoscine Butylbromide	Inj	9	40. Ziehl-Nielsen	Sol	40

<Find> <Prev> <Next> <Top > <Bott> <Add > <Sear> <Quit> F3 ↑↓

ANNEX 7.

Province of Punjab

**HEALTH MANAGEMENT INFORMATION SYSTEM
for First Level Care Facilities**

COMPUTERIZED FEEDBACK TABLES

1st Quarter, 1993

COMPUTERIZED FEEDBACK SYSTEM

During 1993, the HMIS team of the Pakistan Child Survival Project is developing a set of computerized feedback reports based on the data from the Health Management Information System for First Level Care Facilities (HMIS/FLCF).

These feedback reports will later on be included in a "HMIS/FCLF Feedback Catalog" that will provide more detailed guidance to the users of these reports. It will specify for each report how data can be used to take action or to improve ongoing performance in planning and management of the health services.

Following is a provisional list of feedback reports based on the Monthly HMIS/FLCF Reports. Most of these formats are available at this moment or will be in the coming months. This list is followed with a series of actual feedback reports based on the data reported by the district of Sheikhpura during the first quarter of 1993.

Feedback reports based on Monthly HIMIS/FCLF Report

LEVEL	CODE	TYPE	FREQ
FLCF	F1	Summary Report	Y
TEHSIL/TALUKA	T1	Log Report/FLCF	Q/Y
	T2	Vaccination report	M/Y
DISTRICT	DS1	Log Report/FLCF	Q/Y
	DS2	Curative Care Report	Q/Y
	DS3	Preventive Care Report/Mother	Q/Y
	DS4	Preventive Care Report/Child	Q/Y
	DS5	Vaccination Report	M/Y
	DS6	Epidemic Diseases and Mat. Mort. Report	M/Y
	DS7	Priority Diseases Report	Q/Y
	DS8	Essential DVS Report	Q/Y
	DS9	Family Planning Supplies	M/Y
	DS10	Vaccines Stock Report	M/Y
	DS11	Malaria Report	Q/Y
	DS12	Tuberculosis/New Cases Report	Q/Y
	DS13	Tuberculosis/Follow-up Report	Q/Y
DSG1	Graph on Utilization of Health Centers	Q/Y	
DIVISION			
General	DG1	Reporting Compliance Report	Q/Y
	DG2	Epidemic Diseases and Mat. Mort. Report	M/Y
	DG3	Essential DVS Report	Q/Y
	DG4	Curative Care Report	Q/Y
	DG5	Child Care Report	Q/Y
	DG6	Prenatal Care Report	Q/Y
	DG7	Delivery and Postnatal Care Report	Q/Y
	DGG1	Graph on Prenatal Indicators	Q/Y
EPI Program	DE1	Vaccination report	M/Y
	DE2	Vaccines Stock Report	M/Y
ARI Program	DA	ARI Report	Q/Y
CDD Program	DD	CDD Report	Q/Y
Malaria Program	DM	Malaria Report	Q/Y
TB Program	DT	TB Report	Q/Y
Family Planning	DF1	Family Planning Activities Report	M/Y
	DF2	Family Planning Supplies Report	M/Y

PROVINCE

General	PG1	Reporting Compliance Report	Q/Y	
	PG2	Epidemic Diseases and Mat. Mort. Report	M/Y	
	PG3	Essential DVS Report	Q/Y	
	PG4	Curative Care Report	Q/Y	
	PG5	Child Care Report	Q/Y	
	PG6	Prenatal Care Report	Q/Y	
	PG7	Delivery and Postnatal Care Report	Q/Y	
	PGG1	Graph on Prenatal Indicators	Q/Y	
	EPI Program	PE1	Vaccination report	M/Y
		PE2	Vaccines Stock Report	M/Y
ARI Program	PA	ARI Report	Q/Y	
CDD Program	PD	CDD Report	Q/Y	
Malaria Program	PM	Malaria Report	Q/Y	
TB Program	PT	TB Report	Q/Y	
Family Planning	PF1	Family Planning Activities Report	M/Y	
	PF2	Family Planning Supplies Report	M/Y	

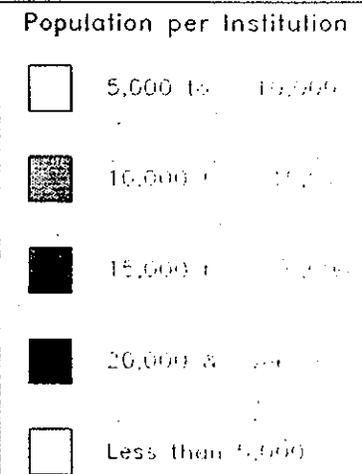
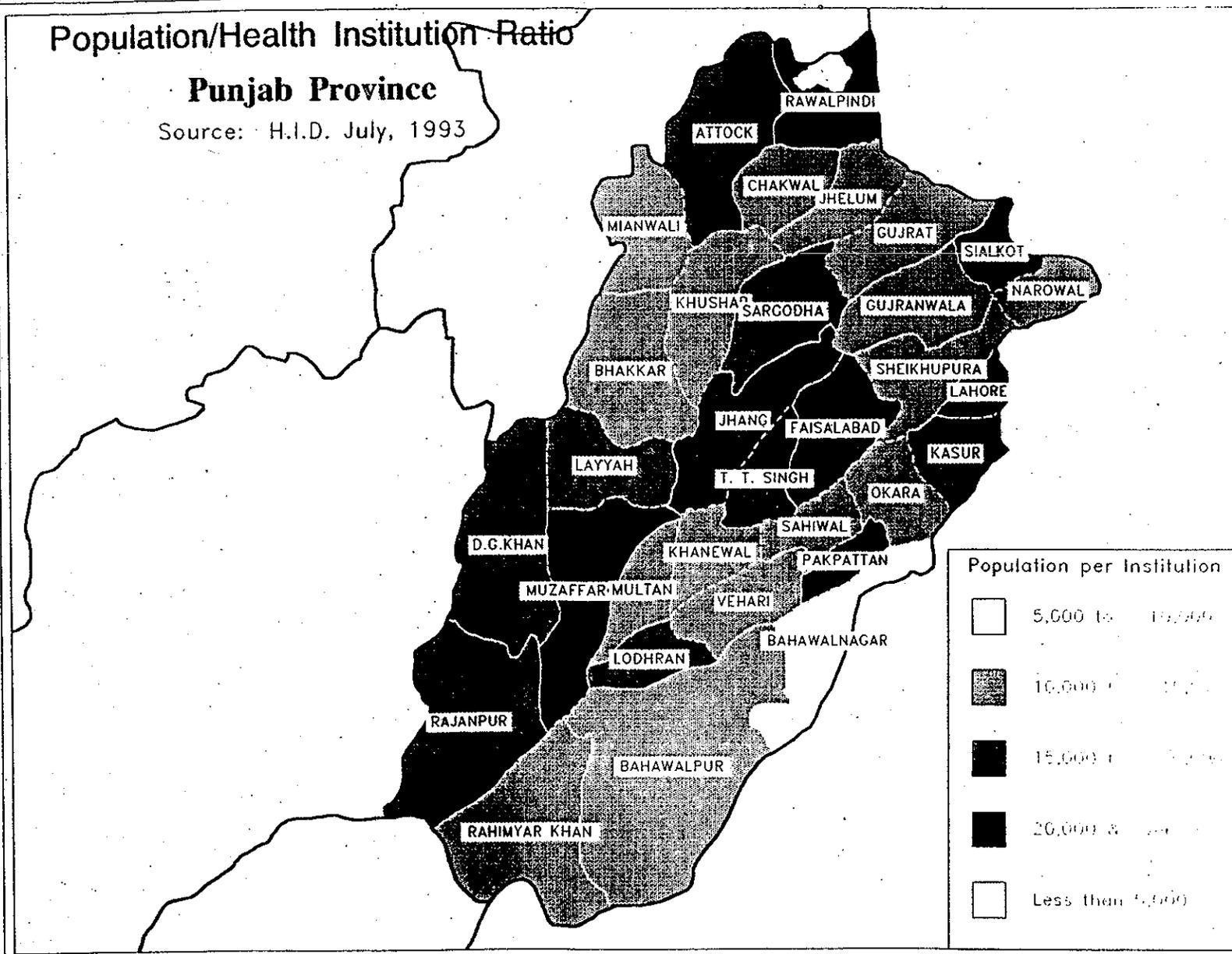
FEDERAL

General	FG1	Reporting Compliance Report	Q/Y	
	FG2	Epidemic Diseases and Mat. Mort. Report	M/Y	
	FG3	Essential DVS Report	Q/Y	
	FG4	Curative Care Report	Q/Y	
	FG5	Child Care Report	Q/Y	
	FG6	Prenatal Care Report	Q/Y	
	FG7	Delivery and Postnatal Care Report	Q/Y	
	PGG1	Graph on Prenatal Indicators	Q/Y	
	EPI Program	FE1	Vaccination report	M/Y
		FE2	Vaccines Stock Report	M/Y
ARI Program	FA	ARI Report	Q/Y	
CDD Program	FD	CDD Report	Q/Y	
Malaria Program	FM	Malaria Report	Q/Y	
TB Program	FT	TB Report	Q/Y	
Family Planning	FF1	Family Planning Activities Report	M/Y	
	FF2	Family Planning Supplies Report	M/Y	

Population/Health Institution Ratio

Punjab Province

Source: H.I.D. July, 1993

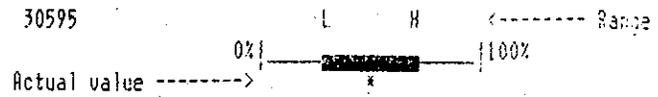


41

5

Institution RHC, KHAN KA DOGRAN (ID No. 154222)
 District SHEIKHUPURA Catchment Area Population 30595

SAMPLE GRAPH



No. of reports: 3 Complete: 25 %

BIRTH REGISTRATION

Expected Births 306
 Number of Births registered 44 14 % of expected

CURATIVE CARE

Total New Cases 2739
 Old Cases 1523
 Total Visits 4262
 Referred 21 1 % of New Cases
 Feedback from Cases Referred 1 5 % Feedback on Rfd. Cases -----> *

TUBERCULOSIS

New Cases Started Treatment 48
 Total Number Discharged 3
 Total Number lost as Defaulters 0 0 % of Total Number Disch. -----> *

MOTHER HEALTH

Pre-Natal Care:

Expected New Pregnancies 340
 Mothers Newly Registered 92 27 % of Exp. New Preg.
 Newly Regist. during 1st Trimester 6 7 % of Total Newly Regist. -----> *
 No. of Newly Regist. with Hb <10 g. 0 0 % of Total Newly Regist.

Deliveries:

Expected Deliveries 306
 Total Deliveries 44 14 % of Exp. Deliveries
 No. of Deliveries by Trained Persons 44 14 % of Exp. Deliveries -----> *
 Maternal Deaths 0

Family Planning:

Total Visits for FP 49
 Total Male FP visits 5
 Total Female FP visits 44
 Total Referred for FP services 0

CHILD HEALTH

Expected Children under 1 year 287
 Growth Monitoring
 Newly Registered under 1 year 44 15 % of Exp. < 1 year
 Vaccinations (Children under 1 year immunized)
 BCG 179 62 % of Exp. < 1 year
 OTP3 386 135 % of Exp. < 1 year
 OPV3 386 135 % of Exp. < 1 year
 Measles 491 171 % of Exp. < 1 year
 Fully Immunized Children 0 0 % of Exp. < 1 year

PUNJAB

Year: 93

√ = Report correct and data entry complete
E = Errors in report, sent for correctionsDistrict: SHEIKHUPURA

Division: LAHORE

Inst No	Institution Name	Tehsil/ Talukā	MONTHS												TOTAL RPTS. RECD.		
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
154001	BHU, AHDIAN	FEROZWALA	√	.	E	.	.	.	.	.	.	.	.	.	.	.	2
154002	BHU, BADHROMIANI MAQBOOL	FEROZWALA	E	.	√	.	.	.	.	.	.	.	.	.	.	.	2
154003	BABAKWAL, VILL: BABAKWAL	FEROZWALA	E	.	E	.	.	.	.	.	.	.	.	.	.	.	2
154004	BHU, BHIAN WALA	FEROZWALA	E	√	√	.	.	.	.	.	.	.	.	.	.	.	3
154007	BHU, CHAK NO. 34	FEROZWALA	√	E	E	.	.	.	.	.	.	.	.	.	.	.	3
154008	BHU, CHAK NO. 44	FEROZWALA	.	E	E	.	.	.	.	.	.	.	.	.	.	.	2
154009	BHU, DHAMKE	FEROZWALA	E	√	√	.	.	.	.	.	.	.	.	.	.	.	3
154010	BHU, DHOROR MUSLIM	FEROZWALA	E	E	.	.	.	.	.	.	.	.	.	.	.	.	2
154011	BHU, FATHO WALA	FEROZWALA	√	√	E	.	.	.	.	.	.	.	.	.	.	.	3
154012	BHU, FEROZE WALA	FEROZWALA	.	√	E	.	.	.	.	.	.	.	.	.	.	.	2
154013	BHU, GHARIAL KALAN	FEROZWALA	√	.	E	.	.	.	.	.	.	.	.	.	.	.	2
154014	BHU, GHARYIAL KALAN	FEROZWALA	.	√	.	.	.	.	.	.	.	.	.	.	.	.	1
154015	BHU, GHORIAN MUQLAN	FEROZWALA	E	√	E	.	.	.	.	.	.	.	.	.	.	.	3
154016	BHU, HERDOO BRIAR	FEROZWALA	E	E	√	.	.	.	.	.	.	.	.	.	.	.	3
154017	BHU, JANDIALA KALSAN	FEROZWALA	E	.	.	.	.	.	.	.	.	.	.	.	.	.	1
154018	BHU, KATHIALA VIRKAN	FEROZWALA	E	E	E	.	.	.	.	.	.	.	.	.	.	.	3
154019	BHU, KHAN PUR	FEROZWALA	E	E	E	.	.	.	.	.	.	.	.	.	.	.	3
154020	BHU, KIRTO	FEROZWALA	√	.	.	.	.	.	.	.	.	.	.	.	.	.	1
154022	BHU, KOT PINDI DAS	FEROZWALA	√	√	√	.	.	.	.	.	.	.	.	.	.	.	3
154023	BHU, KOTLI VIRKAN	FEROZWALA	√	E	E	.	.	.	.	.	.	.	.	.	.	.	3
154024	BHU, LADHAY KAY	FEROZWALA	E	E	√	.	.	.	.	.	.	.	.	.	.	.	3
154025	BHU, LUBAN WALA	FEROZWALA	√	E	E	.	.	.	.	.	.	.	.	.	.	.	3
154026	BHU, LUMBRAY	FEROZWALA	E	√	√	.	.	.	.	.	.	.	.	.	.	.	3
154027	BHU, MANDIALI	FEROZWALA	√	√	√	.	.	.	.	.	.	.	.	.	.	.	3
154028	BHU, MARH BHAGWAN	FEROZWALA	E	E	E	.	.	.	.	.	.	.	.	.	.	.	3
154029	BHU, MEHTA SUJA	FEROZWALA	E	E	E	.	.	.	.	.	.	.	.	.	.	.	3
154030	BHU, NIZAM PURA DHACCA	FEROZWALA	√	√	√	.	.	.	.	.	.	.	.	.	.	.	3
154032	BHU, NUNGLE BUTCHER	FEROZWALA	.	E	.	.	.	.	.	.	.	.	.	.	.	.	1
154033	BHU, PINDI MARCHAN	FEROZWALA	√	E	E	.	.	.	.	.	.	.	.	.	.	.	3
154034	BHU, QALLIA LAL SINGH	FEROZWALA	E	E	√	.	.	.	.	.	.	.	.	.	.	.	3
154035	BHU, SHARAKPUR KHURO	FEROZWALA	√	√	E	.	.	.	.	.	.	.	.	.	.	.	3
154036	BHU, TANDAY LAD WAY	FEROZWALA	√	√	.	.	.	.	.	.	.	.	.	.	.	.	2
154037	BHU, VANDALA NASIR KHAN	FEROZWALA	E	E	E	.	.	.	.	.	.	.	.	.	.	.	3
154039	BHU, BAHARWAL KOT	NANKANA	E	√	√	.	.	.	.	.	.	.	.	.	.	.	3
154040	BHU, BAHU MANN	NANKANA	E	√	√	.	.	.	.	.	.	.	.	.	.	.	3
154041	BHU, BUDHA	NANKANA	E	E	E	.	.	.	.	.	.	.	.	.	.	.	3
154042	BHU, CHAK NO. 6 RAM	NANKANA	√	√	E	.	.	.	.	.	.	.	.	.	.	.	3
154043	BHU, CHAK NO. 9	NANKANA	E	√	.	.	.	.	.	.	.	.	.	.	.	.	2
154044	BHU, CHAK NO. 13 RANDHIR	NANKANA	E	E	E	.	.	.	.	.	.	.	.	.	.	.	3
154045	BHU, CHAK NO. 17 KARYAL	NANKANA	√	√	√	.	.	.	.	.	.	.	.	.	.	.	3
154046	BHU, CHAND PUR	NANKANA	E	√	E	.	.	.	.	.	.	.	.	.	.	.	3
154047	BHU, CHANDAR NAGAR CHAK	NANKANA	E	E	E	.	.	.	.	.	.	.	.	.	.	.	3

