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MANAGEMENT SCIENCES FOR HEALTH
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MIS Consultancy Trip Report

Pakistan Child Survival Project
Islamabad, Pakistan

By Randy Wilson/MSH Boston
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400 CENTRE STREET, NEWTON, MASSACHUSETTS 02158
CABLE: MANSHEALTH (617) 527-9202
TELEX: 4990154 MSHUI
FAX: (617) 965-2208

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- II. List of Proposed Computerized Feedback reports
- III. Catalogue of Feedback Reports completed, including:
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- IV. Sample Maps from GIS
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Randy Wilson/MSH Boston
May 2, 1993

Trip Report: Pakistan Child Survival Project, Islamabad
Dates: 7-23 March 1993

1. ***Purpose of visit:*** This visit was planned to review the installation of the Monthly Reports data entry software in several field sites and to begin the development of the feedback reporting system for Pakistan's Health Management Information System for First Level Care Facilities (HMIS/FLCF). Key accomplishments included:
   a. Updating the software for Monthly Reports data entry and processing to simplify the file structure and to speed data entry;
   b. Developing a complete set of District level feedback reports and integrating them into the software's main menu;
   c. Developing a basic Geographic Information System capability by producing 2 sample analytical maps using data from the Health Institutions Database and the Atlas GIS maps developed by HIID;
   d. Defining the procedures for creating data sets for staff from Programme Offices such as EPI and TB Control.

2. ***General Observations:*** This was an exciting phase in the development of the HMIS software as it signalled the start of the use of computerized data for specialized management reports. Our many months of effort to develop and train staff in the use of record keeping, reporting, and data processing systems were finally beginning to bear fruit.

   I was encouraged by the interest and excellent suggestions provided by Drs. Mushtaq Chaudhury and Riaz Malik in our initial brainstorming session and by subsequent input from USAID's Rushna Rafji, UNICEF's Jason Weisfeld and Lu Wei, and The British Council's Colin Thunhurst and Duncan Ross.

   As in past visits, the substantial progress made during this short visit was due in large part to Theo Lippeveld's careful preparation and Shafat Sharif's excellent support. My only disappointment is that there always seems more to do than there is time to accomplish it.

   During field visits that Shafat and I made to Rawalpindi Division, Sheikapura District, and the Provincial Ministry of Health in Lahore we identify problems related to reporting and data processing, some of which led to significant modifications to the monthly reports software.

   There appeared to be general agreement that the record keeping and reporting requirements of the new HMIS are simpler and better defined than in the previous system. Data-processing staff at the provisional level were reasonably well prepared to handle the data entry and were already starting to make use of the data that has been gathered for the Health Institutions Database (this has over 8,000 records now at the federal level).

At the same time, I share concern with others on several fronts:

a. The need for frequent and consistent supervision to reinforce training in reporting compliance and accuracy;

b. The need to establish a systematic means for the ongoing training of new staff members due to the exceptionally high turnover of medical personnel;

c. Difficulties in supporting and maintaining an adequate quality of data processing services in districts;

d. Problems with the transmission of data from decentralized data processing centres due to the damage to a number of the diskettes received so far.

3. *Specific Activities:*

a. **Updating Monthly Reports data entry software:** This turned out to be much more of a job than I had anticipated. Due to slow performance of the software at some of the sites that we visited, I simplified the database structure and consequently had to redesign a third of the data entry screens. The results are not only faster, but much easier for novices to use for reporting and preparing subsets of data. Details of the revised file structure and database size estimates are included in ANNEX I. I also incorporated the new feedback reports, discussed below, into the system's menu and modified the batch transmittal system. Key improvements which still remain to be done include:

i. An improved query screen to allow users to specify the records that they want included in a report (Shafat and I are working on two different approaches to this which we will compare next visit);

ii. Incorporation of a data export utility to prepare subsets of data for programme offices such as EPI and TB control.

b. **Visit to sites using the HMIS:** These visits were extremely useful, as they provided considerable encouragement about the general enthusiasm and competence of staff who are using the HMIS at several levels within the health sector. It also helped me identify a variety of weaknesses in both the manual and computerized systems. Our travel itinerary took us to the Punjab, where Shafat and I visited the Provincial health ministry in Lahore, a District health office in Sheikapura, a BHU in Sheikapura and a Tehsil Hospital in Kala Chakaka. I also made a point to visit UNICEF's Health advisor in Lahore, Dr. Lu Wei, who reinforced the growing concern that the whole system is dependent upon good supervision.

Key findings from these visits included:

i. The quality of record keeping and reporting appears to depend upon the motivation of individual staff members. On one extreme, the staff at the BHU we visited just outside of Sheikapura took such pride in their registers that they had them covered and embellished with elegant lettering. For the most part, these registers were correctly filled out and up to date. On the other hand, our visit to Kala Chakaka RHC -- where the Director

himself was unable to attend HMIS training -- revealed numerous problems arising from incorrectly coded priority diseases to registers in the LHV's office which were locked up so that we couldn't review them.

ii. The nature and frequency of supervision was felt to play an important role in ensuring the quality of record keeping and reporting. District Health Officers should be trained in basic techniques which can be used during supervisory visits to spot and correct problems in data collection and reporting. A review of data collection and reporting should also be a part of their supervisory checklist. Other districts should note the success which Sheikapura district has had with reporting compliance since it has made the release of salaries dependent upon receipt of monthly reports.

iii. There is a high degree of turnover in the Medical Officer ranks -- mostly involving young physicians coming into the system fresh out of medical school and more experienced physicians moving out of the government system into private practice. This makes it essential to develop a practical and cost-effective mechanism for training new staff in using the system. Incorporating a module on MIS in the medical school curriculum is not believed to be a realistic option, as only a fraction of medical school graduates go into government service and the HMIS/FLCF is only designed to be used in government health facilities. Perhaps the most interesting suggestion which came up during our visits was to develop some sort of internship system where new physicians (particularly those who are posted to BHUs, where there is only one Medical Officer) are sent to a neighboring health facility to learn administrative, record keeping and reporting procedures.

c. **Development of Feedback reporting system:** I made substantial progress on this front, developing draft reports for each of the District level reports and the 1 facility level report and integrating them into the Reports menu of the Monthly Reports software. This is an important accomplishment, as most of the other reports (eg. Province Level, Division Level and Federal Level) are simply different aggregations of the same data and can be produced by making minor modifications to the report files that have already been developed. ANNEX II includes a list of the proposed reports ANNEX III is the start of a draft catalogue with samples of all of those which have been developed.

Particularly useful in this effort was a review of initial drafts of several report forms with Dr. Mustaq Chaudhury and Riaz Malik and the HIS team. A key concern highlighted during this meeting was the high volume of paper that would be required for running each of the reports which is being developed. The decentralization of the data entry and analysis makes the time required to print reports more manageable than if they were all printed and distributed centrally, but it doesn't overcome the paper problem. A key decision made was to limit the number of health facility level reports to one A-4 size sheet per year per facility.