District: SHEIKHUPURA

Division: LAHORE

Inst No	Institution Name	Tehsil/ Taluka	MONTHS												TOTAL	
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	RPTS. RECD.	
154048	BHU, DODAY	NANKANA	E	✓	✓	.	.	.	.	.	.	.	.	.	.	3
154049	BHU, FATAH THATT	NANKANA	E	E	E	.	.	.	.	.	.	.	.	.	.	3
154050	BHU, FATEY DARIA	NANKANA	✓	✓	E	.	.	.	.	.	.	.	.	.	.	3
154051	BHU, HAFAT MODAR	NANKANA	✓	✓	✓	.	.	.	.	.	.	.	.	.	.	3
154052	BHU, HYDERABAD	NANKANA	✓	E	E	.	.	.	.	.	.	.	.	.	.	3
154053	BHU, KHIARAY KALAN	NANKANA	✓	E	.	.	.	.	.	.	.	.	.	.	.	2
154054	BHU, KOT BINI DAS	NANKANA	.	E	E	.	.	.	.	.	.	.	.	.	.	2
154055	BHU, KOT FAZAL	NANKANA	E	E	E	.	.	.	.	.	.	.	.	.	.	3
154056	BHU, KOT HUSSAIN	NANKANA	E	✓	✓	.	.	.	.	.	.	.	.	.	.	3
154057	BHU, KOT NAU BAHAR	NANKANA	E	E	✓	.	.	.	.	.	.	.	.	.	.	3
154058	BHU, KOT TAHIR	NANKANA	E	✓	E	.	.	.	.	.	.	.	.	.	.	3
154059	BHU, LURKA	NANKANA	.	E	✓	.	.	.	.	.	.	.	.	.	.	2
154060	BHU, MACHORA	NANKANA	✓	✓	✓	.	.	.	.	.	.	.	.	.	.	3
154061	BHU, MALKA HAJI	NANKANA	✓	E	✓	.	.	.	.	.	.	.	.	.	.	3
154062	BHU, MARTIN PUR	NANKANA	✓	E	E	.	.	.	.	.	.	.	.	.	.	3
154063	BHU, MEHR PUR	NANKANA	✓	✓	E	.	.	.	.	.	.	.	.	.	.	3
154064	BHU, MITHRAN PUR	NANKANA	✓	.	E	.	.	.	.	.	.	.	.	.	.	2
154065	BHU, MORA VILLAGE	NANKANA	✓	✓	✓	.	.	.	.	.	.	.	.	.	.	3
154066	BHU, MUD WALA KHURD	NANKANA	E	E	E	.	.	.	.	.	.	.	.	.	.	3
154067	BHU, NABI PUR PIRAN	NANKANA	E	E	E	.	.	.	.	.	.	.	.	.	.	3
154068	BHU, THATTA BHATTIAN	NANKANA	✓	✓	✓	.	.	.	.	.	.	.	.	.	.	3
154069	BHU, THATTA ISMAIL PUR	NANKANA	E	E	✓	.	.	.	.	.	.	.	.	.	.	3
154070	BHU, YOUNGSON ABAD	NANKANA	E	E	✓	.	.	.	.	.	.	.	.	.	.	3
154071	BHU, ABDULLAH PUR KOLAR	SHEIKHUPUR	.	.	E	.	.	.	.	.	.	.	.	.	.	1
154073	BHU, AJNIANA WALA	SHEIKHUPUR	.	.	E	.	.	.	.	.	.	.	.	.	.	2
154074	BHU, AMER KOT	SHEIKHUPUR	.	.	E	.	.	.	.	.	.	.	.	.	.	1
154076	BHU, BADO MALI	SHEIKHUPUR	E	E	E	.	.	.	.	.	.	.	.	.	.	3
154077	BHU, BHATAL	SHEIKHUPUR	E	✓	✓	.	.	.	.	.	.	.	.	.	.	3
154078	BHU, BHLARITA	SHEIKHUPUR	✓	✓	✓	.	.	.	.	.	.	.	.	.	.	3
154079	BHU, BHORRO	SHEIKHUPUR	.	E	E	.	.	.	.	.	.	.	.	.	.	2
154080	BHU, BOLA CHAK 178	SHEIKHUPUR	E	✓	E	.	.	.	.	.	.	.	.	.	.	3
154081	BHU, BURRALA	SHEIKHUPUR	E	✓	E	.	.	.	.	.	.	.	.	.	.	3
154082	BHU, CHAPPA	SHEIKHUPUR	E	E	✓	.	.	.	.	.	.	.	.	.	.	3
154083	BHU, DALA NANGAL	SHEIKHUPUR	.	E	E	.	.	.	.	.	.	.	.	.	.	2
154084	BHU, DAMO ANA	SHEIKHUPUR	✓	✓	.	.	.	.	.	.	.	.	.	.	.	2
154085	BHU, DUHARI	SHEIKHUPUR	E	.	✓	.	.	.	.	.	.	.	.	.	.	2
154086	BHU, ESHER KAY	SHEIKHUPUR	.	E	.	.	.	.	.	.	.	.	.	.	.	1
154088	BHU, FERAZ WATU WAN	SHEIKHUPUR	✓	E	.	.	.	.	.	.	.	.	.	.	.	2
154089	BHU, GHANG VILLAGE	SHEIKHUPUR	E	E	✓	.	.	.	.	.	.	.	.	.	.	3
154090	BHU, GHANIA	SHEIKHUPUR	E	E	✓	.	.	.	.	.	.	.	.	.	.	3
154091	BHU, GHUGEANA NOU	SHEIKHUPUR	E	✓	E	.	.	.	.	.	.	.	.	.	.	3
154093	BHU, HERDO BANDOKE	SHEIKHUPUR	E	E	.	.	.	.	.	.	.	.	.	.	.	2
154094	BHU, HOYKAY	SHEIKHUPUR	E	E	.	.	.	.	.	.	.	.	.	.	.	2
154095	BHU, ISLAM NAGAR	SHEIKHUPUR	.	✓	✓	.	.	.	.	.	.	.	.	.	.	2
154096	BHU, JATRI KOWA	SHEIKHUPUR	.	✓	✓	.	.	.	.	.	.	.	.	.	.	2
154097	BHU, KAKI RASOOL PUR	SHEIKHUPUR	E	E	✓	.	.	.	.	.	.	.	.	.	.	3
154098	BHU, KALOKAY	SHEIKHUPUR	E	E	✓	.	.	.	.	.	.	.	.	.	.	3
154099	BHU, KOT REHMAT KHAN	SHEIKHUPUR	✓	E	✓	.	.	.	.	.	.	.	.	.	.	3
154100	BHU, KOT SOHANDA	SHEIKHUPUR	✓	E	E	.	.	.	.	.	.	.	.	.	.	3
154101	BHU, LAGAR	SHEIKHUPUR	✓	✓	✓	.	.	.	.	.	.	.	.	.	.	3

District: SHEIKHUPURA

Division: LAHORE

Inst No	Institution Name	Tehsil/ Taluka	MONTHS												TOTAL RPTS. RECD.
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	

154266	BHU NANGAL KASWAL	FEROZWALA	E	.	E	2
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Total reports received:	118	122	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	357
Number with errors:	77	75	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	218
% of total reports:	65%	61%	56%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	61%

Total reports expected																		
(All FLCFs Class 1-3):	261	261	261	261	261	0	0	0	0	0	0	0	0	0	0	0	0	0
% rec'd of total expected:	45%	46%	44%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0

ID #	Health Institution	No of Rpts.	Avg. NC Per day	Referrals		Diarrhoea & Dysentery <5		ARI < 5		Tuberculosis	
				% of NC	% Fback Recd.	Severe Cases	% of NC <5	Pneumon Cases	% of NC <5	Dischg'd.	Defaulters % of No. Dischg'd.

District: SHEIKHUPURA

154001 BHU, AHDIAM	2	6.4*	0%	0%	0	0%	0	0%	0	0	0%
154002 BHU, BADHROMIANI MAQBOOL PUR	2	3.2*	0%	0%	1	13%*	1	4%	0	0	0%
154003 BABAKWAL, VILL: BABAKWAL	2	22.2	0%*	33%	2	2%	34	21%	0	0	0%
154004 BHU, BHIAN WALA	3	5.4*	2%*	0%	0	0%	10	23%	0	0	0%
154007 BHU, CHAK NO. 34	3	5.0*	0%	0%	1	4%	5	10%	0	0	0%
154008 BHU, CHAK NO. 44 FERDZWALA	2	4.5*	1%*	0%	0	0%	3	50%*	0	0	0%
154009 BHU, DHAMKE	3	6.2*	3%*	0%	0	0%	9	28%	0	0	0%
154010 BHU, DHOROR MUSLIM	2	6.8*	2%*	0%	0	0%	2	4%	0	0	0%
154011 BHU, FATHO WALA	3	4.4*	2%*	0%	0	0%	2	15%	0	0	0%
154012 BHU, FERDZE WALA	2	7.0*	0%	0%	0	0%	0	0%	0	0	0%
154013 BHU, GHARIAL KALAN	2	3.0*	0%	0%	0	0%	0	0%	0	0	0%
154014 BHU, GHARYIAL KALAN	1	2.7*	0%	0%	0	0%	0	0%	0	0	0%
154015 BHU, GHORIAN MUQLAN	3	7.8*	0%	0%	1	4%	0	0%	0	0	0%
154016 BHU, HERDOD BRIAR	3	2.7*	10%	29%	2	18%*	6	27%	0	0	0%
154017 BHU, JANDIALA KALSAN	1	3.9*	1%*	0%	0	0%	1	9%	0	0	0%
154018 BHU, KATHIALA VIRKAN	3	6.4*	0%	0%	0	0%	0	0%	0	0	0%
154019 BHU, KHAN PUR	3	7.8*	0%	0%	0	0%	0	0%	0	0	0%
154020 BHU, KIRTO	1	3.8*	0%	0%	0	0%	0	0%	0	0	0%
154022 BHU, KOT PINDI DAS	3	4.3*	23%*	0%	0	0%	3	14%	0	0	0%
154023 BHU, KOTLI VIRKAN	3	2.5*	0%	0%	0	0%	3	50%*	0	0	0%
154024 BHU, LADHAY KAY	3	3.4*	19%	27%	3	13%*	2	50%*	0	0	0%
154025 BHU, LUBAN WALA	3	10.4	19%	20%	3	5%	30	34%*	0	0	0%
154026 BHU, LUMBRAY	3	5.9*	0%	0%	0	0%	17	55%*	0	0	0%
154027 BHU, MANDIALI	3	3.3*	0%	0%	0	0%	1	8%	0	0	0%
154028 BHU, MARK BHAGWAN	3	10.6	14%	43%	0	0%	10	13%	0	0	0%
154029 BHU, MEHTA SUJA	3	3.8*	5%	0%	0	0%	0	0%	0	0	0%
154030 BHU, NIZAM PURA DHACCA	3	9.4*	1%*	0%	0	0%	0	0%	0	0	0%
154032 BHU, NUNGLE BUTCHER	1	6.8*	0%	0%	1	6%	0	0%	0	0	0%
154033 BHU, PINDI MARCHAN	3	4.0*	0%	0%	0	0%	7	25%	0	0	0%
154034 BHU, QALLIA LAL SINGH	3	6.0*	0%	0%	0	0%	0	0%	0	0	0%
154035 BHU, SHARAKPUR KHURD	3	9.3*	1%*	0%	0	0%	1	1%	0	0	0%
154036 BHU, TANDAY LAD WAY	2	4.4*	4%*	0%	0	0%	0	0%	0	0	0%
154037 BHU, VANDALA NASIR KHAN	3	5.7*	0%	0%	1	2%	0	0%	0	0	0%
154039 BHU, BAHARWAL KOT	3	9.2*	0%	0%	0	0%	0	0%	0	0	0%
154040 BHU, BAHU MANN	3	5.9*	0%	0%	0	0%	5	45%*	0	0	0%
154041 BHU, BUDHA	3	6.7*	1%*	50%	0	0%	4	17%	0	0	0%
154042 BHU, CHAK NO. 6 RAM NAGAR	3	2.3*	0%	0%	0	0%	0	0%	0	0	0%
154043 BHU, CHAK NO. 9	2	3.3*	0%	0%	0	0%	0	0%	0	0	0%
154044 BHU, CHAK NO. 13 RANDHIR	3	4.6*	132%*	0%	0	0%	12	60%*	0	0	0%
154045 BHU, CHAK NO. 17 KARYAL	3	13.6	1%*	0%	0	0%	5	5%	0	0	0%
154046 BHU, CHAND PUR	3	3.4*	0%	0%	1	4%	0	0%	0	0	0%

* Signifies extreme values

<10 <5%
>100 >20%

>10%

>30%

>50%

ID #	Health Institution	No of Rpts	Avg NC Per day	Referrals		Diarrhoea & Dysentery <5		ARI < 5		Tuberculosis		
				% of NC	% Fback Recd.	Severe Cases	% of NC <5	Pneumon Cases	% of NC <5	Dischgd.	Defaulters % of Dischgd.	
154047	BHU, CHANDAR NAGAR CHAK NO.2	3	3.6*	4%	25%	0	0%	0	0%	0	0	0%
154048	BHU, DODAY	3	2.6*	0%	0%	0	0%	0	0%	0	0	0%
154049	BHU, FATAH THATT	3	3.4*	0%	0%	0	0%	0	0%	0	0	0%
154050	BHU, FATEY DARIA	3	5.0*	0%	0%	0	0%	9	32%*	0	0	0%
154051	BHU, HAFAT MODAR	3	3.0*	22%*	0%	0	0%	0	0%	0	0	0%
154052	BHU, HYDERABAD	3	2.0*	2%	0%	0	0%	1	33%*	0	0	0%
154053	BHU, KHIARAY KALAN	2	5.8*	0%	0%	0	0%	6	100%*	0	0	0%
154054	BHU, KOT BINI DAS	2	4.8*	0%	0%	0	0%	0	0%	0	0	0%
154055	BHU, KOT FAZAL	3	2.5*	0%	0%	0	0%	0	0%	0	0	0%
154056	BHU, KOT HUSSAIN	3	5.2*	1%	50%	0	0%	0	0%	0	0	0%
154057	BHU, KOT NAU BAHAR	3	1.6*	0%	0%	0	0%	0	0%	0	0	0%
154058	BHU, KOT TAHIR	3	3.4*	2%	0%	0	0%	11	79%*	0	0	0%
154059	BHU, LURKA	2	3.2*	0%	0%	0	0%	0	0%	0	0	0%
154060	BHU, MACHORA	3	2.3*	0%	0%	0	0%	0	0%	0	0	0%
154061	BHU, MALKA HAJI	3	2.8*	0%	0%	2	7%	5	56%*	0	0	0%
154062	BHU, MARTIN PUR	3	3.0*	0%	0%	0	0%	0	0%	0	0	0%
154063	BHU, MEHR PUR	3	4.4*	3%	0%	0	0%	0	0%	0	0	0%
154064	BHU, MITHRAN PUR	2	4.7*	0%	0%	0	0%	0	0%	0	0	0%
154065	BHU, MORA VILLAGE	3	3.4*	0%	0%	0	0%	4	25%	0	0	0%
154066	BHU, MUD WALA KHURDE	3	12.3	0%	0%	0	0%	0	0%	0	0	0%
154067	BHU, NABI PUR PIRAN	3	11.8	1%	25%	0	0%	22	19%	0	0	0%
154068	BHU, THATTA BHATIAN	3	3.2*	0%	0%	0	0%	0	0%	0	0	0%
154069	BHU, THATTA ISMAIL PUR	3	5.6*	1%	0%	1	11%*	20	65%*	0	0	0%
154070	BHU, YOUNGSON ABAD	3	3.8*	0%	0%	0	0%	0	0%	0	0	0%
154071	BHU, ABDULLAH PUR KOLAR	1	4.1*	0%	0%	6	67%*	2	50%*	0	0	0%
154073	BHU, AJNIANA WALA	2	11.9	95%*	2%	0	0%	12	9%	0	0	0%
154074	BHU, AMER KOT	1	0.0*	0%*	0%	0	0%	0	0%	0	0	0%
154076	BHU, BADO MALI	3	4.1*	0%	0%	0	0%	6	43%*	0	0	0%
154077	BHU, BHATAL	3	24.2	0%	0%	2	4%	106	51%*	0	0	0%
154078	BHU, BHLARIIA	3	7.7*	4%	13%	0	0%	8	17%	0	0	0%
154079	BHU, BHORRO	2	4.6*	3%	33%	0	0%	0	0%	0	0	0%
154080	BHU, BOLA CHAK 178	3	2.9*	0%	0%	0	0%	1	8%	0	0	0%
154081	BHU, BURRALA	3	4.0*	298%*	0%	0	0%	4	22%	0	0	0%
154082	BHU, CHAPPA	3	6.6*	0%	0%	3	14%*	1	4%	0	0	0%
154083	BHU, DALA NANGAL	2	4.1*	0%	0%	0	0%	1	33%*	0	0	0%
154084	BHU, DAMO ANA	2	3.5*	0%	0%	0	0%	2	13%	0	0	0%
154085	BHU, DUHARI	2	5.3*	165%*	0%	5	16%*	65	56%*	0	0	0%
154086	BHU, ESHER KAY	1	7.3*	0%	0%	0	0%	4	24%	0	0	0%
154088	BHU, FEROS WATU WAN	2	3.9*	2%	0%	1	11%*	5	26%	0	0	0%
154089	BHU, GHANG VILLAGE	3	7.3*	0%	0%	0	0%	0	0%	0	0	0%
154090	BHU, GHANIA	3	2.9*	4%	0%	0	0%	0	0%	0	0	0%
154091	BHU, GHUGEANA NOU	3	6.1*	2%	0%	0	0%	17	35%*	0	0	0%
154093	BHU, HERDO BANOKE	2	11.7	0%	0%	0	0%	12	43%*	0	0	0%
154094	BHU, HOYKAY	2	3.8*	2%	0%	0	0%	0	0%	0	0	0%