In addition, thanks to the initiative of Jason Weisfeld of UNICEF, Shafat Sharif and I met with 2 consultants with the British Council, Duncan Ross and Colin Thunhurst (both involved in helping develop health planning capacity in the Ministry of Health). Not only were they able to provide some useful suggestions about the presentation of data in some of the reports, but it was also important to bring them up to date with the range of data that we are collecting as the planning function within the ministry can be a key use of data generated from the HMIS.

Several important steps still remain on the Feedback Reports development process. These include:

i. Sharing these models with District Health Officers and revise the report forms as needed;
ii. Modifying the reports for Divisional, Provincial and Federal levels;
iii. Developing special reports for National Programme offices;
iv. Producing a detailed catalogue of reports as part of the users documentation (see the sample reports in ANNEX III).

d. **Development of basic GIS capability:** Shafat and I were finally able to load the Atlas Graphics files produced by Tom Cassidy at HID, so that we could begin developing some maps to help analyze HMIS data. Two sample maps were produced using data from the Health Institutions Database (see Annex IV). The first plots the population to health facility ratios in the different provinces, while the second uses data on essential EPI equipment to determine the proportion of health facilities with all necessary EPI equipment by Province.

This exercise was extremely useful in identifying issues related to linking the GIS files with the HMIS database files. The following work needs to be done to facilitate the direct linkage of data between the two systems and the mapping of data generally:

i. Currently, the GIS layers which are used to identify Provinces and Districts use a different coding system from the HMIS. The Federally Administered Tribal areas around NWFP are actually assigned to a different region, whereas in the HMIS, NWFP includes these areas. Similarly, there remains some question about how to label Jammu and Kashmir and the Northern Areas. Ideally, the HID maps should be revised to use the same Province, District (and eventually Tehsil) coding that is used by the HMIS. This will allow us to set database relations easily with HMIS databases without any re-coding.

ii. Population data: Theo and I spent the better part of a morning trying to identify strategies for obtaining reasonably accurate District and Tehsil level population data. These are crucial for use as denominators in population coverage indicators which are calculated for reports or mapping.

I added several fields to the District database to permit us to put in 1981 census data for each district and then extrapolate data using a standard population growth formula. This proved to be much more complex than we had expected because so many districts have been redefined and in some cases have absorbed population that used to belong in other districts. There is hope that someday the 1991 census will again come to life and provide us with more accurate district and tehsil level data. In the meantime, the system is going to have to rely on district and thesil population figures provided by the provincial authorities -- Shafat has asked HMIS coordinators in each Province to gather this data.

iii. Plans for AID to purchase ATLAS-GIS software for the project need to be followed up on. There appeared to be some confusion at AID about where the software could be obtained and specifically which software to order. I've attached a brief summary of the differences between ATLAS software's software versions, information about US vs. International price structures, and an Order form in Annex IV. MSH's Atlas-GIS contact has suggested the following vendors, in addition to Strategic Mapping, Inc (address on order form):

(1) GIS Services of New England, contact: Bill Bentley (phone 203-446-8126)

(2) GeoFocus, contact: Paul De Francisco (phone 606-525-7322).

I strongly recommend buying the following software:

Description	Estimated Cost
Atlas-GIS for MS-DOS	$ 3,095.00
Atlas-SCRIPT	595.00
Total:	$ 3,690.00

e. **Developing procedures for creating data sub-sets for programme office staff:** Shafat Sharif and I spent part of an afternoon brainstorming about various methods to produce subsets of data for programme staff such as EPI, TB control and Family Planning. It will be important to involve staff from each of these programmes to determine exactly which database fields they would want and how frequently these subsets should be created, but we did establish some general principles. The following are some of the key elements of the process:

i. To simplify use of data, sub-sets will be created as flat files. This means users will be able to load them with easily into databases or spreadsheets and they don't need to know too much about managing relational

databases. These sub-sets will only include the fields specifically required by each individual programme and the processing can be best managed by developing and storing a series of SQL statements to create the files as required. See ANNEX V. for a sample SQL query to produce a data set for the EPI Programme.

ii. Any of the file export formats directly supported by FoxPro can be provided. These include: .dbf for FoxPro or dBase; .wk1 for Lotus or Quattro Pro; .xls for Excel; .dif comma delimited ascii text files for importation into other databases or spreadsheets.

iii. Data sets will be provided for programme offices at the levels where they are used. If the National Malaria control programme wants data, the data will be generated from the Federal Level HMIS. If there is a provincial EPI office in Punjab, it will obtain the data from the Provincial computer centre. This means that modules for producing data sub-sets need to be incorporated into the HMIS menu structure.

iv. A simple data dictionary will be printed out to describe each data set and field which is extracted. I have spent some time updating a simple data dictionary which will facilitate the inclusion of descriptive information about the otherwise cryptic field names which have been used because of limitations on the length of .dbf field names. See ANNEX V. for a sample of such a data dictionary.

v. Data sets will be provided with a frequency which best suits each programme office, either monthly, quarterly, semi-annually or annually. No special procedures will be developed to update pre-existing records from data sub-sets which programme offices received earlier.

4. ***Follow-up activities:***

a. Theo Lippeveld and Shafat Sharif should share initial drafts of District Level Feedback reports with relevant staff at the District level. Shafat should then make necessary modifications to report forms.

b. Shafat and Randy to work on more user friendly methods for enabling users to create, save and restore appropriate queries for reports.

c. Shafat and Randy to meet with Programme Offices such as EPI, TB, Malaria Control, etc... to discuss the most appropriate formats of data subsets from the monthly reports data.

d. Shafat to upgrade HID and Monthly Reports software with changes made during last visit.

e. Shafat to modify Tom Cassidy's GIS files to include PROV_CODE and DIST_CODE fields which can be used to facilitate links to HMIS data.

f. USAID office to procure ATLAS-GIS and ATLAS-SCRIPT.

g. Randy to plan final visit to Pakistan during the month of July in order to finalize all feedback reporting, including GIS; to prepare comprehensive system and user documentation and to implement the procedures for creating data sub-sets for programme offices.

ANNEX I. New Database Structure for Monthly Reports Module

FILE SIZE ESTIMATES FOR NEW MONTHLY REPORTING STRUCTURE

Assumes maximum no. of facilities per province **4000**

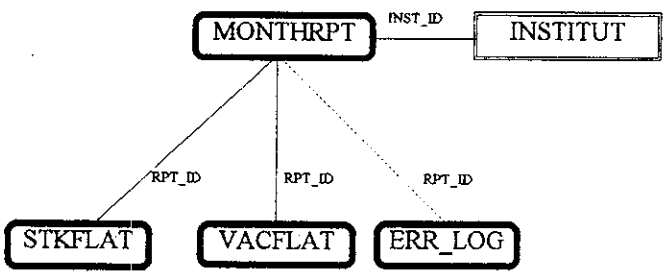
FILE	RECORD SIZE	NO. OF RECS. PER REPORT	TOTAL SIZE
MONTHRPT	634	1	634
STKFLAT	320	1	320
VACFLAT*	184	0.7	129
ERR_LOG**	92	0.3	28

Total size of 1 record **1,110** Bytes

1 month's data **4** Megabytes
1 year's data **51** Megabytes

* Assumes that 70% of facilities will report on vaccinations
** Assumes that 30% of records will have some errors

MONTHLY REPORTS DATA STRUCTURE



System: HMIS MONTHLY REPORTS MODULE
Author: R.WILSON/S.SHARIF
05/04/93 14:52:15
Database Structure Summary

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15 databases in the system

BATCH.DBF	Keeps track of batch numbers and dates
MONTHRPT.DBF	Main monthly reports data file
INSTITUT.DBF	Reference field in HID application
POSTS.DBF	Post data in HID application
STKFLAT.DBF	Essential drugs stock records
VACFLAT.DBF	Vaccination records
B_MONTH.DBF	Batch file containing new monthly records
B_STOCK.DBF	Batch file containing new stock records
B_VAC.DBF	Batch file containing new vaccination records
ERR_LOG.DBF	Database which maintains records on errors in monthly records
B_INST.DBF	Batch file containing most recent update of institut file
DISTRICT.DBF	Lookup tables from HID
TEHSIL.DBF	
PROVINCE.DBF	
DIVISION.DBF	

Structure for database : BATCH.DBF
Number of data records : 5
Last updated : 03/21/93 at 4:02

Field	Field name	Type	Width	Dec	Start	End
1	BATCH_NO	Character	9		1	9
2	BATCH_DATE	Date	8		10	17
3	BATCH_DESC	Memo	10		18	27
** Total **			28			

This database is associated with the memo file: BATCH.FPT

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):
: C:\FOXPRO2\HID\MONTHLY\BATCH.CDX

Structure for database : MONTHRPT.DBF
Number of data records : 22
Last updated : 04/08/93 at 15:16

Field	Field name	Type	Width	Dec	Start	End
1	INST_ID	Character	6		1	6
2	RPT_MONTH	Character	2		7	8
3	RPT_YEAR	Character	2		9	10
4	ENTRY_DATE	Date	8		11	18
5	LAST_UPDTE	Date	8		19	26
6	BATCH_NO	Character	9		27	35
7	REC_STATUS	Character	1		36	36
8	RPT_ID	Character	10		37	46
9	CA_POP	Numeric	7		47	53
10	EXP_BIRTH	Numeric	4		54	57
11	BIRTH_REG	Numeric	4		58	61
12	WEIGH_NEW	Numeric	3		62	64
13	WEIGH_LOW	Numeric	3		65	67
14	STAFF_MTG	Numeric	2		68	69
15	TBA_MTG	Numeric	2		70	71
16	CHW_MTG	Numeric	2		72	73
17	COMM_MTG	Numeric	2		74	75
18	INST_SESS	Numeric	2		76	77
19	SCHL_SESS	Numeric	2		78	79
20	COMM_SESS	Numeric	2		80	81
21	HOME_VISIT	Numeric	3		82	84
22	CURATIVE	Character	1		85	85
23	NC_M_LT1	Numeric	5		86	90
24	NC_M_LT5	Numeric	5		91	95
25	NC_M_LT15	Numeric	5		96	100
26	NC_M_LT45	Numeric	5		101	105
27	NC_M_GT45	Numeric	5		106	110
28	NC_F_LT1	Numeric	5		111	115
29	NC_F_LT5	Numeric	5		116	120
30	NC_F_LT15	Numeric	5		121	125
31	NC_F_LT45	Numeric	5		126	130
32	NC_F_GT45	Numeric	5		131	135
33	TOT_NC	Numeric	5		136	140
34	OLD_CASES	Numeric	5		141	145
35	REFERRED	Numeric	3		146	148
36	FBACK_REF	Numeric	3		149	151
37	DR_101_0	Numeric	3		152	154
38	DR_101_1	Numeric	3		155	157
39	DR_101_2	Numeric	3		158	160
40	DR_101_9	Numeric	3		161	163
41	DY_102_0	Numeric	3		164	166
42	DY_102_1	Numeric	3		167	169
43	DY_102_2	Numeric	3		170	172
44	DY_102_9	Numeric	3		173	175
45	ARI_103_0	Numeric	3		176	178
46	ARI_103_1	Numeric	3		179	181
47	ARI_103_2	Numeric	3		182	184
48	ARI_103_3	Numeric	3		185	187
49	ARI_103_9	Numeric	3		188	190
50	FEV_NBS	Numeric	3		191	193
51	FEV_BS_INF	Numeric	3		194	196
52	FEV_BS_SO	Numeric	3		197	199
53	LABORATORY	Character	1		200	200
54	BS_INT_TOT	Numeric	4		201	204
55	BS_EXT_TOT	Numeric	4		205	208
56	BS_INT_MAL	Numeric	2		209	210
57	BS_EXT_MAL	Numeric	2		211	212
58	BS_INT_FAL	Numeric	2		213	214
59	BS_EXT_FAL	Numeric	2		215	216
60	TB_CARE	Character	1		217	217
61	SPUT_INT	Numeric	2		218	219
62	SPUT_REF	Numeric	2		220	221
63	SPUT_INT_T	Numeric	2		222	223
64	SPUT_EXT_T	Numeric	2		224	225
65	SPUT_INT_P	Numeric	2		226	227
66	SPUT_EXT_P	Numeric	2		228	229
67	TB_RX_LAST	Numeric	2		230	231
68	TB_STARTED	Numeric	2		232	233