* Signifies extreme values

<10 <5%
>100 >20%

>10%

>30%

>50%

ID #	Health Institution	No of Rpts.	Avg NC Per day	Referrals		Diarrhoea & Dysentery <5		ARI < 5		Tuberculosis		
				% of NC	% Fback Recd.	Severe Cases	% of NC <5	Pneumon Cases	% of NC <5	Dischgd.	Defaulters No.	% of Dischgd.
154095	BHU, ISLAM NAGAR	2	12.5	0%	0%	1	3%	12	27%	0	0	0%
154096	BHU, JATRI KOWA	2	12.1	1%*	0%	0	0%	2	3%	0	0	0%
154097	BHU, KAKI RASOOL PUR JATAN	3	9.5*	1%*	0%	0	0%	15	54%*	0	0	0%
154098	BHU, KALOKAY	3	4.4*	0%	0%	0	0%	9	50%*	0	0	0%
154099	BHU, KOT REHMAT KHAN	3	8.9*	0%	0%	2	8%	9	35%*	0	0	0%
154100	BHU, KOT SOHANDA	3	5.5*	0%	0%	0	0%	10	29%	0	0	0%
154101	BHU, LAGAR	3	8.9*	2%*	50%	0	0%	11	27%	0	0	0%
154102	BHU, MAKKY 460	3	5.3*	0%	0%	0	0%	0	0%	0	0	0%
154103	BHU, MALLIAN WALA	1	1.1*	0%	0%	0	0%	0	0%	0	0	0%
154105	BHU, MANDIALA CHAK NO 20	2	4.8*	2%*	0%	0	0%	0	0%	0	0	0%
154106	BHU, MANGET	3	2.6*	3%*	0%	0	0%	0	0%	0	0	0%
154107	BHU, MAR BALDOCHAN	2	5.2*	0%	0%	0	0%	9	82%*	0	0	0%
154108	BHU, MARRAR CHAK 41	3	3.2*	4%*	25%	2	12%*	2	29%	0	0	0%
154110	BHU, MARRAR CHAK 45	2	6.9*	0%	0%	0	0%	0	0%	0	0	0%
154111	BHU, MIRZA VIRKAN	3	5.3*	7%	11%	0	0%	3	11%	0	0	0%
154112	BHU, MOHD PURA	3	5.4*	0%	0%	0	0%	0	0%	0	0	0%
154113	BHU, NATHO WALA	2	11.4	1%*	0%	5	21%*	15	48%*	0	0	0%
154114	BHU, NAWAN PIND	3	6.0*	0%	0%	0	0%	5	26%	0	0	0%
154115	BHU, PAKHRI WALA	3	4.2*	0%	0%	0	0%	5	19%	0	0	0%
154116	BHU, PANWAN	3	7.0*	1%*	0%	0	0%	3	6%	0	0	0%
154117	BHU, PINDRAYAN	2	3.4*	0%	0%	0	0%	11	58%*	0	0	0%
154118	BHU, QILA MEER ZAMAN	3	5.9*	0%	0%	0	0%	0	0%	0	0	0%
154119	BHU, RANNI KAY	3	9.0*	0%*	0%	0	0%	4	6%	0	0	0%
154120	BHU, RATI TIBI	1	12.0	0%	0%	0	0%	0	0%	0	0	0%
154121	BHU, SAWOKI MALLIAN	2	5.9*	0%	0%	0	0%	3	19%	0	0	0%
154122	BHU, SALAR BHATTIAN	2	5.3*	0%	0%	0	0%	0	0%	0	0	0%
154123	BHU, TIBBI HUMBO	2	6.7*	3%*	20%	0	0%	41	57%*	0	0	0%
154124	BHU, VEERKAY BATH	3	8.3*	4%*	25%	3	14%*	23	49%*	0	0	0%
154153	GOVT. RURAL DISP., BARRA GARH	2	4.4*	0%	0%	0	0%	0	0%	0	0	0%
154169	RURAL DISP., SATHIALI KALAN	1	0.0*	0%	0%	0	0%	0	0%	0	0	0%
154170	C. DISP, PACCA DALLA	2	1.9*	0%	0%	0	0%	3	38%*	0	0	0%
154171	CIVIL DISP., FAROOQABAD	1	21.4	0%	0%	0	0%	1	6%	0	0	0%
154202	MCH CTR, PANDORIAN	1	3.1*	160%*	0%	0	0%	3	43%*	0	0	0%
154203	MCH CTR, BHIKHI	2	0.0*	0%	0%	0	0%	0	0%	0	0	0%
154209	MCH CTR NO.1, SHEIKHUPURA	2	5.6*	6%	100%	0	0%	0	0%	0	0	0%
154210	MCH CTR NO.2, SHEIKHUPURA	2	5.1*	0%	0%	0	0%	0	0%	0	0	0%
154211	RHC, KALA SHAH KAKU	3	8.9*	4%*	0%	0	0%	9	69%*	0	0	0%
154212	RHC, NARANG MANDI	3	64.8	6%	0%	6	6%	39	12%	0	0	0%
154214	RHC, SHARAF PUR SHARIF	3	24.3	7%	0%	2	10%	12	17%	1	1	100%*
154215	RHC, BICHEKI	3	17.4	1%*	0%	0	0%	0	0%	0	0	0%
154216	RHC, MOREK HUNDA	3	8.2*	149%*	0%	0	0%	0	0%	0	0	0%
154217	RHC, REMAN WALA	3	23.9	9%	4%	2	5%	32	39%*	11	8	73%*
154218	RHC, SYED WALA	3	21.8	1%*	0%	0	0%	6	6%	7	0	0%
154219	RHC, WARBURTON	2	55.1	1%*	13%	0	0%	21	16%	0	0	0%

* Signifies extreme values

<10 <5%
>100 >20%

>10%

>30%

>50%

ID #	Health Institution	No of Rpts.	Avg NC Per day	Referrals		Diarrhoea & Dysentery <5		ARI < 5		Tuberculosis		
				% of NC	% Fback Recd.	Severe Cases	% of NC <5	Pneumon Cases	% of NC <5	Dischgd.	Defaulters % of No. Dischgd.	
154220	RHC, FAROOQABAD	1	23.5	2%*	0%	0	0%	10	45%*	1	0	0%
154221	RHC, JUNDIALA SHER KHAN	3	7.3*	2%*	0%	0	0%	3	11%	0	0	0%
154222	RHC, KHAN KA DOGRAN	3	36.5	2%*	5%	5	10%*	9	20%	3	0	0%
154223	RHC, KHARIAN WALA	2	14.2	1%*	0%	0	0%	1	17%	0	0	0%
154224	RHC, SAFDARABAD	3	26.7	2%*	8%	1	2%	4	5%	10	10	100%*
154225	RHC, SANGLA HILL	3	20.2	0%	0%	0	0%	8	17%	0	0	0%
154226	RHC, SHAH KOT	4	18.3	1%*	0%	0	0%	2	17%	0	0	0%
154247	SHC, KALEY	5	1.4*	0%	0%	0	0%	0	0%	0	0	0%
154252	SHC, MADAR	1	1.7*	0%	0%	0	0%	0	0%	0	0	0%
154259	MCH CENTRE, IMAMIA COLONY	1	3.6*	0%	0%	0	0%	2	100%*	0	0	0%
154260	BHU, WANDIALA DIAL SHAH	2	7.6*	10%	0%	0	0%	0	0%	0	0	0%
154261	MCH CENTRE, IMAMIA COLONY	1	2.4*	0%	0%	0	0%	0	0%	0	0	0%
154262	GOVT. RURAL DISPENSARY,	2	16.5	1%*	38%	5	18%*	0	0%	0	0	0%
154266	BHU NANGAL KASWAL,	2	4.2*	1%*	0%	0	0%	46	56%*	0	0	0%
								14	44%*	0	0	0%

* Signifies extreme values

<10 <5%
>100 >20%

>10%

>30%

>50%

QUARTER: 1

YEAR: 93

15

ID No.	Health Institution	No. of Rpts.	Prenatal			Deliveries			Postnatal	Family Planning	
			Expected Pregnan.	No. of New Reg	% of Exp. Pregn.	Expected Deliver.	No. by Trained Persons	% of Exp. Deliv.	% of prev. mnth. deliv. with >=1 Postnat. visits	Total Visits	% New Clients

District: SHEIKHUPURA

154001	BHU, AHDIAN	2	28	0	0%	25	0	0%	0%	0	0%
154002	BHU, BADHROMIANI MAQBOOL PUR	2	13	0	0%	12	0	0%	0%	0	0%
154003	BABAKWAL, VILL: BABAKWAL	2	142	6	4%	128	0	0%	164%	6	100%
154004	BHU, BHIAN WALA	3	60	13	22%	54	5	8%	60%	6	83%
154007	BHU, CHAK NO. 34	3	192	24	13%	173	8	4%	0%	0	0%
154008	BHU, CHAK NO. 44 FERQZWALA	2	158	58	37%	142	50	32%	9.4%	14	93%
154009	BHU, DHAMKE	3	333	0	0%	300	0	0%	0%	0	0%
154010	BHU, DHOROR MUSLIM	2	0	0	0%	0	0	0%	0%	0	0%
154011	BHU, FATHO WALA	3	194	36	19%	175	16	8%	40%	40	43%
154012	BHU, FERQZE WALA	2	100	44	44%	90	11	11%	44%	19	58%
154013	BHU, GHARIAL KALAN	2	71	0	0%	64	0	0%	0%	0	0%
154014	BHU, GHARYIAL KALAN	1	36	0	0%	32	0	0%	0%	0	0%
154015	BHU, GHORIAN MUQLAN	3	205	0	0%	185	0	0%	0%	0	0%
154016	BHU, HERDOO BRIAR	3	214	0	0%	193	0	0%	0%	0	0%
154017	BHU, JANDIALA KALSAN	1	41	17	42%	37	15	37%	80%	6	67%
154018	BHU, KATHIALA VIRKAN	3	111	0	0%	100	0	0%	0%	0	0%
154019	BHU, KHAN PUR	3	239	22	9%	215	7	3%	180%	13	92%
154020	BHU, KIRTO	1	43	0	0%	39	0	0%	0%	0	0%
154022	BHU, KOT PINDI DAS	3	244	27	11%	220	29	12%	61%	0	0%
154023	BHU, KOTLI VIRKAN	3	154	0	0%	138	0	0%	0%	0	0%
154024	BHU, LAOHAY KAY	3	163	3	2%	146	1	1%	0%	0	0%
154025	BHU, LUBAN WALA	3	214	0	0%	193	0	0%	0%	0	0%
154026	BHU, LUMBRAY	3	205	0	0%	185	0	0%	0%	0	0%
154027	BHU, MANDIALI	3	61	0	0%	55	0	0%	0%	0	0%
154028	BHU, MARH BHAGWAN	3	241	30	12%	217	14	6%	40%	11	18%
154029	BHU, MENTA SUJA	3	181	0	0%	163	0	0%	0%	0	0%
154030	BHU, NIZAM PURA DHACCA	3	211	44	21%	190	15	7%	100%	5	80%
154032	BHU, MUNGLE BUTCHER	1	73	0	0%	65	0	0%	0%	0	0%
154033	BHU, PINDI MARCHAN	3	111	39	35%	100	21	19%	50%	13	77%
154034	BHU, QALLIA LAL SINGH	3	221	54	24%	199	29	13%	200%	57	49%
154035	BHU, SHARAKPUR KHURD	3	417	0	0%	375	0	0%	0%	30	37%
154036	BHU, TANDAY LAD WAY	2	125	0	0%	112	0	0%	0%	0	0%
154037	BHU, VANDALA NASIR KHAN	3	179	42	23%	162	13	7%	109%	25	48%
154039	BHU, BAHARWAL KOT	3	212	53	25%	190	25	12%	53%	7	100%
154040	BHU, BAHU MANN	3	125	20	16%	113	0	0%	0%	6	100%
154041	BHU, BUOHA	3	190	4	2%	171	6	3%	0%	0	0%
154042	BHU, CHAK NO. 6 RAM NAGAR	3	141	23	16%	127	35	25%	0.0%	18	100%
154043	BHU, CHAK NO. 9	2	152	0	0%	137	0	0%	0%	0	0%
154044	BHU, CHAK NO. 13 RANDHIR	3	137	34	25%	124	16	12%	100%	6	100%
154045	BHU, CHAK NO. 17 KARYAL	3	152	25	16%	137	9	6%	0%	3	100%
154046	BHU, CHAND PUR	3	181	0	0%	163	0	0%	0%	0	0%
154047	BHU, CHANDAR NAGAR CHAK NO.2	3	217	40	18%	195	23	11%	200%	9	100%
154048	BHU, DODAY	3	132	0	0%	119	0	0%	0%	0	0%

* Signifies low values < 70 of target.

PREVENTIVE CARE FOR MOTHERS REPORT (DS3)

QUARTER: 1

YEAR: 93

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IO No.	Health Institution	No. of Rpts.	Prenatal			Deliveries			Postnatal	Family Planning	
			Expected Pregnan.	No. of New Reg.	% of Exp. Pregn.	Expected Deliver.	No. by Trained Persons	% of Exp. Deliv.	% of prev. mnth. deliv. with >=1 Postnat. visits	Total Visits	% New Clients
154049	BHU, FATAH THATT	3	188	54	29%*	169	3	2%*	0%*	12	100%
154050	BHU, FATEY DARIA	3	215	0	0%*	194	0	0%*	0%*	0	0%
154051	BHU, HAFAT MODAR	3	190	0	0%*	171	0	0%*	0%*	0	0%
154052	BHU, HYDERABAD	3	177	0	0%*	160	0	0%*	0%*	0	0%
154053	BHU, KHIARAY KALAN	2	82	0	0%*	74	0	0%*	0%*	0	0%
154054	BHU, KOT BINI DAS	2	154	0	0%*	139	0	0%*	0%*	0	0%
154055	BHU, KOT FAZAL	3	101	0	0%*	91	0	0%*	0%*	0	0%
154056	BHU, KOT HUSSAIN	3	188	0	0%*	169	0	0%*	0%*	4	0%
154057	BHU, KOT NAU BAHAR	3	277	0	0%*	250	0	0%*	0%*	0	0%
154058	BHU, KOT TAHIR	3	153	0	0%*	138	6	4%*	0%*	0	0%
154059	BHU, LURKA	2	150	0	0%*	135	0	0%*	0%*	0	0%
154060	BHU, MACHORA	3	224	0	0%*	202	0	0%*	0%*	0	0%
154061	BHU, MALKA HAJI	3	195	0	0%*	175	0	0%*	0%*	0	0%
154062	BHU, MARTIN PUR	3	119	23	19%*	107	28	24%	0.0%*	6	100%
154063	BHU, MEHR PUR	3	167	0	0%*	151	0	0%*	0%*	0	0%
154064	BHU, MITHRAN PUR	2	149	23	15%*	134	5	3%*	100%	4	75%
154065	BHU, MORA VILLAGE	3	243	0	0%*	219	0	0%*	0%*	0	0%
154066	BHU, MUD WALA KHURDE	3	222	25	11%*	200	21	9%	388%	24	46%
154067	BHU, NABI PUR PIRAN	3	314	8	3%*	283	8	3%*	0.0%*	7	86%
154068	BHU, THATTA BHATIAN	3	208	0	0%*	187	0	0%*	0%*	0	0%
154069	BHU, THATTA ISMAIL PUR	3	86	0	0%*	78	0	0%*	0%*	0	0%
154070	BHU, YOUNGSON ABAD	3	128	8	6%*	116	0	0%*	0.0%*	1	100%
154071	BHU, ABDULLAH PUR KOLAR	1	56	0	0%*	51	0	0%*	0%*	0	0%
154073	BHU, AJNIANA WALA	2	128	0	0%*	116	0	0%*	0%*	0	0%
154074	BHU, AMER KOT	1	0	0	0%*	0	0	0%*	0%*	0	0%
154076	BHU, BADO MALI	3	182	0	0%*	164	0	0%*	0%*	0	0%
154077	BHU, BHATAL	3	200	27	14%*	180	17	9%	94%	24	79%
154078	BHU, BHLARIIA	3	138	53	39%*	124	7	5%*	13%*	12	100%
154079	BHU, BHORRO	2	120	0	0%*	108	0	0%*	0%*	0	0%
154080	BHU, BOLA CHAK 178	3	117	0	0%*	105	0	0%*	0%*	0	0%
154081	BHU, BURRALA	3	189	44	23%*	170	13	7%*	44%*	7	100%
154082	BHU, CHAPPA	3	338	0	0%*	304	8	2%*	0%*	0	0%
154083	BHU, DALA MANGAL	2	146	20	14%*	132	9	6%*	0%*	12	100%
154084	BHU, DAMO ANA	2	123	7	6%*	110	0	0%*	0%*	2	100%
154085	BHU, DUHARI	2	138	0	0%*	124	0	0%*	0%*	0	0%
154086	BHU, ESHER KAY	1	95	14	15%*	86	6	6%*	0%*	2	50%
154088	BHU, FERAZ WATU WAN	2	176	51	29%*	159	11	6%*	62%*	9	78%
154089	BHU, GHANG VILLAGE	3	290	0	0%*	261	0	0%*	0%*	0	0%
154090	BHU, GHANIA	3	161	10	6%*	145	6	4%*	0%*	2	100%
154091	BHU, GHUGANNA NOU	3	278	38	14%*	250	0	0%*	0.0%*	26	100%
154093	BHU, HEROD BANDOKE	2	145	19	13%*	131	10	7%*	0.0%*	3	33%
154094	BHU, HOYKAY	2	65	12	18%*	58	4	6%*	33%*	0	0%
154095	BHU, ISLAM NAGAR	2	149	20	13%*	134	39	26%	23%*	12	42%
154096	BHU, JATRI KOWA	2	118	77	65%*	106	27	23%	92%	11	100%
154097	BHU, KAKI RASOOL PUR JATAN	3	109	0	0%*	98	0	0%*	0%*	0	0%
154098	BHU, KALOKAY	3	189	0	0%*	170	0	0%*	0%*	0	0%

* Signifies low values < 70 of target.