69	TB_NEW	Numeric	2	234	235
70	TB_DISCHGD	Numeric	2	236	237
71	TB_DEFAULT	Numeric	2	238	239
72	TB_RX_THIS	Numeric	2	240	241
73	POLIO_NV	Numeric	2	242	243
74	POLIO_PV	Numeric	2	244	245
75	POLIO_FULV	Numeric	2	246	247
76	POLIO_UN	Numeric	2	248	249
77	MEAS_NV	Numeric	2	250	251
78	MEAS_PV	Numeric	2	252	253
79	MEAS_FULV	Numeric	2	254	255
80	MEAS_UN	Numeric	2	256	257
81	TETAN_NV	Numeric	2	258	259
82	TETAN_PV	Numeric	2	260	261
83	TETAN_FULV	Numeric	2	262	263
84	TETAN_UN	Numeric	2	264	265
85	DIPHT_NV	Numeric	2	266	267
86	DIPHT_PV	Numeric	2	268	269
87	DIPHT_FULV	Numeric	2	270	271
88	DIPHT_UN	Numeric	2	272	273
89	WHOOP_NV	Numeric	2	274	275
90	WHOOP_PV	Numeric	2	276	277
91	WHOOP_FULV	Numeric	2	278	279
92	WHOOP_UN	Numeric	2	280	281
93	IODINE	Character	1	282	282
94	IOD_LT20	Numeric	3	283	285
95	IOD_PREGWM	Numeric	3	286	288
96	IOD_CBA_WM	Numeric	3	289	291
97	IOD_TOT	Numeric	3	292	294
98	IOD_T_CAP	Numeric	5	295	299
99	MALNUT	Character	1	300	300
100	MAL_WEIGHD	Numeric	3	301	303
101	MAL_NORMAL	Numeric	3	304	306
102	MAL_MODERA	Numeric	2	307	308
103	MAL_SEVERE	Numeric	2	309	310
104	PRENATAL	Character	1	311	311
105	PN_NEW_REG	Numeric	4	312	315
106	PN_NEW_1ST	Numeric	4	316	319
107	PN_HG_LT10	Numeric	3	320	322
108	PN_TOT_VST	Numeric	5	323	327
109	PN_REVSTS	Numeric	3	328	330
110	DELIVERY	Character	1	331	331
111	DLV_TOTAL	Numeric	3	332	334
112	DLV_STILL	Numeric	2	335	336
113	DLV_ABOR	Numeric	2	337	338
114	DLV_TRND	Numeric	3	339	341
115	DLV_IN_FAC	Numeric	2	342	343
116	POSTNATAL	Character	1	344	344
117	PSTN_EMD1M	Numeric	2	345	346
118	PSTN_GT1VT	Numeric	2	347	348
119	MAT_DEATHS	Numeric	2	349	350
120	CONTRACEP	Character	1	351	351
121	CT_MAL_TOT	Numeric	3	352	354
122	CT_FEM_TOT	Numeric	3	355	357
123	CT_NEW_TOT	Numeric	3	358	360
124	CT_OLD_TOT	Numeric	3	361	363
125	CT_VST_CDM	Numeric	3	364	366
126	CT_VST_FM	Numeric	3	367	369
127	CT_VST_PIL	Numeric	3	370	372
128	CT_VST_INJ	Numeric	3	373	375
129	CT_VST_IUD	Numeric	3	376	378
130	CT_VST_SRG	Numeric	2	379	380
131	CT_REFERAL	Numeric	2	381	382
132	CT_NO_CDM	Numeric	3	383	385
133	CT_NO_FOAM	Numeric	3	386	388
134	CT_NO_PILL	Numeric	3	389	391
135	CT_NO_INJ	Numeric	3	392	394
136	CT_NO_IUD	Numeric	3	395	397
137	GROWTH_MON	Character	1	398	398
138	GM_NEW_LT1	Numeric	4	399	402
139	GM_TOT_VST	Numeric	5	403	407
140	GM_NORMAL	Numeric	4	408	411

141	IMMUNIZ	Character	1	412	412
142	VAC_CA_POP	Numeric	8	413	420
143	FIXED_CNT	Numeric	2	421	422
144	OUTRCH_CNT	Numeric	2	423	424
145	MOBILE_UNT	Numeric	2	425	426
146	D101_1	Numeric	4	427	430
147	D101_4	Numeric	4	431	434
148	D101_GT5	Numeric	4	435	438
149	D102_1	Numeric	4	439	442
150	D102_4	Numeric	4	443	446
151	D102_GT5	Numeric	4	447	450
152	D103_1	Numeric	4	451	454
153	D103_4	Numeric	4	455	458
154	D103_GT5	Numeric	4	459	462
155	D104_1	Numeric	4	463	466
156	D104_4	Numeric	4	467	470
157	D104_GT5	Numeric	4	471	474
158	D105_1	Numeric	4	475	478
159	D105_4	Numeric	4	479	482
160	D105_GT5	Numeric	4	483	486
161	D106_1	Numeric	4	487	490
162	D106_4	Numeric	4	491	494
163	D106_GT5	Numeric	4	495	498
164	D107_1	Numeric	4	499	502
165	D107_4	Numeric	4	503	506
166	D107_GT5	Numeric	4	507	510
167	D108_1	Numeric	4	511	514
168	D108_4	Numeric	4	515	518
169	D108_GT5	Numeric	4	519	522
170	D109_1	Numeric	4	523	526
171	D109_4	Numeric	4	527	530
172	D109_GT5	Numeric	4	531	534
173	D110_1	Numeric	4	535	538
174	D111_1	Numeric	4	539	542
175	D111_4	Numeric	4	543	546
176	D111_GT5	Numeric	4	547	550
177	D112_1	Numeric	4	551	554
178	D112_4	Numeric	4	555	558
179	D112_GT5	Numeric	4	559	562
180	D113_1	Numeric	4	563	566
181	D113_4	Numeric	4	567	570
182	D113_GT5	Numeric	4	571	574
183	D114_1	Numeric	4	575	578
184	D114_4	Numeric	4	579	582
185	D114_GT5	Numeric	4	583	586
186	D115_1	Numeric	4	587	590
187	D115_4	Numeric	4	591	594
188	D115_GT5	Numeric	4	595	598
189	D116_1	Numeric	4	599	602
190	D116_4	Numeric	4	603	606
191	D116_GT5	Numeric	4	607	610
192	D117_1	Numeric	4	611	614
193	D117_4	Numeric	4	615	618
194	D117_GT5	Numeric	4	619	622
195	D118_1	Numeric	4	623	626
196	D118_4	Numeric	4	627	630
197	D118_GT5	Numeric	4	631	634
** Total **			635		

This database appears to be associated with index file/tag(s):
: INST_ID (INST_ID)

This database appears to be associated with multiple index file(s):
: C:\FOXPRO2\HID\MONTHLY\MONTHRPT.CDX

Structure for database : STKFLAT.DBF
Number of data records : 32
Last updated : 04/08/93 at 15:16

Field	Field name	Type	Width	Dec	Start	End
1	RPT_ID	Character	10		1	10
2	S_BCG_RCD	Numeric	6		11	16
3	S_BCG_CARE	Numeric	5		17	21
4	S_BCG_DISC	Numeric	5		22	26
5	S_BCG_BAL	Numeric	6		27	32
6	S_BCG_OUT	Numeric	2		33	34
7	S_DTP_RCD	Numeric	6		35	40
8	S_DTP_CARE	Numeric	5		41	45
9	S_DTP_DISC	Numeric	5		46	50
10	S_DTP_BAL	Numeric	6		51	56
11	S_DTP_OUT	Numeric	2		57	58
12	S_POL_RCD	Numeric	6		59	64
13	S_POL_CARE	Numeric	5		65	69
14	S_POL_DISC	Numeric	5		70	74
15	S_POL_BAL	Numeric	6		75	80
16	S_POL_OUT	Numeric	2		81	82
17	S_TT_RCD	Numeric	6		83	88
18	S_TT_CARE	Numeric	5		89	93
19	S_TT_DISC	Numeric	5		94	98
20	S_TT_BAL	Numeric	6		99	104
21	S_TT_OUT	Numeric	2		105	106
22	S_MEA_RCD	Numeric	6		107	112
23	S_MEA_CARE	Numeric	5		113	117
24	S_MEA_DISC	Numeric	5		118	122
25	S_MEA_BAL	Numeric	6		123	128
26	S_MEA_OUT	Numeric	2		129	130
27	S_DT_RCD	Numeric	6		131	136
28	S_DT_CARE	Numeric	5		137	141
29	S_DT_DISC	Numeric	5		142	146
30	S_DT_BAL	Numeric	6		147	152
31	S_DT_OUT	Numeric	2		153	154
32	S_SYR_RCD	Numeric	6		155	160
33	S_SYR_CARE	Numeric	5		161	165
34	S_SYR_DISC	Numeric	5		166	170
35	S_SYR_BAL	Numeric	6		171	176
36	S_SYR_OUT	Numeric	2		177	178
37	S_NED_RCD	Numeric	6		179	184
38	S_NED_CARE	Numeric	5		185	189
39	S_NED_DISC	Numeric	5		190	194
40	S_NED_BAL	Numeric	6		195	200
41	S_NED_OUT	Numeric	2		201	202
42	S_OC_RCD	Numeric	6		203	208
43	S_OC_CARE	Numeric	5		209	213
44	S_OC_DISC	Numeric	5		214	218
45	S_OC_BAL	Numeric	6		219	224
46	S_OC_OUT	Numeric	2		225	226
47	S_CDM_RCD	Numeric	6		227	232
48	S_CDM_CARE	Numeric	5		233	237
49	S_CDM_DISC	Numeric	5		238	242
50	S_CDM_BAL	Numeric	6		243	248
51	S_CDM_OUT	Numeric	2		249	250
52	S_IC_RCD	Numeric	6		251	256
53	S_IC_CARE	Numeric	5		257	261
54	S_IC_DISC	Numeric	5		262	266
55	S_IC_BAL	Numeric	6		267	272
56	S_IC_OUT	Numeric	2		273	274
57	S_IUD_RCD	Numeric	6		275	280
58	S_IUD_CARE	Numeric	5		281	285
59	S_IUD_DISC	Numeric	5		286	290
60	S_IUD_BAL	Numeric	6		291	296
61	S_IUD_OUT	Numeric	2		297	298
62	S_ORS_OUT	Numeric	2		299	300
63	S_COT_OUT	Numeric	2		301	302
64	S_COTS_OUT	Numeric	2		303	304
65	S_CHL_OUT	Numeric	2		305	306
66	S_PRM_OUT	Numeric	2		307	308
67	S_IRN_OUT	Numeric	2		309	310
68	S_FOL_OUT	Numeric	2		311	312

69	S_STRP_OUT	Numeric	2	313	314
70	S_INH_OUT	Numeric	2	315	316
71	S_INHT_OUT	Numeric	2	317	318
72	S_ZN_OUT	Numeric	2	319	320
** Total **			321		

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):
: C:\FOXPRO2\HID\MONTHLY\STKFLAT.CDX

Structure for database : VACFLAT.DBF
Number of data records : 20
Last updated : 03/21/93 at 4:32

Field	Field name	Type	Width	Dec	Start	End
1	RPT_ID	Character	10		1	10
2	TT_PRG_I	Numeric	3		11	13
3	TT_PRG_II	Numeric	3		14	16
4	TT_PRG_III	Numeric	3		17	19
5	TT_PRG_IV	Numeric	3		20	22
6	TT_PRG_V	Numeric	3		23	25
7	TT_CBA_I	Numeric	3		26	28
8	TT_CBA_II	Numeric	3		29	31
9	TT_CBA_III	Numeric	3		32	34
10	TT_CBA_IV	Numeric	3		35	37
11	TT_CBA_V	Numeric	3		38	40
12	BCG_1	Numeric	4		41	44
13	BCG_2	Numeric	4		45	48
14	BCG_GT2	Numeric	4		49	52
15	DTP1_1	Numeric	4		53	56
16	DTP1_2	Numeric	4		57	60
17	DTP2_1	Numeric	4		61	64
18	DTP2_2	Numeric	4		65	68
19	DTP3_1	Numeric	4		69	72
20	DTP3_2	Numeric	4		73	76
21	DTPB_2	Numeric	4		77	80
22	OPV_0	Numeric	4		81	84
23	OPV1_1	Numeric	4		85	88
24	OPV1_2	Numeric	4		89	92
25	OPV1_GT2	Numeric	4		93	96
26	OPV2_1	Numeric	4		97	100
27	OPV2_2	Numeric	4		101	104
28	OPV2_GT2	Numeric	4		105	108
29	OPV3_1	Numeric	4		109	112
30	OPV3_2	Numeric	4		113	116
31	OPV3_GT2	Numeric	4		117	120
32	OPVB_2	Numeric	4		121	124
33	OPVB_GT2	Numeric	4		125	128
34	DT1_1	Numeric	4		129	132
35	DT1_2	Numeric	4		133	136
36	DT1_GT2	Numeric	4		137	140
37	DT2_1	Numeric	4		141	144
38	DT2_2	Numeric	4		145	148
39	DT2_GT2	Numeric	4		149	152
40	DTB_2	Numeric	4		153	156
41	DTB_GT2	Numeric	4		157	160
42	MEAS_1	Numeric	4		161	164
43	MEAS_2	Numeric	4		165	168
44	MEAS_GT2	Numeric	4		169	172
45	FULL_IM1	Numeric	4		173	176
46	FULL_IM2	Numeric	4		177	180
47	FULL_IMGT2	Numeric	4		181	184
** Total **			185			

FoxDoc did not find any associated index files

This database appears to be associated with multiple index file(s):
: C:\FOXPRO2\HID\MONTHLY\VACFLAT.CDX

FoxDoc did not find any associated report forms

Structure for database : ERR_LOG.DBF
Number of data records : 10
Last updated : 03/23/93 at 9:41

Field	Field name	Type	Width	Dec	Start	End
1	RPT_ID	Character	10		1	10
2	ERROR_MSG	Memo	10		11	20
3	ERR_DATE	Date	8		21	28
** Total **			29			

This database is associated with the memo file: ERR_LOG.FPT

FoxDoc did not find any associated index files

FoxDoc did not find any associated multiple indexes

ANNEX II.

DEVELOPMENT OF HEALTH MANAGEMENT INFORMATION SYSTEM FOR FIRST LEVEL CARE FACILITIES

COMPUTERIZED FEEDBACK SYSTEM

Feedback reports based on Monthly HMIS/FCLF Report

LEVEL	CODE	RPT.FORM	TYPE	FREQ
FLCF	F1	ANNMGMT	Summary Report	Y
Tehsil/Taluka	T1		Log Report/FLCF	Q/Y
	T2		Vaccination report	M/Y
District	DS1	YEARLOG	Log Report/FLCF	Q/Y
	DS2	CURQRT	Curative Care Report	Q/Y
	DS3	CHLDQRT	Preventive Care Report/Child	Q/Y
	DS4	MOTHQRT	Preventive Care Report/Mother	Q/Y
	DS5	VACRPT	Vaccination Report	M/Y
	DS6	EPIDIS	Epidemic Diseases Report	M/Y
	DS7	PRIORDIS	Priority Diseases Report	Q/Y
	DS8	DSSTOCK	Essential DS Report	Q/M
	DS9	FPSTOCK	Family Planning Supplies	M/Y
	DS10	VACSTOCK	Vaccines Stock Report	M/Y
Division	DV1		Vaccination Report	M/Y
	DV2		Epidemic Diseases Report	M/Y
	DV3		Maternal Mortality Report/Month	Q/Y
	DV4		Essential DVS Report	Q/M
	DS5		Family Planning Supplies	M/Y
	DS6		Vaccines Stock Report	M/Y