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QUARTER: 1

YEAR: 93

ID No.	Health Institution	No. of Rpts.	Prenatal			Deliveries			Postnatal	Family Planning	
			Expected Pregnan.	No. of New Reg	% of Exp. Pregn.	Expected Deliver.	No. by Trained Persons	% of Exp. Deliv.	% of prev. mnth. deliv. with >=1 Postnat. visits	Total Visits	% New Clients
154099	BHU, KOT REHMAT KHAN	3	188	0	0%*	169	0	0%*	0%*	0	0%
154100	BHU, KOT SOHANDA	3	220	99	45%*	198	14	6%*	29%*	15	100%
154101	BHU, LAGAR	3	122	0	0%*	110	0	0%*	0%*	2	100%
154102	BHU, MAKKY 460	3	240	12	5%*	216	23	10%	42%*	4	75%
154103	BHU, MALITAN WALA	1	0	0	0%*	0	0	0%*	0%*	0	0%
154105	BHU, MANDIALA CHAK NO 20	2	122	56	46%*	110	18	15%*	79%	9	78%
154106	BHU, MANGET	3	332	80	24%*	299	11	3%*	64%*	7	100%
154107	BHU, MAR BALDOCHAN	2	117	28	24%*	106	9	8%*	100%	4	100%
154108	BHU, MARRAR CHAK 41	3	186	42	23%*	167	3	2%*	0%*	10	80%
154110	BHU, MARRAR CHAK 45	2	95	0	0%*	85	0	0%*	0%*	0	0%
154111	BHU, MIRZA VIRKAN	3	255	16	6%*	230	7	3%*	0%*	11	82%
154112	BHU, MOHD PURA	3	141	0	0%*	127	0	0%*	0%*	0	0%
154113	BHU, NATHO WALA	2	97	0	0%*	87	0	0%*	0%*	0	0%
154114	BHU, NAWAN PIND	3	239	32	13%*	215	24	10%	71%	8	100%
154115	BHU, PAKHRI WALA	3	227	111	49%*	204	42	18%	20%*	10	80%
154116	BHU, PANWAN	3	201	36	18%*	181	0	0%*	0%*	3	100%
154117	BHU, PINDRAYAN	2	124	0	0%*	112	0	0%*	0%*	0	0%
154118	BHU, QILA MEER ZAMAN	3	49	0	0%*	44	0	0%*	0%*	0	0%
154119	BHU, RANHI KAY	3	212	55	26%*	190	15	7%*	255%	3	100%
154120	BHU, RATI TIBI	1	79	30	38%*	71	9	11%*	100%	15	53%
154121	BHU, SAHOKI MALLIAN	2	111	41	37%*	100	5	5%*	50%*	7	100%
154122	BHU, SALAR BHATTIAN	2	104	56	54%*	93	16	15%*	0%*	6	67%
154123	BHU, TIBBI HUMBO	2	111	33	30%*	100	18	16%*	34%*	8	88%
154124	BHU, VEERKAY BATH	3	153	0	0%*	138	0	0%*	0%*	0	0%
154153	GOVT. RURAL DISP., BARA GARH	2	147	0	0%*	133	0	0%*	0%*	0	0%
154169	RURAL DISP., SATHIALI KALAN	1	160	0	0%*	144	0	0%*	0%*	0	0%
154170	C.DISP., PACCA DALLA	2	37	0	0%*	33	0	0%*	0%*	0	0%
154171	CIVIL DISP., FAROOQABAD	1	326	0	0%*	293	0	0%*	0%*	0	0%
154202	MCH CTR, PANDORIAN	1	62	0	0%*	56	0	0%*	0%*	0	0%
154203	MCH CTR, BHIKHI	2	124	50	40%*	112	11	9%*	121%	0	0%
154209	MCH CTR NO.1, SHEIKHUPURA	2	21	74	344%	19	47	219%	133%	8	100%
154210	MCH CTR NO.2, SHEIKHUPURA	2	148	153	103%	133	11	7%*	0%*	16	31%
154211	RHC, KALA SHAH KAKU	3	556	116	21%*	500	20	4%*	457%	28	82%
154212	RHC, NARANG MANDI	3	283	952	336%	255	100	35%	85%	26	88%
154214	RHC, SHARAF PUR SHARIF	3	1622	67	4%*	1460	31	2%*	161%	28	100%
154215	RHC, BICHEKI	3	299	0	0%*	269	0	0%*	0%*	0	0%
154216	RHC, MOREK HUNDA	3	366	160	44%*	330	40	11%	84%	28	89%
154217	RHC, REMAN WALA	3	389	39	10%*	350	15	4%*	0.0%*	18	61%
154218	RHC, SYED WALA	3	180	0	0%*	162	0	0%*	0%*	0	0%
154219	RHC, WARBURTON	2	320	54	17%*	288	9	3%*	333%	20	65%
154220	RHC, FAROOQABAD	1	326	41	13%*	293	12	4%*	37%*	2	100%
154221	RHC, JUNDIALA SHER KHAN	3	244	0	0%*	220	0	0%*	0%*	0	0%
154222	RHC, KHAN KA DOGRAM	3	340	92	27%*	306	44	13%	100%	71	69%
154223	RHC, KHARIAN WALA	2	111	48	43%*	100	53	48%	0.0%*	9	100%
154224	RHC, SAFOARABAD	3	976	622	64%*	879	47	5%*	567%	55	38%
154225	RHC, SANGLA HILL	3	1167	0	0%*	1050	0	0%*	0%*	0	0%

* Signifies low values < 70 of target.

QUARTER: 1 YEAR: 93

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ID No.	Health Institution	No. of Rpts.	Prenatal			Deliveries			Postnatal	Family Planning	
			Expected Pregnan.	No. of New Reg	% of Exp. Pregn.	Expected Deliver.	No. by Trained Persons	% of Exp. Deliv.	% of prev. mnth. deliv. with >=1 Postnat. visits	Total Visits	% New Clients
154226	RHC, SHAH KOT	4	485	43	9%*	436	18	4%*	0.0%*	7	71%
154247	SHC, KALEY	3	56	0	0%*	50	0	0%*	0%*	0	0%
154252	SHC, MADAR	1	17	0	0%*	15	0	0%*	0%*	0	0%
154259	MCH CENTRE, IMAMIA COLONY	1	92	47	51%*	83	10	11%*	100%	0	0%
154260	BHU, WANDIALA DIAL SHAH	2	139	8	6%*	125	4	3%*	100%	4	100%
154261	MCH CENTRE, IMAMIA COLONY	1	92	23	25%*	83	7	8%*	100%	0	0%
154262	GOVT. RURAL DISPENSARY,	2	600	30	5%*	540	14	2%*	35%*	3	0%
154266	BHU NANGAL KASWAL,	2	90	25	28%*	81	4	4%*	120%	12	75%

* Signifies low values < 70 of target.

QUARTER: 1

YEAR: 93

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ID No	Health Institution	No. of Rpts.	Target Pop. <1 Yr	GROWTH MONIT		VACCINATIONS AGES 0 - 11 MONTHS											
				Newly Regist. <1 Year		BCG		DPT1		DPT3		OPV1		OPV3		Measles	
				N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.

District: SHEIKHUPURA

154001 BHU, AHDIAN	2	24	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154002 BHU, BADHROMIANI MAQBOOL PUR	2	12	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154003 BABAKWAL, VILL: BABAKWAL	2	120	2	2%	25	21%	46	38%	38	83%	46	38%	38	83%	39	32%
154004 BHU, BHIAN WALA	3	51	17	34%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154007 BHU, CHAK NO. 34	3	162	20	12%	76	47%	72	44%	43	60%	72	44%	43	60%	56	35%
154008 BHU, CHAK NO. 44 FEROWZALA	2	134	46	35%	27	20%	104	78%	21	20%	104	78%	21	20%	41	31%
154009 BHU, DHAMKE	3	282	0	0%	92	33%	89	32%	62	70%	89	32%	62	70%	64	23%
154010 BHU, DHOROR MUSLIM	2	0	0	0%	108	0%	108	0%	93	86%	108	0%	93	86%	87	0%
154011 BHU, FATHO WALA	3	165	36	22%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154012 BHU, FEROWZE WALA	2	84	90	107%	174	206%	169	200%	145	86%	169	200%	145	86%	109	129%
154013 BHU, GHARIAL KALAN	2	60	0	0%	32	53%	30	50%	26	87%	30	50%	26	87%	0	0%
154014 BHU, GHARYIAL KALAN	1	30	0	0%	36	119%	32	106%	28	88%	32	106%	28	88%	35	116%
154015 BHU, GHORIAN MUQLAN	3	174	0	0%	129	74%	149	86%	3	2%	149	86%	14	9%	96	55%
154016 BHU, HERDOO BRIAR	3	180	0	0%	80	44%	87	48%	93	107%	87	48%	93	107%	70	39%
154017 BHU, JANDIALA KALSAN	1	34	0	0%	43	125%	38	110%	35	92%	38	110%	35	92%	34	99%
154018 BHU, KATHIALA VIRKAN	3	93	0	0%	152	162%	156	166%	140	90%	156	166%	140	90%	82	87%
154019 BHU, KHAN PUR	3	201	21	10%	48	24%	81	40%	78	96%	46	23%	35	76%	35	17%
154020 BHU, KIRTO	1	36	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154022 BHU, KOT PINDI DAS	3	207	17	8%	251	122%	232	112%	207	89%	232	112%	207	89%	203	98%
154023 BHU, KOTLI VIRKAN	3	129	0	0%	142	109%	164	126%	72	44%	164	126%	105	84%	98	76%
154024 BHU, LADHAY KAY	3	138	2	1%	79	58%	75	55%	30	40%	74	54%	35	47%	98	71%
154025 BHU, LUBAN WALA	3	180	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154026 BHU, LUMBRAY	3	174	0	0%	38	22%	42	24%	32	76%	42	24%	32	76%	32	18%
154027 BHU, MANDIALI	3	51	0	0%	48	93%	216	419%	143	66%	216	419%	143	66%	90	175%
154028 BHU, MARH BHAGWAN	3	204	22	11%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154029 BHU, MEHTA SUJA	3	153	0	0%	76	50%	107	70%	53	50%	107	70%	53	50%	65	42%
154030 BHU, NIZAM PURA DHACCA	3	177	36	20%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154032 BHU, NUNGLE BUTCHER	1	61	0	0%	54	88%	53	86%	43	81%	53	86%	43	81%	48	78%
154033 BHU, PINDI MARCHAN	3	93	43	46%	35	37%	43	46%	28	65%	43	46%	28	65%	18	19%
154034 BHU, QALLIA LAL SINGH	3	186	78	42%	80	43%	78	42%	67	86%	78	42%	67	86%	61	33%
154035 BHU, SHARAKPUR KHURD	3	351	0	0%	80	23%	75	21%	56	75%	75	21%	56	75%	77	22%
154036 BHU, TANDAY LAD WAY	2	106	0	0%	31	29%	41	39%	24	59%	41	39%	24	59%	35	33%
154037 BHU, VANDALA NASIR KHAN	3	150	80	53%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154039 BHU, BAHARWAL KOT	3	177	63	35%	73	41%	156	87%	117	75%	159	89%	117	74%	85	48%
154040 BHU, BAHU MANN	3	105	23	22%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154041 BHU, BUDHA	3	159	4	2%	83	52%	90	56%	74	82%	90	56%	74	82%	86	54%
154042 BHU, CHAK NO. 6 RAM NAGAR	3	120	18	15%	239	201%	314	265%	337	107%	314	265%	342	109%	236	199%
154043 BHU, CHAK NO. 9	2	128	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154044 BHU, CHAK NO. 13 RANDHIR	3	117	15	13%	34	29%	49	42%	34	69%	36	31%	0	0%	24	21%
154045 BHU, CHAK NO. 17 KARYAL	3	129	27	21%	92	72%	120	94%	83	69%	120	94%	83	69%	73	57%
154046 BHU, CHAND PUR	3	153	0	0%	30	20%	64	42%	46	72%	64	42%	46	72%	52	34%
154047 BHU, CHANDAR NAGAR CHAK NO. 2	3	183	34	19%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154048 BHU, DODAY	3	111	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154049 BHU, FATAH THATT	3	159	38	24%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

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ID No	Health Institution	No. of Rpts.	Target Pop. <1 Yr	GROWTH MONIT		VACCINATIONS AGES 0 - 11 MONTHS											
				Newly Regist. <1 Year		BCG		OPT1		DPT3		OPV1		OPV3		Measle	
				N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.
154050	BHU, FATEY DARIA	3	183	0	0%*	0	0%*	25	14%*	37	148%	25	14%*	37	148%	30	1
154051	BHU, HAFAT MODAR	3	159	4	2%*	30	19%*	64	40%*	46	72%	64	40%*	46	72%	52	3
154052	BHU, HYDERABAD	3	150	0	0%*	36	24%*	31	21%*	14	45%*	31	21%*	14	45%*	20	1
154053	BHU, KHIAARAY KALAN	2	70	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154054	BHU, KOT BINI DAS	2	130	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154055	BHU, KOT FAZAL	3	87	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154056	BHU, KOT HUSSAIN	3	159	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154057	BHU, KOT MAU BAHAR	3	234	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154058	BHU, KOT TAHIR	3	129	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154059	BHU, LURKA	2	126	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154060	BHU, MACHORA	3	189	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154061	BHU, MALKA HAJI	3	165	0	0%*	41	25%*	46	28%*	32	70%	46	28%*	32	70%	40	2
154062	BHU, MARTIN PUR	3	99	9	9%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154063	BHU, MEHR PUR	3	141	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154064	BHU, MITHRAM PUR	2	126	51	41%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154065	BHU, MORA VILLAGE	3	204	0	0%*	57	28%*	53	26%*	47	89%	54	26%*	47	87%	67	3
154066	BHU, MUD WALA KHURDE	3	186	9	5%*	60	32%*	112	60%*	53	47%*	92	49%*	82	89%	92	4
154067	BHU, NABI PUR PIRAN	3	264	23	9%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154068	BHU, THATTA BHATIAN	3	174	0	0%*	28	16%*	25	14%*	21	84%	25	14%*	0	0%*	19	11
154069	BHU, THATTA ISMAIL PUR	3	72	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154070	BHU, YOUNGSON ABAD	3	108	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154071	BHU, ABDULLAH PUR KOLAR	1	47	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154073	BHU, AJNIANA WALA	2	108	0	0%*	49	45%*	490	452%	45	9%*	49	45%*	45	92%	0	0
154074	BHU, AMER KOT	1	0	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154076	BHU, BADO MALI	3	153	0	0%*	88	57%	158	103%	153	97%	177	115%	174	98%	165	107
154077	BHU, BHATAL	3	168	47	28%*	76	45%*	169	100%	136	80%	169	100%	136	80%	117	69
154078	BHU, BHLARIIA	3	117	51	44%*	25	22%*	84	72%	79	94%	84	72%	79	94%	82	71
154079	BHU, BHORRO	2	102	0	0%*	14	14%*	80	79%	88	110%	80	79%	88	110%	78	77
154080	BHU, BOLA CHAK 178	3	99	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154081	BHU, BURRALA	3	159	28	18%*	80	50%	72	45%*	61	85%	72	45%*	61	85%	46	29
154082	BHU, CHAPPA	3	285	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154083	BHU, DALA NANGAL	2	124	59	48%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154084	BHU, DAMO ANA	2	104	28	27%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154085	BHU, DUHARI	2	116	0	0%*	36	31%*	64	55%*	109	170%	64	55%	0	0%*	45	39
154086	BHU, ESHER KAY	1	80	32	40%*	46	57%	46	57%	40	87%	46	57%	40	87%	35	43
154088	BHU, FERAZ WATU WAN	2	148	54	36%*	0	0%*	131	88%	76	58%	131	88%	76	58%	84	56
154089	BHU, GHANG VILLAGE	3	246	0	0%*	15	6%*	18	7%*	13	72%	19	8%*	13	68%	0	0
154090	BHU, GHANIA	3	135	0	0%*	32	24%*	113	83%	86	76%	113	83%	78	69%	63	46
154091	BHU, GHUGEANA NOU	3	234	35	15%*	0	0%*	127	54%*	49	39%*	127	54%	49	39%*	127	54
154093	BHU, HERDO BANDOKE	2	122	8	7%*	0	0%*	103	84%	71	69%	103	84%	57	55%	47	38
154094	BHU, HOYKAY	2	54	0	0%*	25	46%*	24	44%*	38	158%	24	44%*	38	158%	30	55
154095	BHU, ISLAM NAGAR	2	126	44	35%*	140	111%	116	92%	73	63%	116	92%	73	63%	50	40
154096	BHU, JATRI KOWA	2	100	91	91%	52	52%	78	78%	45	58%	78	78%	45	58%	89	89
154097	BHU, KAKI RASOOL PUR JATAN	3	93	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154098	BHU, KALOKAY	3	159	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0
154099	BHU, KOT REHMAT KHAN	3	159	0	0%*	103	65%	126	80%	41	33%*	71	45%*	57	80%	76	48
154100	BHU, KOT SOHANDA	3	186	65	35%*	10	5%*	172	92%	138	80%	118	63%	95	81%	142	76