LEVEL	CODE	RPT.FORM	TYPE	FREQ
Province				
General	PG1		Log Report/District	Q/Y
	PG2		Curative Care Report	Q/Y
	PG3		Preventive Care Report/Mother	Q/Y
	PG4		Preventive Care Report/Child	Q/Y
	PG5		Epidemic Diseases Report	M/Y
	PG6		Maternal Mortality Report/Month	Q/Y
	PG7		Essential DVS Report	Q/M
EPI Program	PE1		Vaccination report	M/Y
	PE2		Vaccines Stock Report	M/Y
ARI Program	PA		Quarterly ARI Report	Q
CDD Program	PD		Quarterly CDD Report	Q
Malaria Program	PM		Quarterly Malaria Report	Q
TB Program	PT		Quarterly TB Report	Q
Family Planning	PF1		Quarterly Family Planning Report	Q
	PF2		Family Planning Supplies Report	M/Y
Federal				
General	FG1		Log Report/District	Q/Y
	FG2		Curative Care Report	Q/Y
	FG3		Preventive Care Report/Mother	Q/Y
	FG4		Preventive Care Report/Child	Q/Y
	FG5		Epidemic Diseases Report	M/Y
	FG6		Maternal Mortality Report/Month	Q/Y
	FG7		Essential DVS Report	Q/M
EPI Program	FE1		Vaccination report	M/Y
	FE2		Vaccines Stock Report	M/Y
ARI Program	FA		Quarterly ARI Report	Q
CDD Program	FD		Quarterly CDD Report	Q
Malaria Program	FM		Quarterly Malaria Report	Q
TB Program	FT		Quarterly TB Report	Q
Family Planning	FF1		Quarterly Family Planning Report	Q
	FF2		Family Planning Supplies Report	M/Y

ANNEX III. Draft Catalogue of HMIS Feedback Reports Completed

Sample Report Forms and Programmer's documentaton are included for the following Feedback Reports:

LEVEL	CODE	RPT.FORM	TYPE	FREQ
FLCF	F1	ANNMGMT	Summary Report	Y
District	DS1	YEARLOG	Log Report/FLCF	Q/Y
	DS2	CURQRT	Curative Care Report	Q/Y
	DS3	CHLDQRT	Preventive Care Report/Child	Q/Y
	DS4	MOTHQRT	Preventive Care Report/Mother	Q/Y
	DS5	VACRPT	Vaccination Report	M/Y
	DS6	EPIDIS	Epidemic Diseases Report	M/Y
	DS7	PRIORDIS	Priority Diseases Report	Q/Y
	DS8	DSSTOCK	Essential DS Report	Q/M
	DS9	FPSTOCK	Family Planning Supplies	M/Y
	DS10	VACSTOCK	Vaccines Stock Report	M/Y
Other	EL	ERRLIST	Error list report	Ad hoc

BHU, AALI WALA (ID No. 121001)
District D. G. KHAN Catchment Area Population 15000

RANGE OF VALUES
L H
0% 100%

No. of reports: 3 Complete: 25 %

BIRTH REGISTRATION		
Expected Births	100	
Number of Births registered	36	36 % of expected
CURATIVE CARE		
Total New Cases	1876	
Old Cases	367	
Total Visits	2243	
Referred	147	8 % of New Cases
Feedback from Cases Referred	13	9 % Feedback on Rfd. Cases
TUBERCULOSIS		
New Cases Started Treatment	6	
Total Number Discharged	8	
Total Number lost as Defaulters	5	63 % of Total Number Disch.
MOTHER HEALTH		
Pre-Natal Care:		
Expected New Pregnancies	12	
Mothers Newly Registered	63	510 % of Exp. New Preg.
Newly Regist. during 1st Trimester	16	25 % of Total Newly Regist.
Deliveries:		
Expected Deliveries	12	
Total Deliveries	78	632 % of Exp. Deliveries
No. of Deliveries by Trained Persons	27	35 % of Exp. Deliveries
Maternal Deaths	2	
Family Planning:		
Total Visits for FP	42	
Total Male FP visits	7	
Total Female FP visits	35	
Total Referred for FP services	6	
CHILD HEALTH		
Expected Children under 1 year	100	
Growth Monitoring		
Newly Registered under 1 year	0	0 % of Exp. < 1 year
Vaccinations (Children under 1 year immunized)		
BCG	74	74 % of Exp. < 1 year
DTP3	45	45 % of Exp. < 1 year
OPV3	45	45 % of Exp. < 1 year
Measles	59	59 % of Exp. < 1 year
Fully Immunized Children	66	66 % of Exp. < 1 year

ANNMGMT. FRX

C:\FOXPRO2\HID\MONTHLY\ANNMGMT.FRX Last updated: 03/23/93 at 9:19

Report Contents

No.	Field	Length	Row	Column
1	DATE()	8	1	0
2	monthrpt.rpt_year	2	1	76
3	_PAGENO	4	1	116
4	TRIM(institut.inst_name)+", "+TRIM(institut.village)+" ("+" ID No. "+monthrpt.inst_id+")"	64	4	0
5	district.dist_name	25	5	9
6	monthrpt.ca_pop	7	5	61
7	monthrpt.rpt_id	10	7	7
8	no_rpts	4	8	48
9	round(no_rpts/12*100,0)	4	8	64
10	" **"	10	8	87
11	round(monthrpt.ca_pop/300*no_rpts,0)	5	10	39
12	monthrpt.birth_reg	4	11	40
13	ROUND(tot_birth/(monthrpt.ca_pop/300*no_rpts)*100,0)	4	11	46
14	new_tot	7	14	37
15	monthrpt.old_cases	5	15	39
16	monthrpt.nc_m_lt1+ monthrpt.nc_m_lt5+ monthrpt.nc_m_lt15+ monthrpt.nc_m_lt45+ monthrpt.nc_m_gt45+ monthrpt.nc_f_lt1+ monthrpt.nc_f_lt5+ monthrpt.nc_f_lt15+ monthrpt.nc_f_lt45+ monthrpt.nc_f_gt45+ monthrpt.old_cases	7	16	37
17	monthrpt.referred	3	17	41
18	round(pct_ref,0)	4	17	46
19	REPLICATE("_",iif(min_ref-1<1,0,min_ref-1))+"■"+REPLICATE("■",max_ref-min_ref-1)+"■"+REPLICATE("_",9-max_ref)	10	17	85
20	monthrpt.fback_ref	3	18	41
21	round(pct_fback,0)	4	18	46
22	REPLICATE(" ",iif(round(pct_ref/10,0)-1<0,0,round(pct_ref/10,0)-1))+"**"	10	18	85
23	monthrpt.tb_new	3	21	41
24	monthrpt.tb_dischgd	3	22	41
25	monthrpt.tb_default	3	23	41
26	iif(t_tbdisc=0,0,round(t_tbdeflt/t_tbdisc*100,0))	4	23	46
27	REPLICATE("_",iif(min_deflt-1<1,0,min_deflt-1))+"■"+REPLICATE("■",iif(max_deflt-min_deflt-1<1,0,max_deflt-min_deflt-1))+"■"+REPLICATE("_",9-max_deflt)	10	23	85
28	REPLICATE(" ",iif(t_tbdisc=0,0,iif(round(t_tbdeflt/ t_tbdisc*10,0)-1<0,0,round(t_tbdeflt/ t_tbdisc*10,0)-1)))+"**"	10	24	85
29	round(exp_preg,0)	4	27	40
30	monthrpt.pn_new_reg	4	28	40
31	round(pct_newreg,0)	4	28	46
32	monthrpt.pn_new_1st	4	29	40
33	iif(tpn_newreg=0,0,round(tpn_new_1/ tpn_newreg*100,0))	4	29	46
34	REPLICATE("_",iif(min_pnreg-1<1,0,min_pnreg-1))+"■"+REPLICATE("■",iif(max_pnreg-min_pnreg-1<1,0,max_pnreg-min_pnreg-1))+"■"+REPLICATE("_",9-max_pnreg)	10	29	85
35	REPLICATE(" ",iif(tpn_newreg=0,0,iif(round(tpn_new_1/ tpn_newreg*10,0)-1<0,0,round(tpn_new_1/ tpn_newreg*10,0)-1)))+"**"	10	30	85
36	round(exp_del,0)	4	31	40
37	monthrpt.dlv_total	3	32	41
38	iif(exp_del=0,0,round(t_deliv/exp_	4	32	46

	del*100,0))			
39	monthrpt.dlv_trnd	3	33	41
40	iif(t_deliv=0,0,round(t_deltrn/t_deliv*100,0))	4	33	46
41	REPLICATE("_",iif(min_trnd-1<1,0,min_trnd-1))+"■"+REPLICATE("■",iif(max_trnd-min_trnd-1<1,0,max_trnd-min_trnd-1))+"■"+REPLICATE("_",9-max_trnd)	10	33	85
42	monthrpt.mat_deaths	2	34	42
43	REPLICATE(" ",iif(exp_del=0,0,iif(round(t_deltrn/exp_del*10,0)-1<0,0,round(t_deltrn/exp_del*10,0)-1)))+"**"	10	34	85
44	monthrpt.ct_mal_tot+ monthrpt.ct_fem_tot	4	36	40
45	monthrpt.ct_mal_tot	3	37	41
46	monthrpt.ct_fem_tot	3	38	41
47	monthrpt.ct_referal	2	39	42
48	exp_under1	4	42	40
49	monthrpt.gm_new_lt1	4	44	40
50	iif(exp_under1=0,0,round(t_gmlt1/exp_under1*100,0))	4	44	46
51	vacflat.bcg_1	4	46	40
52	iif(exp_under1=0,0,round(t_bcg1/exp_under1*100,0))	4	46	46
53	vacflat.dtp3_1	4	47	40
54	iif(exp_under1=0,0,round(t_dtp31/exp_under1*100,0))	4	47	46
55	vacflat.opv3_1	4	48	40
56	iif(exp_under1=0,0,round(t_opv31/exp_under1*100,0))	4	48	46
57	vacflat.meas_1	4	49	40
58	iif(exp_under1=0,0,round(t_meas/exp_under1*100,0))	4	49	46
59	vacflat.full_im1	4	50	40
60	iif(exp_under1=0,0,round(t_fulimun/exp_under1*100,0))	4	50	46

		381		
		=====		

Health Management Information System for First Level Care Facilities

LOG BOOK FOR MONTHLY REPORTS (OS1)

PUNJAB

Year: 93

√= Report correct and data entry complete
E= Errors in report, sent for corrections

District: D. G. KHAN

Division: D. G. KHAN

Inst No	Institution Name	Tehsil/ Taluka	MONTHS												TOTAL RPTS. RECD.
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
121001	BHU, AALI WALA	D. G. KHAN	√	√	√										3
121002	BHU, BAKHAR WAH	D. G. KHAN	√	√	√										3
121003	BHU, BASTI JAM	D. G. KHAN		√											1
121004	BHU, BAWATA	D. G. KHAN		√	√										2
121006	BHU, CHOTI BALA	D. G. KHAN	E	√											2
121010	BHU, KALA	D. G. KHAN		√											1
121011	BHU, KHAKHI	D. G. KHAN	√												1
121013	BHU, KOT HAIBAT	D. G. KHAN		√											1
121014	BHU, KOT MUBARIK	D. G. KHAN			√										1
121015	BHU, LAKHA	D. G. KHAN	√	√	√										3
121025	BHU, SAMINA	D. G. KHAN		√											1
District Total:			12	13	5	0	0	0	0	0	0	0	0	0	19

Selection criterion RPT_YR = "93"