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IO No	Health Institution	No. of Rpts.	Target Pop. <1 Yr.	GROWTH MONIT.		VACCINATIONS AGES 0 - 11 MONTHS											
				Newly Regist. <1 year		BCG		DPT1		DPT3		OPV1		OPV3		Measles	
				N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.
154101	BHU, LAGAR	3	102	0	0%	12	12%	120	117%	83	69%	77	75%	56	73%	143	139%
154102	BHU, MAKKY 460	3	204	27	13%	0	0%	41	20%	22	54%	41	20%	22	54%	58	29%
154103	BHU, MALIAN WALA	1	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154105	BHU, MANDIALA CHAK NO 20	2	102	77	75%	27	26%	58	56%	58	100%	58	56%	58	100%	32	31%
154106	BHU, MANGET	3	282	107	38%	40	14%	149	53%	109	73%	149	53%	109	73%	109	39%
154107	BHU, MAR BALOODCHAN	2	100	12	12%	73	74%	113	114%	46	41%	113	114%	46	41%	78	79%
154108	BHU, MARRAR CHAK 41	3	156	54	34%	30	19%	135	86%	134	99%	135	86%	134	99%	120	77%
154110	BHU, MARRAR CHAK 45	2	80	0	0%	12	15%	50	63%	32	64%	50	63%	46	92%	11	14%
154111	BHU, MIRZA VIRKAN	3	216	30	14%	29	13%	52	24%	67	129%	52	24%	63	121%	44	20%
154112	BHU, MOHD PURA	3	120	0	0%	0	0%	56	47%	62	111%	62	52%	62	100%	50	42%
154113	BHU, NATHO WALA	2	82	0	0%	50	61%	74	91%	61	82%	79	97%	81	103%	71	87%
154114	BHU, NAWAN PIND	3	201	63	31%	63	31%	184	91%	228	124%	184	91%	228	124%	188	93%
154115	BHU, PAKHRI WALA	3	192	76	40%	102	53%	111	58%	90	81%	50	26%	42	84%	52	27%
154116	BHU, PANWAN	3	168	28	17%	100	59%	172	102%	144	84%	181	107%	151	83%	115	68%
154117	BHU, PINDRAYAN	2	104	0	0%	66	63%	71	68%	56	79%	71	68%	56	79%	41	39%
154118	BHU, QILA MEER ZAMAN	3	42	0	0%	40	96%	137	329%	89	65%	137	329%	89	65%	109	262%
154119	BHU, RAMNI KAY	3	180	49	27%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154120	BHU, RATI TIBI	1	67	25	37%	0	0%	83	124%	24	29%	67	100%	23	34%	61	91%
154121	BHU, SAHOKI MALLIAN	2	94	40	43%	33	35%	103	110%	51	50%	103	110%	51	50%	51	54%
154122	BHU, SALAR BHATTIAN	2	88	65	74%	45	51%	40	46%	19	48%	40	46%	14	35%	25	29%
154123	BHU, TIBBI HUMBO	2	94	67	71%	86	92%	83	89%	71	86%	83	89%	71	86%	74	79%
154124	BHU, VEERKAY BATH	3	129	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154153	GOVT. RURAL DISP., BARA GARH	2	124	0	0%	124	100%	137	110%	145	106%	137	110%	145	106%	119	96%
154169	RURAL DISP., SATHIALI KALAN	1	135	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154170	C. DISP., PACCA DALLA	2	32	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154171	CIVIL DISP., FAROOQABAD	1	275	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154202	MCH CTR., PANDORIAN	1	52	0	0%	0	0%	42	80%	40	95%	42	80%	40	95%	39	74%
154203	MCH CTR., BHIKHI	2	104	65	62%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154209	MCH CTR NO.1, SHEIKHUPURA	2	18	92	508%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154210	MCH CTR NO.2, SHEIKHUPURA	2	126	10	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154211	RHC, KALA SHAH KAKU	3	468	59	13%	28	6%	42	9%	6	14%	43	9%	6	14%	2	0%
154212	RHC, NARANG MANDI	3	240	157	66%	339	142%	389	163%	287	74%	389	163%	287	74%	251	105%
154214	RHC, SHARAF PUR SHARIF	3	1368	51	4%	190	14%	231	17%	133	58%	231	17%	133	58%	107	8%
154215	RHC, BICHEKI	3	252	0	0%	190	75%	274	109%	152	55%	272	108%	116	43%	244	97%
154216	RHC, MOREK HUMDA	3	309	65	21%	461	149%	652	211%	422	65%	652	211%	82	13%	425	138%
154217	RHC, REMAN WALA	3	327	28	9%	210	64%	343	104%	218	64%	343	104%	218	64%	191	58%
154218	RHC, SYED WALA	3	153	0	0%	411	271%	417	274%	256	61%	432	284%	258	60%	325	214%
154219	RHC, WARBURTON	2	270	55	20%	258	96%	688	255%	293	43%	393	145%	334	85%	329	122%
154220	RHC, FAROOQABAD	1	275	21	8%	40	15%	97	35%	77	79%	97	35%	77	79%	0	0%
154221	RHC, JUNDIALA SHER KHAN	3	207	0	0%	78	38%	125	61%	63	50%	125	61%	63	50%	51	25%
154222	RHC, KHAN KA DOGRAN	3	288	40	14%	179	62%	631	220%	386	61%	631	220%	386	61%	491	171%
154223	RHC, KHARIAN WALA	2	94	29	31%	75	80%	111	118%	100	90%	111	118%	100	90%	86	92%
154224	RHC, SAFDARABAD	3	825	151	18%	205	25%	766	93%	516	67%	743	90%	546	73%	461	56%
154225	RHC, SANGLA HILL	3	984	0	0%	340	35%	737	75%	676	92%	757	77%	676	89%	541	55%
154226	RHC, SHAH KOT	4	408	0	0%	25	6%	113	28%	67	59%	113	28%	67	59%	29	7%
154247	SHC, KALEY	3	48	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
154252	SHC, MADAR	1	14	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

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ID No	Health Institution	No. of Rpts.	Target Pop. <1 Yr	GROWTH MONIT.		VACCINATIONS AGES 0 - 11 MONTHS											
				Newly Regist. <1 Year		BCG		OPT1		OPT3		OPV1		OPV3		Measles	
				N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.	N	% of exp.
154259	MCH CENTRE, IMAMIA COLONY	1	78	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*
154260	BHU, WANDIALA DIAL SHAH	2	118	0	0%*	62	53%	52	44%*	42	81%	52	44%*	42	81%	54	46%*
154261	MCH CENTRE, IMAMIA COLONY	1	78	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*
154262	GOVT. RURAL DISPENSARY,	2	506	57	11%*	327	65%	220	43%*	237	108%	220	43%*	237	108%	186	37%*
154266	BHU MANGAL KASWAL,	2	76	22	29%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*

659

* Signifies extreme values < 50% of expected

MONTH: 01 YEAR: 93

DISTRICT: SHEIKHUPURA

NUMBER OF INST. REPORTING: 118

NUMBER OF REPORTS: 118

TARGET POPULATION: 29,530

CHILDHOOD IMMUNIZATIONS: Age Groups

Vaccination type	0-11 months	% covg	12-23 mchs	2 yrs & over	Total
1. BCG	2,950	10%	1,180	236	4,366
2. OPT-1	2,950	10%	944	--	3,894
3. OPT-2	2,360		590	--	2,950
4. OPT-3	1,770	6%	590	--	2,360
5. OPT Booster	--		--	354	354
6. OPV-Zero	2,950		--	--	2,950
7. OPV-1	1,770	6%	1,180	0	2,950
8. OPV-2	1,180		590	118	1,888
9. OPV-3	1,180	4%	708	236	2,124
10. OPV Booster	--		944	1,180	2,124
11. DT-1	0		1,416	354	1,770
12. DT-2	0		1,062	590	1,652
13. DT Booster			0	0	0
14. Measles	2,478	8%	1,534	590	4,602
15. Fully Immunized Children	3,540	12%	3,186	3,422	10,148

TETANUS TOXOID VACCINATIONS: DOSE

Target Group	TT-I	TT-II	TT-III	TT-IV	TT-V
16. Pregnant Women	2124	1652	1180	0	0
17. Child Bearing Women	472	236	0	0	0
TOTALS	2596	1888	1180	0	0

VACCINE STOCK POSITIONS:

Vaccine	Vaccines Received	Issued	
		For Care	Discarded
BCG	0	0	0
DPT	0	0	0
OPV	0	0	0
DT	0	0	0
MEASLES	0	0	0
TT	0	0	0

EPIDEMIC DISEASES & MATERNAL MORTALITY REPORT (DS6)

(Institutions reporting at least one case)

24

MONTH: 03

YEAR: 93

ID No.	Health Institution	No. of Rpts.	NUMBER OF CASES OF EPIDEMIC DISEASES				Maternal Deaths
			Suspected Cholera	S. Meningococcal Meningitis	Poliomyelitis	Measles	

District: SHEIKHUPURA

154008 BHU, CHAK NO. 44 FERDZWALA	1	0	0	0	0	1
154022 BHU, KOT PINDI DAS	1	1	1	0	0	0
154212 RHC, NARANG MANOI	1	0	0	1	0	0
154215 RHC, BICHEKI	1	0	1	0	0	0
154218 RHC, SYED WALA	1	0	0	1	0	0
District total:	5	1	2	2	0	1

QUARTER: 1

YEAR: 93

District: SHEIKHUPURA

Total Number of Reports: 357

HEALTH PROBLEMS (Priority Diseases): Disease or Health Problem	NUMBER OF CASES BY AGE GROUP				Percent of Total NC NC= 73249
	Under 1	1 to 4	5 and over	Total	
101. Diarrhoea	892	1098	1631	3621	4.9%
102. Dysentery	143	266	1236	1645	2.2%
103. Acute Respiratory Infections	1534	3154	17701	22389	30.6%
104. Fever (Clinical Malaria)	184	499	3822	4505	6.2%
105. Cough more than 2 weeks	19	57	688	764	1.0%
106. Suspected Cholera	0	0	18	18	0.0%
107. Suspected Meningococcal Meningitis	1	1	2	4	0.0%
108. Poliomyelitis	0	3	0	3	0.0%
109. Measles	0	1	5	6	0.0%
110. Neonatal Tetanus	0			0	0.0%
111. Diphtheria	0	0	2	2	0.0%
112. Whooping Cough	0	0	2	2	0.0%
113. Goiter	0	0	14	14	0.0%
114. Suspected Viral Hepatitis	2	3	33	38	0.1%
115. Suspected Aids	0	0	5	5	0.0%
116. Snake bite with signs of poisoning	0	0	1	1	0.0%
117. Dog bite	9	18	344	371	0.5%
118. Scabies	258	547	3048	3853	5.3%
TOTALS	3042	5647	28552	37241	50.8%

MONTH: 01 YEAR: 93

DISTRICT: SHEIKHUPURA

CONTRACEPTIVE SUPPLIES STOCK POSITION

Number of Reports: 118

Contraceptive	No. of Visits	Supplies Received	Issued		Balance (end of Month)
			For Care	Discarded	
Oral Contraceptives	0	0	1	0	15
Condoms	3	0	30	0	70
Injectable Contraceptives	1	0	3	0	7
IUDs	3	0	1	0	9

QUARTER: 1 YEAR: 93

27

(only for Health Institutions reporting blood slide examinations)

ID #	Health Institution	No of Rpts.	Internal Cases				Referred from other institutions			
			No. of Slides	Total Pos.	% Pos.	% Falc of Pos.	No. of Slides	Total Pos.	% Pos.	% Falc of Pos.
District: SHEIKHUPURA										
154022	BHU, KOT PINDI DAS	2	3	0	0.0%	0%	7	0	0.0%	0%
154032	BHU, NUNGLE BUTCHER	1	0	0	0%	0%	4	0	0.0%	0%
154041	BHU, BUDHA	1	0	0	0%	0%	1	0	0.0%	0%
154051	BHU, HAFAT MODAR	1	0	0	0%	0%	3	0	0.0%	0%
154055	BHU, KOT FAZAL	1	0	0	0%	0%	16	2	12.5%	0.0%
154056	BHU, KOT HUSSAIN	1	0	0	0%	0%	15	1	6.7%	0.0%
154085	BHU, DUHARI	1	0	0	0%	0%	5	0	0.0%	0%
154095	BHU, ISLAM NAGAR	1	0	0	0%	0%	8	0	0.0%	0%
154100	BHU, KOT SOHANDA	2	0	0	0%	0%	45	14	31.1%	0.0%
154108	BHU, MARRAR CHAK 41	3	0	0	0%	0%	45	26	57.8%	11.5%
154202	MCH CTR, PANDORIAN	1	0	6	0%	100%	0	0	0%	0%
154212	RHC, NARANG MANDI	3	42	5	11.9%	20.0%	255	3	1.2%	0.0%
154214	RHC, SHARAQ PUR SHARIF	3	17	0	0.0%	0%	649	0	0.0%	0%
154217	RHC, REMAN WALA	3	30	6	20.0%	50.0%	995	13	1.3%	38.5%
154218	RHC, SYED WALA	3	87	6	6.9%	33.3%	336	2	0.6%	0.0%
154219	RHC, WARBURTON	2	94	0	0.0%	0%	258	0	0.0%	0%
154220	RHC, FAROOQABAD	1	19	0	0.0%	0%	0	0	0%	0%
154221	RHC, JUNDIALA SHER KHAN	2	7	0	0.0%	0%	556	0	0.0%	0%
154224	RHC, SAFDARABAD	3	133	27	20.3%	48.1%	688	8	1.2%	50.0%
154225	RHC, SANGLA HILL	3	2	0	0.0%	0%	709	24	3.4%	45.8%
154226	RHC, SHAH KOT	3	416	12	2.9%	25.0%	640	42	6.6%	50.0%
District summary:			850	62	7.3%	45.2%	5235	135	2.6%	32.6%

* Signifies extreme values

QUARTER: 1 YEAR: 93

28

(only for Health Institutions reporting TB smears)

ID #	Health Institution	No of Rpts.	New Cases Cough>2w	Internal New Cases				External New Cases		
				Smears Done	% of HC Cough	Total Pos.	% Pos.	Smears Done	Total Pos.	% Pos.
District: SHEIKHUPURA										
154041	BHU, BUDHA	1	0	0	0.0%*	0	0.0%	1	1	100.0%
154047	BHU, CHANDAR NAGAR CHAK NO.2	1	0	0	0.0%*	0	0.0%	1	1	100.0%
154077	BHU, BHATAL	1	1	0	0.0%*	0	0.0%	1	1	100.0%
154212	RHC, NARANG MANDI	3	60	37	61.6%*	5	13.5%	0	0	0.0%
154217	RHC, REMAN WALA	2	32	32	100.0%	0	0.0%	0	0	0.0%
154219	RHC, WARBURTON	2	4	9	225.0%	9	100.0%	0	0	0.0%
154222	RHC, KHAN KA DOGRAN	3	38	18	47.3%*	1	5.5%	10	0	0.0%
154224	RHC, SAFDARABAD	1	10	0	0.0%*	0	0.0%	10	0	0.0%
District summary:			145	96	66.2%*	15	15.6%	23	2	8.7%

** Signifies extreme values

<80%

QUARTER: 1 YEAR: 93

29

(only for Health Institutions reporting TB cases)

ID #	Health Institution	No. of Rpts.	No. of New Cases	No. Cases Discharged	No. lost as Defaulters	% Defaulters
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District: SHEIKHUPURA

154022	BHU, KOT PINDI DAS	1	1	0	0	0.0%
154041	BHU, BUDHA	1	0	0	0	0.0%
154047	BHU, CHANDAR NAGAR CHAK NO.2	2	0	0	0	0.0%
154077	BHU, BHATAL	3	3	0	0	0.0%
154078	BHU, BHLARIIA	3	1	0	0	0.0%
154090	BHU, GHANIA	1	0	0	0	0.0%
154097	BHU, KAKI RASOOL PUR JATAN	2	2	0	0	0.0%
154108	BHU, MARRAR CHAK 41	1	1	0	0	0.0%
154212	RHC, NARANG MANDI	3	7	0	0	0.0%
154214	RHC, SHARAQ PUR SHARIF	3	3	1	1	100.0%*
154217	RHC, REMAN WALA	3	18	11	8	72.7%*
154218	RHC, SYED WALA	3	19	7	0	0.0%
154219	RHC, WARBURTON	2	9	0	0	0.0%
154220	RHC, FAROOQABAD	1	0	1	0	0.0%
154221	RHC, JUNDIALA SHER KHAN	1	0	0	0	0.0%
154222	RHC, KHAN KA DOGRAN	3	48	3	0	0.0%
154224	RHC, SAFDARABAD	3	22	10	10	100.0%*
154226	RHC, SHAH KOT	2	42	0	0	0.0%

District summary:

176	33	19	57.5%*
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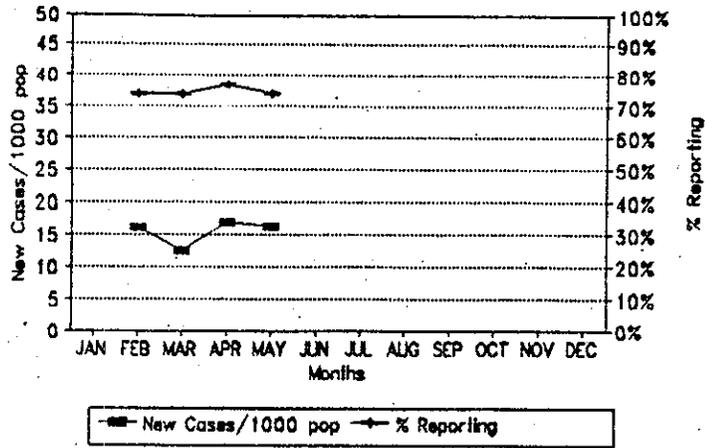
** Signifies extreme values

>50%

TRENDS IN HEALTH INSTITUTION UTILISATION
 DISTRICT: BAJAUR AGENCY

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
New Cases/1000 pop		16.03	12.36	16.85	16.15							
% Reporting		74%	74%	77%	74%							

TRENDS IN HEALTH INSTITUTION UTILISATION
 BAJAUR AGENCY



QUARTER: 1

YEAR: 93

District	No. of Rpts.	AVERAGE DAYS OUT OF STOCK PER MONTH								
		ORS	Chloroq	Cotrimox	Cotrimox Syrup	Iron Tabs	Folic Acid	Strep-tomyc.	INH	Ziehl-n Stain

Division: LAHORE

OKARA	292	24	20	27	2	5	24	20	25	26
SHEIKHUPURA	359	22	19	26	2	6	23	17	23	25
Division Average S/O per month:	651	23	19	27	2	5	24	19	24	26

Quarter: 1

Year: 93

Province: PUNJAB

Division: LAHORE

District	Reports Received	Population	New Cases	New cases 1000 pop.	Total Visits	Total Visits/ New Cases
OKARA	305	2,144,254	44,496	20.75	84,038	1.89
SHEIKHUPURA	372	3,043,237	75,038	24.66	128,184	1.71
Total	677	5,187,491	119,534	23.04	212,222	1.78

QUARTER: 1

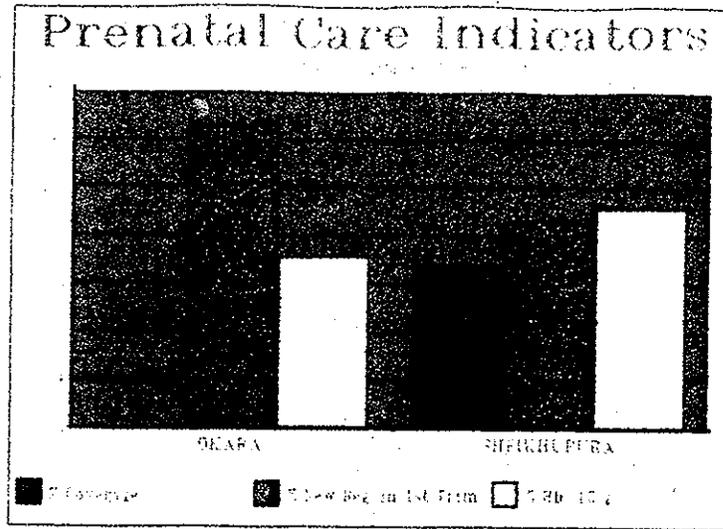
YEAR: 93

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District	Expected Pregnancies	No. Newly Registered	% of Expected	No. New Reg. in 1st trim.	% of New Reg.	No. with Hb <10 g.	% of New Reg.
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DIVISION: LAHORE

OKARA	23825	1981	8.3 %	498	25.1%	283	14.2%
SHEIKHUPURA	33814	4625	13.6 %	797	17.2%	850	18.3%
Division totals:	57639	6606	11.4 %	1295	19.6%	1133	17.0%



Data File description for Subset of Monthly Reporting Data

Data set: EP1939.dbf

Field Name Type Length Dec Description

Validation

Field Name	Type	Length	Dec	Description	Validation
INST_ID	C	6	0	Institution Id number for report. Link to institution file.	Look-up to institut.dbf in HID.
RPT_MONTH	C	2	0	2 digit month covered by report	>0 and <13
RPT_YEAR	C	2	0	2 digit year covered by report	
BIRTH_REG	N	4	0	Births registered during the month	
WEIGH_NEW	N	3	0	No. of newborns weighed	
HOME_VISIT	N	3	0	Home visits conducted by Institution staff	
TOT_NC	N	5	0	Total new OPD cases	
D108_1	N	4	0	Polio cases under 1 year	
D108_4	N	4	0	Polio cases 1 to 4 years	
D108_GT5	N	4	0	Polio cases greater than 5 years	
D109_1	N	4	0	Measles cases under 1 year	
D109_4	N	4	0	Measles cases 1 to 4 years	
D109_GT5	N	4	0	Measles cases greater than 5 years	
D110_1	N	4	0	Neonatal tetanus cases	
D111_1	N	4	0	Diphtheria cases under 1 year	
D111_4	N	4	0	Diphtheria cases 1 to 4 years	
D111_GT5	N	4	0	Diphtheria cases greater than 5 years	
D112_1	N	4	0	Whooping Cough cases under 1 year	
D112_4	N	4	0	Whooping Cough cases 1 to 4 years	
D112_GT5	N	4	0	Whooping Cough cases greater than 5 years	
CA_POP	N	8	0	Population in health facility catchment area. Changed annually.	
POLIO_NV	N	2	0	Polio cases not vaccinated	
POLIO_PV	N	2	0	Polio cases partially vaccinated	
POLIO_FULV	N	2	0	Polio cases fully vaccinated	
POLIO_UN	N	2	0	Polio cases vaccination status unknown	
MEAS_NV	N	2	0	Measles cases not vaccinated	
MEAS_PV	N	2	0	Measles cases partially vaccinated	
MEAS_FULV	N	2	0	Measles cases fully vaccinated	
MEAS_UN	N	2	0	Measles cases vaccination status unknown	
TETAN_NV	N	2	0	Neonatal tetanus cases not vaccinated	
TETAN_PV	N	2	0	Neonatal tetanus cases partially vaccinated	
TETAN_FULV	N	2	0	Neonatal tetanus cases fully vaccinated	
TETAN_UN	N	2	0	Neonatal tetanus cases vaccination status unknown	
DIPHT_NV	N	2	0	Diphtheria cases not vaccinated	
DIPHT_PV	N	2	0	Diphtheria cases partially vaccinated	
DIPHT_FULV	N	2	0	Diphtheria cases fully vaccinated	
DIPHT_UN	N	2	0	Diphtheria cases vaccination status unknown	
WHOOOP_NV	N	2	0	Whooping cough cases not vaccinated	
WHOOOP_PV	N	2	0	Whooping cough cases partially vaccinated	
WHOOOP_FULV	N	2	0	Whooping cough cases fully vaccinated	
WHOOOP_UN	N	2	0	Whooping cough cases vaccination status unknown	
IMMUNIZ	C	1	0	Are immunization services provided?	Y/N/E
VAC_CA_POP	N	8	0	Vaccination catchment population (if different)	
FIXED_CNT	N	2	0	Number of fixed vaccination centres	
OUTRCH_CNT	N	2	0	Number of vaccination outreach teams	
MOBILE_UNT	N	2	0	Number of mobile vaccination units	
RPT_ID	C	10	0	Key field for Monthly Report Records (Inst_Id+Rpt_year+Rpt_month)	
TT_PRG_I	N	3	0	Tetanus Toxoid I doses administered to pregnant women	
TT_PRG_II	N	3	0	Tetanus Toxoid II doses administered to pregnant women	
TT_PRG_III	N	3	0	Tetanus Toxoid III doses administered to pregnant women	
TT_PRG_IV	N	3	0	Tetanus Toxoid IV doses administered to pregnant women	
TT_PRG_V	N	3	0	Tetanus Toxoid V doses administered to pregnant women	
TT_CBA_I	N	3	0	Tetanus Toxoid I doses administered to CBA women	

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Data File description for Subset of Monthly Reporting Data

Data set: EPI939.dbf

Field Name	Type	Length	Dec	Description	Validation
TT_CBA_II	N	3	0	Tetanos Toxoid II doses administered to CBA women	
TT_CBA_III	N	3	0	Tetanos Toxoid III doses administered to CBA women	
TT_CBA_IV	N	3	0	Tetanos Toxoid IV doses administered to CBA women	
TT_CBA_V	N	3	0	Tetanos Toxoid V doses administered to CBA women	
BCG_1	N	4	0	BCG doses administered to children under 1 year	
BCG_2	N	4	0	BCG doses administered to children 1 to 2 years	
BCG_GT2	N	4	0	BCG doses administered to children over 2 years	
DTP1_1	N	4	0	DTP 1 doses administered to children under 1 year	
DTP1_2	N	4	0	DTP 1 doses administered to children 1 to 2 years	
DTP2_1	N	4	0	DTP 2 doses administered to children under 1 year	
DTP2_2	N	4	0	DTP 2 doses administered to children 1 to 2 years	
DTP3_1	N	4	0	DTP 3 doses administered to children under 1 year	
DTP3_2	N	4	0	DTP 3 doses administered to children 1 to 2 years	
DTPB_2	N	4	0	DTP booster doses administered to children over 2 years	
OPV_0	N	4	0	OPV Zero doses administered to children after birth	
OPV1_1	N	4	0	OPV 1 doses administered to children under 1 year	
OPV1_2	N	4	0	OPV 1 doses administered to children 1 to 2 years	
OPV1_GT2	N	4	0	OPV 1 doses administered to children over 2 years	
OPV2_1	N	4	0	OPV 2 doses administered to children under 1 year	
OPV2_2	N	4	0	OPV 2 doses administered to children 1 to 2 years	
OPV2_GT2	N	4	0	OPV 2 doses administered to children over 2 years	
OPV3_1	N	4	0	OPV 3 doses administered to children under 1 year	
OPV3_2	N	4	0	OPV 3 doses administered to children 1 to 2 years	
OPV3_GT2	N	4	0	OPV 3 doses administered to children over 2 years	
OPVB_2	N	4	0	OPV booster doses administered to children 1 to 2 years	
OPVB_GT2	N	4	0	OPV booster doses administered to children over 2 years	
DT1_1	N	4	0	DT 1 doses administered to children under 1 year	
DT1_2	N	4	0	DT 1 doses administered to children 1 to 2 years old	
DT1_GT2	N	4	0	DT 1 doses administered to children over 2 years	
DT2_1	N	4	0	DT 2 doses administered to children under 1 year	
DT2_2	N	4	0	DT 2 doses administered to children 1 to 2 years	
DT2_GT2	N	4	0	DT 2 doses administered to children over 2 years	
DTB_2	N	4	0	DT booster doses administered to children 1 to 2 years	
DTB_GT2	N	4	0	DT booster doses administered to children over 2 years	
MEAS_1	N	4	0	Measles doses administered to children under 1 year	
MEAS_2	N	4	0	Measles doses administered to children 1 to 2 years	
MEAS_GT2	N	4	0	Measles doses administered to children over 2 years	
FULL_IM1	N	4	0	Fully Immunized Children under 1 year	
FULL_IM2	N	4	0	Fully Immunized Children 1 to 2 years	
FULL_IMGT2	N	4	0	Fully Immunized Children over 2 years	
INST_TYPE	C	4	0	Institution type	
INST_NAME	C	30	0	Name of health institution	
VILLAGE	C	30	0	Village name	
DIR_NAME	C	30	0	Name of Medical Officer in Charge	
REFRIG	N	1	0	Does an EPI refrigerator exist	
COLD_BOXES	N	1	0	Do cold boxes exist	
STERILIZER	N	1	0	Does a sterilizer exist	
EPI_THERM	N	1	0	Does an EPI thermometer exist	
PROV_NAME	C	11	0	Province name	
DIST_NAME	C	25	0	District name	

BHU, HOSP, RHC, LAB, ADMN, LC,
TBC, THOS, ETC...

Data File description for Subset of Monthly Reporting Data

Data set: MAL939.dbf

Field Name	Type	Length	Dec	Description	Validation
INST_ID	C	6	0	Institution Id number for report. Link to institution file.	Look-up to institut.dbf in HID.
INST_NAME	C	30	0	Name of health institution	
VILLAGE	C	30	0	Village name	
CATCH_POP	N	8	0	Catchment population	
PROV_NAME	C	11	0	Province name	
INST_TYPE	C	4	0	Institution type	BHU,HOSP,RHC,LAB,ADMN,LC,TBC,THOS,ETC...
DIST_NAME	C	25	0	District name	
RPT_YEAR	C	2	0	2 digit year covered by report	
RPT_MONTH	C	2	0	2 digit month covered by report	>0 and <13
RPT_ID	C	10	0	Key field for Monthly Report Records (Inst_Id+Rpt_year+Rpt_month)	
D104_1	N	4	0	Fever (clinical malaria) cases under 1 year	
D104_4	N	4	0	Fever (clinical malaria) cases 1 to 4 years	
D104_GT5	N	4	0	Fever (clinical malaria) cases greater than 5 years	
LABORATORY	C	1	0	Laboratory exists in facility?	Y/N/E
FEV_NBS	N	3	0	Fever cases with no blood slide taken	
FEV_BS_INF	N	3	0	Fever cases with blood slide examined in facility	
FEV_BS_SO	N	3	0	Fever cases with blood slide sent out	
BS_INT_TOT	N	4	0	Total blood slides examined in facility	
BS_EXT_TOT	N	4	0	Total blood slides examined in external lab	
BS_INT_MAL	N	2	0	Malaria positive blood slides examined internally	
BS_EXT_MAL	N	2	0	Malaria positive blood slides examined externally	
BS_INT_FAL	N	2	0	Falciparum positive blood slides examined internally	
BS_EXT_FAL	N	2	0	Falciparum positive blood slides examined externally	
TOT_NC	N	5	0	Total new OPD cases	
COTS_OUT	N	2	0	Cotrimoxazole syrup days out of stock	
PRM_OUT	N	2	0	Primaquine days out of stock	

Data File description for Subset of Monthly Reporting Data

Data set: TB939.dbf

Field Name	Type	Length	Dec	Description	Validation
INST_ID	C	6	0	Institution id number for report. Link to institution file.	Look-up to institut.dbf in HID.
INST_NAME	C	30	0	Name of health institution	
VILLAGE	C	30	0	Village name	
CATCH_POP	N	8	0	Catchment population	
PROV_NAME	C	11	0	Province name	
INST_TYPE	C	4	0	Institution type	BHU,HOSP,RHC,LAB,ADMN,LC, TBC,THOS,ETC...
DIST_NAME	C	25	0	District name	
RPT_YEAR	C	2	0	2 digit year covered by report	
RPT_MONTH	C	2	0	2 digit month covered by report	>0 and <13
RPT_ID	C	10	0	Key field for Monthly Report Records (Inst_Id+Rpt_year+Rpt_month)	
TB_CARE	C	1	0	TB care provided at facility?	Y/N/E
D105_1	N	4	0	Cough more than 2 weeks cases under 1 year	
D105_4	N	4	0	Cough more than 2 weeks cases 1 to 4 years	
D105_GT5	N	4	0	Cough more than 2 weeks cases greater than 5 years	
SPUT_INT	N	2	0	Sputum smears examined in facility	
SPUT_REF	N	2	0	Sputum smears referred for examination	
SPUT_INT_T	N	2	0	Total sputum smear series done internally	
SPUT_EXT_T	N	2	0	Total sputum smear series done externally	
SPUT_INT_P	N	2	0	ABF positive sputum smear series done internally	
SPUT_EXT_P	N	2	0	ABF positive sputum smear series done externally	
TB_RX_LAST	N	2	0	TB cases under Rx at end of previous month	
TB_STARTED	N	2	0	Total TB cases started treatment	
TB_NEW	N	2	0	Number of new TB cases	
TB_DISCHGD	N	2	0	Total TB cases discharged	
TB_DEFAULT	N	2	0	Number of TB cases lost a defaulters	
TB_RX_THIS	N	2	0	TB patients under Rx at end of this month	
S_STRP_OUT	N	2	0	Streptomycin days out of stock	
S_INH_OUT	N	2	0	Isoniazid (INH) days out of stock	
S_INHT_OUT	N	2	0	INH+Tb1 days out of stock	
S_ZN_OUT	N	2	0	Ziehl-Nielsen days out of stock	
TOT_NC	N	5	0	Total new OPD cases	

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HMIS/FLCF REPORTING MODULE

USER'S GUIDE

Draft September 8, 1993

PAKISTAN CHILD SURVIVAL PROJECT
Basic Health Services Cell, Ministry of Health
Government of Pakistan

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Chapter 1

INTRODUCTION

This module is the data entry, batch transmission and feedback reporting system for the Monthly and Yearly Reports received from First Level Care Facilities. It ties directly to the Health Institutions Database which store data on all health institutions in Pakistan.

Through Monthly and Yearly Reports FLCFs report data related to their activities on health status; health services; and health resources.

1. 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, where the data is being collected from various FLCFs. Given Pakistan's decentralized health care system, this reflects the pattern through which health institutions data naturally flows.

Data entered in computers at district or divisional levels will be transmitted to the provincial and then to the federal level in its basic format. This data will be used for national health services planning and management. At the federal level, monthly

updates of selected data sets will be prepared for national programs for their own analysis. Key programs which have their own computing resources are EPI, Family Planning, ARI, Malaria Control, etc.

2. Hardware/Software requirements:

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

- Pull-down 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.
 - Integrated query and report formats.
 - 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.
 - Support for expanded memory and advanced processors.
 - The application is a fully compiled and linked executable file which does not require any other database management software. This increases the application's speed and protects the program code from tampering.
- a. **Software requirements:** The complete HMIS Monthly Report module is supplied on 1 diskette containing compressed versions of the system and data files. Software is self-installable, that is, it copies itself in the relevant directory of the computers hard disk, and updates data files in case of re-installation. Config.sys file of DOS must have `files=60` statement, and in the autoexec.bat file "path" must be set to `c:\hid`.
- b. **Hardware required:**
- i) An IBM PC compatible, at least 386 machine with a hard disk of minimum of 40 megabytes free space. A VGA monochrome or color monitor.
 - ii) To run the application at least 512K of free memory is required once DOS and memory resident programs are loaded.
 - iii) A dot matrix printer or laser printer to print the various reports which are built into the system.

Chapter 2

INSTALLATION

1. Purpose:

Installation process of HMIS/FLCF Reporting Module helps users to automatically load the program from floppy diskettes to the hard disk. Installation should be done for any of these reasons:

1. to insall the software for first time
2. to re-install the program to repair any system or data file damage
3. to update existing version with the newer

Installation has the same procedure for whatever the reasons it is done.

2. Preparing for installation:

Make sure you have the diskette labelled "Disk#1, HMIS Reporting Module, Version 2", and your computer has at least 10 megabytes of free disk space and 512 Kbyte of free RAM available.

3. Proceed with installation:

To install the software follow these steps:

1. Exit to DOS prompt if you are in any menu utility, for example If you are in main-menu exit to DOS prompt by pressing F10 key and give the password if it asks.
2. Insert disk #1 in drive A: and change to the appropriate drive, i.e., A: or B:. For example, to change to drive A: give following command.

A: ←
3. Give this command to begin with the installation:

INSTALL ←
4. Installation utility will be activated and will prompt you to confirm if you want to continue or cancel the installation process. To continue with the installation press any key.
5. Wait until the software is completely installed on the hard disk and installation utility prompt you to re-boot the computer.
6. If you encounter and problems during installation, refer to Chapter 6: Troubleshooting, Section 9: Installation Errors.
7. After installation is successfully completed remove diskette from the drive and re-boot the computer with Ctrl-Alt-Del keys or by switching it off and then on.

Caution:

Program disk contains compressed version of system and data files. This should not be copied directly. ALWAYS INSTALL IT.

Chapter 3

DATA ENTRY

The Monthly Report module can be activated from DOS command-line by issuing these commands.

```
CD \HID\MONTHLY  ←  
MONTHLY          ←
```

If you are operating through a menu utility, like *Direct Access* select HMIS Monthly Report Module from the menu and press <Enter>.

This application allows you to enter and edit data from the Monthly and Yearly Reports received from First Level Care Facilities. Information from each report is displayed in a series of screens or windows. A control panel at the bottom of the screen allows you to move through the database or brings forward a dialogue to locate records that meet specific criteria.

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1. Main Menu Structure:

A similar menu system is displayed with most modules of the HMIS applications. 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 can move through the menu bar and with left or right cursor keys they can move through the options within any menu with up and down keys. Pressing <Enter> will then reveal the sub-menu choices. If for some reasons the pull-down menu has disappeared, it can be recalled by pressing the <Alt-S> keys.

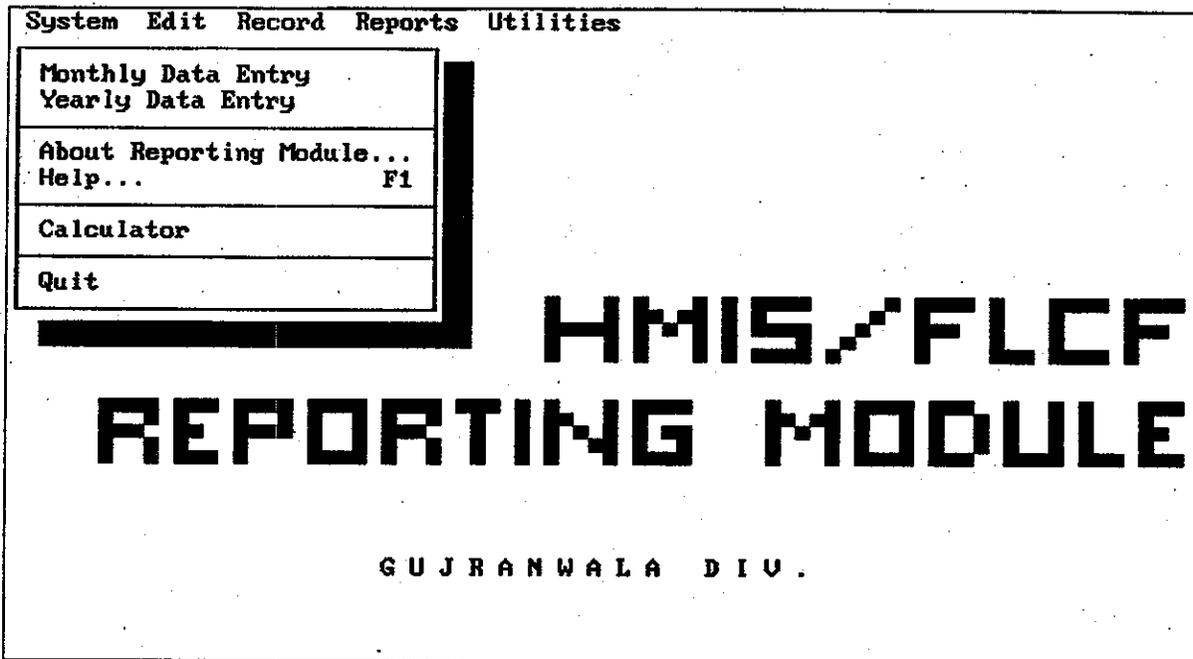


Figure 1: System Menu of HMIS/FLCF Reporting Module.

The menu system contains the following pads and options:

System:

This menu contains options allowing you data entry, and access to help and calculator.

- Monthly Data Entry Allows data entry for Monthly Reports.
- Yearly Data Entry Allows data entry for Yearly Reports.
- About Reports Module Displays an information screen describing the

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Reporting Module and selected computer system information.

- Help
- Calculator
- Quit

Brings forward the help index
Brings forward the calculator
This option quits from the system.

Edit

- Cut

This cuts any selected text from within a field and saves it to a clipboard so that you can paste it elsewhere. Shortcut key Control X.

- Copy

This copies any selected text to a clipboard so that you can later paste a copy of it elsewhere. Shortcut key Control C.

- Paste

This pastes any previously cut or copied text into the position of your current cursor. Shortcut key Control V.

Record

- Delete

This menu allows you to delete the record which is currently displayed on the editing screen. To delete a record press Ctrl-U. You will see a 'Del' mark on top right of data entry screen. To remove the records permanently that are marked for deletion, choose 'Pack' from Utilities menu.

- Recall

This permits you to recall records which accidentally marked for deletion. To recall a record press Ctrl-R when the record is displayed.

Reports

This menu contains options allowing you to run various type of reports. These reports can either be displayed on screen or can be printed on paper. After selecting a report a report dialogue will appear through which you can select criteria for report generation.

The Report menu is divided into several sub menus, as follows:

- | | |
|--------------------|--|
| FLCF Reports | One report is available at this time to summarize information about individual health facilities: the Annual Management Report. |
| District Reports | <p>The first part of this sub-menu allows you to select and run district reports individually.</p> <p>The second section permits you to run a complete set of district level reports automatically on a monthly or quarterly basis.</p> |
| Divisional Reports | This lists each of the divisional reports that you can run. These are mostly similar to the district reports, except the data are aggregated and listed by district. At this stage they are intended to be run individually. |
| Provincial Reports | This sub-menu lists each of the provincial reports that you can run. These are similar to the Divisional Reports, except the data are aggregated and listed by Division. At this stage they are intended to be run individually. |
| Graphics | This sub-menu lists special graphs that you can run if your system is installed with FoxGraph or if you have Harvard Graphics. In each case, the data is automatically selected from the databases and prepared for use in one of the graphics packages. The FoxGraph graphics can be run interactively and printed without leaving the HMIS/FLCF Reporting Module. The other graphs need to be printed out using Harvard Graphics once you have Quit from the Reporting Module. |

Utilities

This menu contains the following system and file management utilities. These utilities are described in detail in Chapter 5: Data Maintenance.

Printer Setup	This brings up a dialog to select and set up your default printer device
Batch Transmissions	This includes procedures for creating diskettes to transmit data to higher levels as well as updating your database with diskettes sent from lower levels.
Create Data Sets	This brings up a sub-menu of selected data sets that you can prepare for distribution of data to special program offices. These include data for EPI, Malaria Control and TB control.
Back up data	This creates a compressed file with all of the critical data files that you should store on diskettes in case your data becomes corrupted.
Restore data	This restores data from a previously prepared backup diskette in case you need to reinstall your system due to a hardware problem or system crash.
Reindex	This recreates the databases index files (.CDX) in case there was a system crash while a new record was being saved.
Pack	This permanently removes records which you have marked for deletion and reindexes all of the database files.
Screen colors	This allows you to select between monochrome and color display depending upon which type of computer screen you are using.

2. Entering a new Monthly Report Record:

Before entering a new Monthly Report, perform "Pre-Entry Manual Procedures", as listed in Figure 2. Through these procedures, reports will be checked for completeness and correctness.

Pre-Entry Manual Processing Checklist

Because the Monthly Reports data entry system automatically calculates all totals and percentages included in this report, there is no need to check all of the calculated fields before entering the data. Error checking should instead focus on identifying incomplete or inconsistent data in the following sections of Monthly Report forms:

1. Check Month and Year if they are filled in correctly.
2. Check report for completion. If sections are left blank or writing is not legible, mark errors on the form and return to DHO.
3. **Section 1:**
Check Institution ID No. If this is missing:
 - Look up name of institution in Health Institutions Database and write into boxes.
 - If it is a new institution, add a record to the HID before entering the monthly reports module. Note the new institution number on the report form.
4. **Section 7:**

<i>Part A: New cases:</i>	check that the addition is correct in the total column row 3.
<i>Part C: Diarrhoea:</i>	check that total equals the sum of "under 1" and "1 to 4" diarrhoea cases in B Diarrhoea.
<i>Part D: Dysentery:</i>	check that total equals the sum of "under 1" and "1 to 4" dysentery cases in B Dysentery.
<i>Part E: ARI:</i>	check that total equals the sum of "under 1" and "1 to 4" ARI cases in B ARI.
<i>Part F: Malaria:</i>	check that total equals the sum of all age groups of Fever (clinical malaria cases) in B.
<i>Part G: Tuberculosis:</i>	check that total equals the sum all age groups of Cough for more than 2 weeks in B.
<i>Part H: Immunizable Childhood Diseases:</i>	check that the total cases column agrees with the corresponding total cases in section B.
5. **Section 8:**

<i>Part E: Family Planning:</i>	sum of male and female cases should equal sum
---------------------------------	---

Figure 2: Pre-Entry Manual Processing Checklist

Select Monthly Reports from the System Menu. When the software is first loaded, the first report on the system is displayed and the Control Panel at the bottom of the screen should be activated.

System Edit Record Reports Utilities	
Monthly Report - 1	
Inst. Id: 174024	Month: 01 Year: 93 Error Report Id: 1740249301
1. INSTITUTION IDENTIFICATION Inst. Name: BHU, CHAK BELI KHAN I/C Name: DR ZAFAR IQBAL	2. POPULATION DATA Catchment area Pop. <input type="text" value="99"/> Expected births: <input type="text" value="0"/> No. Births registered: 15 ***% No. Newborns weighed: 0 0% No. with low birth wt.: 0 0%
3. MEETINGS / HEALTH EDUCATION SESSIONS / HOME VISIT	
A: Staff mtngs held <input type="text" value="5"/> B: Meetings with TBAs <input type="text" value="1"/> with CHWs <input type="text" value="0"/> with HC or CL <input type="text" value="0"/>	C: H.Ed.Sessions in inst. <input type="text" value="4"/> in schools <input type="text" value="0"/> in community <input type="text" value="0"/> D: Home visits by fac.personnel <input type="text" value="0"/>
<Fnd.Rpt> < Next > < Prev > <Err.Chk> < Add > < Quit > F3 ↑	

Figure 3: Monthly Reports Data Entry Screen

You can add new Monthly Reports by selecting the Add option from the control panel. Three bits of data are required for the institutions for which the report is being entered. If the ID is not known or incorrect, the Institution ID finder will appear on your screen and you can select from the list of codes. If you still cannot find the correct code, and suspect that it is a new Institution, you must quit the Monthly Reports module and first enter the new institution details through the HID.

Report Month: Enter the month number between 1 and 12

Report Year: Enter the last two digits of the report year, e.g. "92".

Now enter data beginning on the first page and continuing through the last. When you have finished entering all the data the cursor will appear on the control panel again and you can add another record or quit. If a report has serious inconsistencies that cannot be corrected by the operator, activate the Pull Down menu on the top of the screen with the <Alt> or <F10> key and press R to pop up the Record menu. Select the option Flag as error and press <Enter>. This will mark the file as having an error, so that it will be easier to locate later for corrections and so that it can be exclude from certain analyses

later on. Mark the errors you have identified on the report form with a colored pen and send it back to the issuing institution. Note down any returned forms in the report transmission log.

After each report entered, you should write on the report form your name and the date that the data was entered. When you have finished entering a batch of report forms, file them with the other reports for which data entry is complete.

Control Panel

< Fnd.Rpt. >	< Next >	< Prev >	< Err.Chk. >	< Add >	< Quit >	F3=↑↓
--------------	----------	----------	--------------	---------	----------	-------

A control panel appears at the bottom of the data entry screen. This can be accessed through <F3> key. Control panel facilitates data entry and maintenance. This helps users move from record to record, add new Monthly Reports and quit from data entry.

- < Fnd.Rpt. > This function if selected lists the entire database in a small window opened within the data entry screen. Records can be viewed by moving the cursor or pressing the PgUp, PgDn, Home or End keys. Pressing <Enter> will bring highlighted record in front.
- < Prev > this option skips backward through the records one by one.
- < Next > this option skips forward through the records one by one.
- < Err.Chk.> this runs the error checking procedure on the current record. If any logical errors are found in the data on the record, the relevant sections will be marked with an error code and an error report can be viewed or printed. This should be run for each record that you enter. If there are such errors in a report, print out the report and send it with the Monthly Report form to be corrected at the Health facility. If there are any other inconsistencies in the data which are not automatically picked up by the computer, write them on the error report as well.
- < Add > new reports are added by selecting this option
- < Quit > this option exists from the data entry and returns to the main menu.

To perform these actions, activate the control panel by pressing <F3> and moving through cursor keys, then at desired option press <Enter>.

Mouse users can simply click on the desired push button to activate it.

System File Edit Record Reports Utilities
 Monthly Report - 3 Report Id: 1788879212

7. CURATIVE CARE (y/n)? Y

A. New Cases (all diseases by Age Group)

	< 1	1-4	5-14	15-44	44+	Total
1. Male	19	58	117	268	146	608
2. Female	14	12	42	68	37	173
3. Total New Cases	33	70	159	336	183	8
4. Old Cases						200
5. Total Visits.						981
6. Cases						35
7. Feedba						5
8. % Refe						4.4 %
9. % Feed						14.2 %

Total new cases should be: 781. Please check your screen for entry errors. If all other fields match, enter the figure above.

Press any key to continue....

< Find > < Next > < Prev > < Add > < Quit > F3=C

Figure 4: Data validation window pops up if totals are not correct

3. Editing a Record:

Activate the Control Panel by pressing <F3> if it is not already activated. Find the record you want by moving through the database using the <Next>, <Previous>, <Top> or <Bottom> options in the control panel, or by selecting <Find>. This will present you with a scrolling list from which you can quickly find the report you want to edit. Press the first number of the institution id to move quickly to the first report in that province. Use the up, down, pgdn, home and end keys to move quickly around this list. Press enter when you have found the report you want to edit. This will display the record for that report.

Move to the fields you want to modify by using the pgup and pgdn keys to find the screen that contains the data that needs modification. Then use the up and down arrow keys to move to the field that needs changing.

Make any other changes you need to and then quit or move to another for editing. Write on the report form your name and the date you edited the database record. When you have finished editing the report, write file it with the other completed reports.

4. Deleting a Record:

To delete a record there is a two step procedure. First, mark a record for deletion through <Ctrl><U> keys while a record is in front either on data entry screen or in <find> window. This activates a [Del] mark on top right of the data entry screen. It means the record is marked for deletion. This mark can be removed by pressing <Ctrl><R> keys which "recall" the record. To remove the record permanently exit from the data entry screen by selecting <Quit> and then move to "Utilities" menu and select "Pack" option.

FEEDBACK REPORTING

After data entry, the most frequently used portion of this system are the Feedback reporting options. There are two principal types of feedback reporting envisioned in this system: text reports summarizing data in tabular form and graphic charts which help users visualize trends over time and between locations.

The following figures display the initial sub-menu and the district level sub-menu for

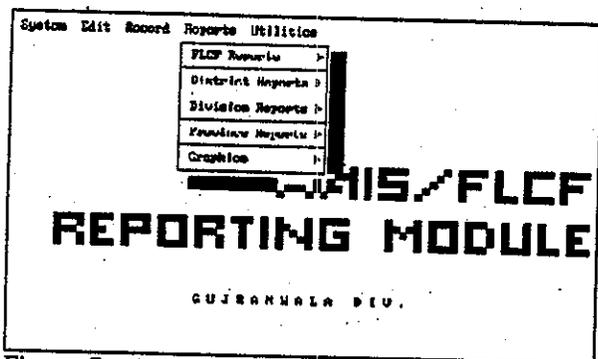


Figure 5: Feedback Reports Menu Screen.

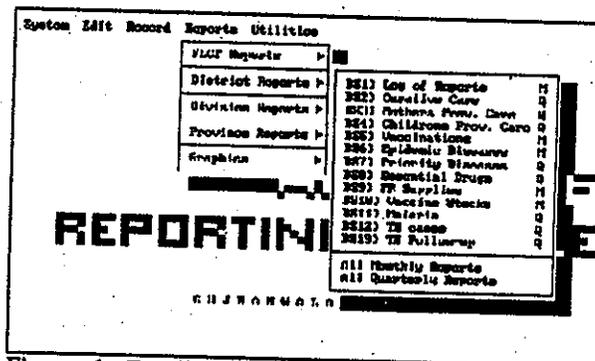


Figure 6: Feedback Reports Menu Screen.

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Feedback report processing.

To access this sub-menu, press <Alt-R> and press enter.

1. Printing Text reports:

The procedure for printing most of the text reports is virtually the same regardless of which report you select. The following are the key steps:

- a. Select the level of report that you wish to print (e.g. FLCF, District, Division, Province) and press enter.
- b. Select the report that you wish to print from the sub-menu and press enter.
- c. Determine the criteria for selecting records to be printed in your report. This selection criteria screen will differ somewhat depending upon whether your report is designed to be quarterly or monthly and at what level the data is aggregated (e.g. Facility, District, Division, or Province). The Selection criteria dialog should resemble that in Figure 6, below.

There are 3 key types of selection criteria that can be supplied in these reports:

Timeframe: Quarter, Month or All periods

Level: This popup permits you to select data for a particular district or division, or to report on all facilities.

Exclude errors: by checking the box in the bottom corner of the dialog, you can exclude reports containing errors in the sections which relate to the feedback report you are running.

Once you have determined these criteria, tab over to the << O.K >> button and press enter or press <Ctrl-Enter> to continue processing the report. If you want to cancel the report now select the < Cancel > button and press <Enter>.

- d. Select the destination for your report using the destination Report Output Dialog, see Figure 8. This can be either the Screen or the Printer. Select the appropriate destination by moving to it and pressing the < Space > bar. The press <Ctrl-Enter> to complete the report.

Define the Quarter, Year & District for which you want to select records:

Quarter

Year

District

Exclude reports with errors

< O.K. >

<Cancel>

GUJRANWALA DIV.

Figure 7 Report Selection Criteria Dialog

- e. If you have opted to display your report on the screen, you can press < Done > at any time to stop displaying the report and return to the Main menu. Otherwise press M for < More > to display additional screens of report output.

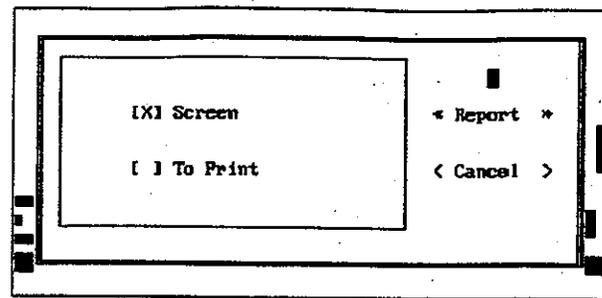


Figure 8 Report Output Dialog

The last two options on the Reports sub-menu enable you to print out a complete series of reports without having to select each report individually from the menu. This is useful at the end of a quarter or the end of a month, once data entry is complete, for printing out all relevant reports. You do not need to re-enter the selection criteria for each report so this can save a considerable amount of time.

2. Printing Graphs:

A limited capability for printing graphs is included with some installations of this system -- at provincial and federal levels. These graphs are printed one of two ways:

- Using FoxGraph which uses data from a summary database file to produce high quality 2 dimensional or 3 dimensional files. These can be produced without ever leaving the HMIS/FLCF Reporting Module.
- By producing simple summary data files and then preparing graphic output using Harvard Graphics. Once the summary files have been prepared, you must exit from the Reporting Module and load Harvard Graphics in order to setup and print your graphs.

Chapter 5

UTILITIES

The Reporting Module contains a wide variety of Utilities for configuring your computer and transmitting or maintaining your databases. These are all available through the Utilities option on the main menu which is displayed in Figure 11.

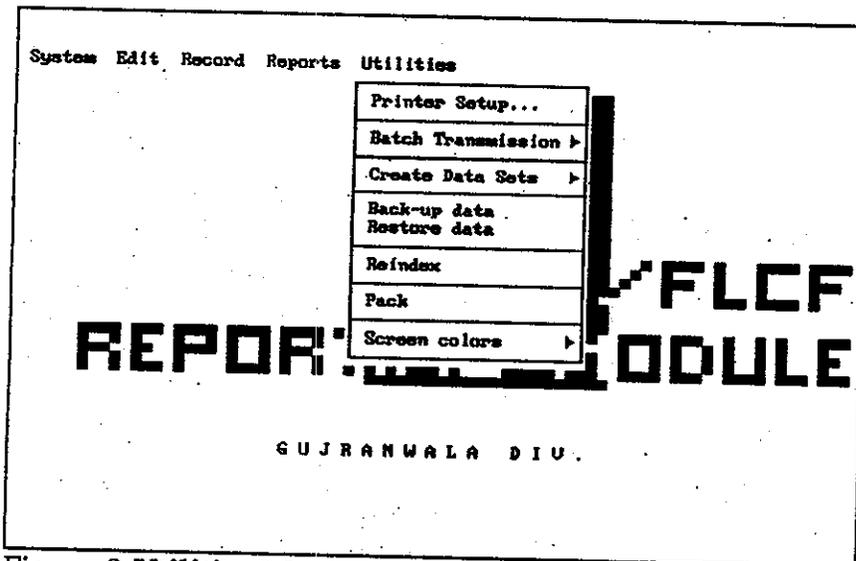


Figure 9 Utilities Menu Options

1. Printer Setup:

This option should only be required when install the software initially or when changing the printer attached to your computer. When you select this option, the following dialog appears on your screen. Tab to the scrolling list and hilight the printer which corresponds to your installation. If in doubt, select Generic as this will work for most installations. Press the <Space bar> to select a given printer and then tab across to the < Set Default > button and press <Enter>. Exit by tabbing to the << Set >> button and pressing <Enter> or by pressing <Ctrl-Enter>.

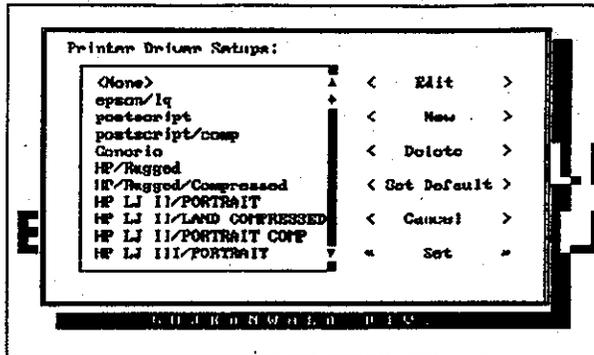


Figure 10 Printer Setup Dialog

If you do need to create a new printer setup, or edit an existing printer definition, select the appropriate button and press <Enter>.

This will display the Edit Printer definition dialog which is displayed in Figure 10, Figure 11. Select the appropriate printer from the scrolling list on the left and press <Space bar> to choose it. Then tab across to any of the other features that you wish to select. Generally, it is best to leave the default settings which appear when a new printer is selected, however you may wish to select a different number of characters per inch if your reports need to be printed out in compressed fonts in order to fit across the page. If you are creating a new printer setup, be sure to tab back over to the Setup Name field and type in a new name (like Generic/Compressed) before pressing << OK >>. If you want to abandon your changes and return to the previous dialog, press < Cancel >.

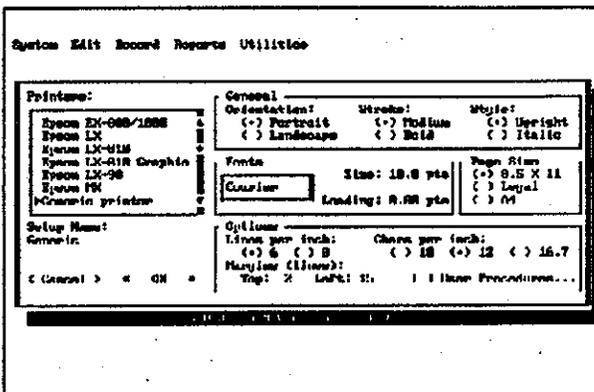


Figure 11 Edit Printer Dialog

2. Data Transmission

There are two types of data transmission which are built into the HMIS/FLCF Reporting Module. Once a month, District, Division and Province level Computer centers are supposed to prepare a batch of new and updated records to forward to a higher level. (Data Transmission Schedule is given in Figure 5). In addition, at certain levels --

particularly at the Provincial and Federal levels -- special data sets may be requested by health program offices like TB control, EPI or Malaria Control. Both of these methods of data transmission are selected from the Utilities menu.

A. Batch Transmissions: Before preparing transmission disk for a certain month, please ensure that:

- You have entered new reports, updated existing, and verified your data entry for quality assurance.
- Down loaded data transmission disks your center received from the lower levels (if there are any).

The following outlines the steps required to create such a batch automatically using the monthly reporting system:

1. Select the Batch Transmission option from the Utilities menu.
2. Select create batch to create a batch of all the new or modified files.
3. The batch files will automatically be created in the \batches subdirectory.
4. Print out a batch report.
5. If batch data will not fit on one floppy disk, use PKZIP or ZIPIT to compress the files.
6. Print out the batch report by selecting the batch report menu option.
7. Copy these files to a floppy disk to transmit to the next level. You should also keep a copy of this batch in your office until the next level has received and successfully loaded the new data.
8. Forward the batch on to the next higher authority, noting the date sent on a transmission log.
9. Update "Monthly Report and Data Transmission Log".

Always:

Protect the transmission diskette well before sending it out so that it does not get damaged during mailing. Use cardboard covers to enlose the diskette(s).

B. **Data Sets:** This menu option permits you to generate one of the following data sets:

- EPI all data related to Expanded Programme on Immunization which is transmitted through the Monthly Reports system.
- TB all data related to Tuberculosis laboratory testing, drug stock outs and case management from the Monthly Reports.
- Malaria all data related to Malaria laboratory examination, drug stock outs and case management.

Upon selecting one of these data sets, the following screen is displayed for you to specify the parameters for the data sets you are creating.

Figure 12 Data Set Definitions Dialog box

Enter the period for which you want the data selected. If you wish to have all record from a certain date onward, just enter the month and year for the beginning of the period. If you want all the records up until a certain point in time, enter the month and year only in

the To: boxes.

This procedure creates a flat database file which includes certain key fields from the Health Institutions Database as well as those from the Monthly Reports data files. These fields include the Institution Name, Division, District, Province, Institution Type, etc...

Once you have determined the time period to be included in your data set, you also have the option to output your results in one of the following formats:

- dbf this is a dbase III+ compatible database file which can be manipulated in Foxpro, dBase or EPI Info.
- wk1 This is a lotus 1-2-3 version 1A spreadsheet, which can be retrieved into Lotus, Quattro Pro or another electronic spreadsheet. Note: most spreadsheets cannot retrieve files with more than several thousand records, so this format may not be appropriate if you have a large data set to extract.
- xls This is a Microsoft Excel spreadsheet, which can be used directly in Excel. The same conditions apply as to wk1 files, above.

dif This is a data interchange format file which is useful for transmitting data to a variety of file formats -- especially those used by databases on mini- or mainframe computers. This is a comma delimited ASCII text file, each field is delimited with commas and each record is followed by a carriage return.

Copy Data Dialog

COPY PARAMETERS:

The dataset you have prepared is: MAL937.dbf
File size: 3 Kb.

Which drive do you want to copy to: A:

Copy type: Standard

ESTIMATE OF DISK REQUIREMENTS:

File size without compression: 3 Kb.
Space required after compression: 1 Kb.
Number of disks required: 1

< Copy >
< Cancel >

COPY DATA TO DISK

Figure 13 Data Set Copy to Dialog Box

Chapter 6

DATA MAINTENANCE

- a. Anti-virus: organize a systematic anti-virus strategy and don't allow people to load other software on the computers.
- b. Back-up your databases regularly. This should be done every day after changes or new records have been added to the system.
- c. Always make a back-up of your program and report files any time a new release of the software is installed.

Chapter 7

TROUBLESHOOTING

List of Possible Problems:

1. Program fails to load
2. Any DBF file is missing
3. Any DBF file got corrupted
4. Duplicate Institution Found
5. Institution not Found
6. Backup/Restore errors
7. Printers Problems
8. Installation Problems
9. Insufficient Memory
10. System Conifrugration Errors:
11. Message Appears: "Cannot find desired version of Foxpro":

1. Program Fails to Load:

There can be instances when program is partially or completely deleted, certain files are corrupted, or system has internal errors causing in Monthly Report module not executing properly. Program either:

- comes back to operating system without any message; or
- gives some error message and comes back; or
- screen goes blank and system hangs up.

Solution: In either of these cases, program needs to be re-installed. To do this, refer to chapter 2: Installation.

If it does not work even after re-installation then try it again by deleting everything in the \HID\MONTHLY directory, and then installing the software. To do this give following DOS commands, considering you are at DOS prompt and default drive is C:

```
CD \HID\MONTHLY  ←↵
DEL *.*          ←↵
A:               ←↵
INSTALL         ←↵
```

2. Any DBF file is missing:

While loading the Monthly Report module, system checks the existence of all "dbf" files. If it finds any of the file missing it displays error message on the screen. For example if monthrpt.dbf is missing it will report as: "Monthrpt.dbf file is missing..."

Solution: Re-install the software from original Monthly Report Module diskette.

3. Any DBF file got corrupted:

For any of the following reasons data files can get corrupted:

- You turned off the computer while you were still inside the Monthly Report module.
- Any virus is destroying your data.
- Bad data was restored through the back-up diskette.

System will give one of the following messages along with "Cancel", "Ignore" options:

- Not a database file
- Monthrpt.dbf file is missing

Solution: Data file corruption is a serious problem. First of all you should try by all means to avoid these accidents and never turn the system off before you exit to DOS or your menu program. To correct the problem try these options:

- 1) Re-install the software from original diskette, and then restore the data from back-up diskette.

If installation program stops due to problems with the data file then:

- 2) Delete everything in the \HID\MONTHLY directory and then re-install the software. To do this given following DOS commands at DOS prompt:

```
CD \HID\MONTHLY  ←↵
DEL *.*          ←↵
A:               ←↵
INSTALL         ←↵
```

Then restore data from your back-up disk.

- 3) If you know how to use Foxpro or Foxbase, and you have either of these programs then load the "institute.dbf" file in Foxpro or Foxbase and see where problem occurs. For example, if some records are corrupted, then delete those records.

Remember that Foxbase cannot save the Foxpro's Index files. So reindex in the Monthly Report module once you are done.

4. Duplicate Institution Found:

While adding a new Monthly Report you find a two records with the same institution name and village, then exit from the Monthly Report module and load Institutions module. Remove the duplicate records by marking for deletion with Ctrl+U keys and then packing the file.

5. Institution Not Found:

If institution is not found while adding a new Monthly Report, then follow these steps:

- Fill in Data Entry form for the institution from where the report has come in.
- Enter institutions name and other available information in the Institution module
- Then enter the Monthly Report in computer.

6. Backup/Restore errors:

Backup or Restore procedures may cause problems for any of these reasons:

- Wrong drive selected in the Back-up menu.
- Diskette is not formatted
- Diskette contains corrupted file
- Disk full error, not enough space on diskette.

Solution: To avoid all of these problems always ensure that you have:

- Selected correct drive for back-up or restore
- If using new diskette for back-up, it is properly formatted
- Data already backed-up on diskette is not corrupted.
- Disk has sufficient space to back-up data from hard disk.

7. Printer Problems:

Printer problems can be of any of these types:

- Printer not responding at all
- Printing funny characters
- Ejecting extra pages
- Printing outside the margins

Solution: To avoid all of the above printer problems always ensure that:

- Cable is properly connected to printer and computer
- Printer is not out of pages
- Printer is on line.
- Correct printer driver is selected in the Printer Set-up option of Utilities menu.
- Paper is loaded correctly and aligned to left margin.

If printer keeps ejecting extra pages and all of the above parameters are correct, then this will be printer's page length problem. This can be resolved by getting another copy of the software from the provincial or federal computer centers which has page length correctly defined for your printer.

8. Installation Problems:

If you find any error during installation, for example, installation utility reports that any ".dbf" file not found or corrupt, then try following options in a sequence:

1. Select "Ignore" option at error dialogue, and see if program functions properly after installation.
2. Run install utility once again, and see if it gives the same message again. If it does not, see if the program functions properly.
3. Copy you data files from \HID\MONTHLY directory to a floppy disk and then delete everything in the same directory. After that re-install the program. To do this follow these DOS command sequence:

```
CD \HID\MONTHLY    ←  
    (then insert blank disk in drive A)  
COPY *.* A:        ←  
DEL *.*            ←  
    (then insert Program Install disk in A)  
A:                 ←  
INSTALL            ←
```

(Note: This supposes you are using drive A: as floppy disk drive.)

9. Insufficient Memory:

If Institutions module refuses to load up and gives an error messages of similar meanings to this:

"insufficient memory"

Or if your program hangs-up while you are working in Monthly Report module, then

these are memory problems:

Solution: To avoid all kinds of memory problems, always ensure that:

- You have about 512K bytes of memory available. This can be checked by giving following DOS command: **MEM** ←
- You have not loaded any RAM-resident (also called TSR) programs, if so try unloading them one by one and see if your program runs correctly.
- Computer is not infected by any virus, always use latest anti-virus program to check the existence of any virus
- Software is not corrupted, if so, re-install from the original diskettes.

10. System Configuration Errors:

If Monthly Report module gives error messages having similar meanings to any of the following:

- Too many files open
- Nesting too deep
- Insufficient Buffers

Then it means your PC has problems with the system configuration parameters.

Solution: Make sure your CONFIG.SYS file has following parameters correctly defined:

```
DEVICE=HIMEM.SYS
DEVICE=EMM386.EXE RAM 1024
FILES=60
BUFFERS=40
DOS=HIGH
```

Config.sys is a system configuration file which DOS loads automatically while computer is turned on. This file stays in the root directory "\" and can be seen with the "dir" command.

To see what is inside the config.sys file, give following DOS commands:

```
CD \ ←
TYPE CONFIG.SYS ←
```

11. Message Appears: "Cannot find desired version of Foxpro":

If this message appears while loading the program, and it comes back to main menu or DOS prompt, it means the path is not set to c:\HID.

Solution: To set the path to C:\HID, exit to DOS prompt if you are in menu utility. Then give these commands.

```
CD \
```

```
EDIT AUTOEXEC.BAT
```

(then correct the line which says "path =", and add ;C:\HID at the end. Where means other paths.)

To save the file press Alt-F and then exit with yes option. Now re-boot the computer.