YEARLOG.FRX

Report Contents

No.	Field	Length	Row	Column
1	DATE()	10	1	0
2	_pageno	4	1	96
3	province.prov_name	11	4	31
4	monthrpt.rpt_year	2	4	63
5	district.dist_name	20	10	11
6	"Division: "+division.div_name	32	10	47
7	institut.inst_id	6	19	1
8	trim(institut.inst_name)+iif(institut.village<>space(len(institut.village)), ", "+institut.village, "")	24	19	9
9	tehsil.tehs_name	10	19	34
10	IIF(val(monthrpt.rpt_year)<>r_year,0,IIF(monthrpt.rpt_month="01",iif(monthrpt.rec_status="E",1,2),0))	1	19	46
11	IIF(val(monthrpt.rpt_year)<>r_year,0,IIF(monthrpt.rpt_month="02",iif(monthrpt.rec_status="E",1,2),0))	1	19	50
12	IIF(val(monthrpt.rpt_year)<>r_year,0,IIF(monthrpt.rpt_month="03",iif(monthrpt.rec_status="E",1,2),0))	1	19	54
13	IIF(val(monthrpt.rpt_year)<>r_year,0,IIF(monthrpt.rpt_month="04",iif(monthrpt.rec_status="E",1,2),0))	1	19	58
14	IIF(val(monthrpt.rpt_year)<>r_year,0,IIF(monthrpt.rpt_month="05",iif(monthrpt.rec_status="E",1,2),0))	1	19	62
15	IIF(val(monthrpt.rpt_year)<>r_year,0,IIF(monthrpt.rpt_month="06",iif(monthrpt.rec_status="E",1,2),0))	1	19	66
16	IIF(val(monthrpt.rpt_year)<>r_year,0,IIF(monthrpt.rpt_month="07",iif(monthrpt.rec_status="E",1,2),0))	1	19	70
17	IIF(val(monthrpt.rpt_year)<>r_year,0,IIF(monthrpt.rpt_month="08",iif(monthrpt.rec_status="E",1,2),0))	1	19	74
18	IIF(val(monthrpt.rpt_year)<>r_year,0,IIF(monthrpt.rpt_month="09",iif(monthrpt.rec_status="E",1,2),0))	1	19	78
19	IIF(val(monthrpt.rpt_year)<>r_year,0,IIF(monthrpt.rpt_month="10",iif(monthrpt.rec_status="E",1,2),0))	1	19	82
20	IIF(val(monthrpt.rpt_year)<>r_year,0,IIF(monthrpt.rpt_month="11",iif(monthrpt.rec_status="E",1,2),0))	1	19	86
21	IIF(val(monthrpt.rpt_year)<>r_year,0,IIF(monthrpt.rpt_month="12",iif(monthrpt.rec_status="E",1,2),0))	1	19	90
22	institut.inst_id	6	21	1
23	trim(institut.inst_name)+iif(institut.village<>space(len(institut.village)), ", "+institut.village, "")	24	21	9
24	tehsil.tehs_name	10	21	34
25	iif(jan=0," ",iif(jan=1,"E","√"))	1	21	46
26	iif(feb=0," ",IIF(feb=1,"E","√"))	1	21	50
27	iif(mar=0," ",IIF(mar=1,"E","√"))	1	21	54
28	iif(apr=0," ",IIF(apr=1,"E","√"))	1	21	58
29	iif(may=0," ",IIF(may=1,"E","√"))	1	21	62
30	iif(jun=0," ",IIF(jun=1,"E","√"))	1	21	66
31	iif(jul=0," ",IIF(jul=1,"E","√"))	1	21	70
32	iif(aug=0," ",IIF(aug=1,"E","√"))	1	21	74
33	iif(sep=0," ",IIF(sep=1,"E","√"))	1	21	78
34	iif(oct=0," ",IIF(oct=1,"E","√"))	1	21	82
35	iif(nov=0," ",IIF(nov=1,"E","√"))	1	21	86
36	iif(dec=0," ",IIF(dec=1,"E","√"))	1	21	90
37	monthrpt.rpt_id	2	21	95
38	jant	3	23	45
39	febt	3	23	49

40	mart	3	23	53
41	APRT	3	23	57
42	MAYT	3	23	61
43	JUNT	3	23	65
44	JULT	3	23	69
45	AUGT	3	23	73
46	SEPT	3	23	77
47	OCTT	3	23	81
48	NOVT	3	23	85
49	DECT	3	23	89
50	monthrpt.rpt_id	4	23	93

		225		
		=====		

CURATIVE CARE

QUARTER: YEAR: 93

				Referrals		Diarrhoea <5		ARI < 5		Tuberculosis		
ID #	Health Institution	No of Rpts.	Avg NC Per day	% of NC	% Fback Recd.	Severe Cases	% of NC <5	Pneumon Cases	% of NC <5	Dischgd.	Defaulters No.	Defaulters % of Dischged.
District: D. G. KHAN												
121001	BHU, AALI WALA	3	25.0	14%	9%	13	10%	34	35%*	8	5	63%*
121002	BHU, BAKHAR WAH	3	39.6	20%	33%	10	6%	67	39%*	15	9	60%*
121003	BHU, BASTI JAM	1	38.2	8%	35%	2	4%	30	41%*	2	0	0%
121004	BHU, BAWATA	2	5.3*	9%	10%	1	6%	7	44%*	0	0	0%
121006	BHU, CHOTI BALA	2	0.3*	75%*	17%	1	17%*	3	100%*	0	0	0%
121010	BHU, KALA	1	4.8*	3%*	50%	0	0%	0	0%	0	0	0%
121011	BHU, KHAKHI	1	8.4*	6%	17%	0	0%	0	0%	0	0	0%
121013	BHU, KOT HAIBAT	1	5.8*	3%*	20%	1	4%	4	80%*	0	0	0%
121014	BHU, KOT MUBARIK	1	38.2	8%	35%	2	4%	44	59%*	2	0	0%
121015	BHU, LAKHA	3	17.0	13%	13%	7	11%*	23	29%	2	1	50%
121025	BHU, SAMINA	1	31.2	4%*	14%	20	13%*	0	0%	6	2	33%

CURQRT.FRX

* Signifies extreme values <10 >100 <5% >20% >10% >30% >50%

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Report Contents

No.	Field	Length	Row	Column
1	DATE()	8	0	0
2	_PAGENO	4	0	119
3	MONTHRPT.RPT_YEAR	2	3	74
4	district.dist_name	25	13	11
5	monthrpt.inst_id	6	16	1
6	trim(institut.inst_name)+", "+ institut.village	30	16	8
7	monthrpt.nc_m_lt1+ monthrpt.nc_m_lt5 +monthrpt.nc_m_lt15+ monthrpt.nc_m_lt45+ monthrpt.nc_m_gt45+ monthrpt.nc_f_lt1+ monthrpt.nc_f_lt5+ monthrpt.nc_f_lt15+ monthrpt.nc_f_lt45+ monthrpt.nc_f_gt45	5	16	44
8	monthrpt.dr_101_2	3	16	71
9	monthrpt.ari_103_1+ monthrpt.ari_103_2+ monthrpt.ari_103_3	5	16	85
10	monthrpt.tb_dischgd	2	16	103
11	monthrpt.tb_default	2	16	110
12	monthrpt.inst_id	6	17	1
13	trim(institut.inst_name)+", "+ institut.village	30	17	8
14	num_rpts	2	17	39
15	Round(avg_nc,1)	5	17	44
16	iif(avg_nc<10,"*",iif(avg_nc>100,"**",""))	1	17	49
17	iif(tot_nc=0,0,round(no_ref/tot_nc*100,0))	3	17	54
18	iif(no_ref=0,"",iif(no_ref/tot_nc*100<5,"*",iif(no_ref/tot_nc*100>20,"**","")))	1	17	58
19	iif(no_ref=0,0,round(fb_ref/no_ref*100,0))	3	17	62
20	t_diar2	5	17	69
21	iif(t_diarall=0,0,round(t_diar2/t_diarall*100,0))	3	17	78
22	iif(iif(t_diarall=0,0,t_diar2/t_diarall*100)>10,"*","")	1	17	82
23	t_ari	5	17	85
24	iif(t_ariall=0,0,round(t_ari/t_ariall*100,0))	3	17	93
25	iif(iif(t_ariall=0,0,t_ari/t_ariall*100)>30,"*","")	1	17	97
26	t_tbdisc	4	17	101
27	t_tbdeflt	3	17	109
28	iif(t_tbdisc=0,0,round(t_tbdeflt/t_tbdisc*100,0))	3	17	116
29	iif(iif(t_tbdisc=0,0,t_tbdeflt/t_tbdisc*100)>50,"*","")	1	17	120
		172		

QUARTERLY MANAGEMENT REPORT (DS3)
PREVENTIVE CARE FOR CHILDREN

QUARTER: YEAR: 93

District: D. G. KHAN

ID No	Health Institution	No. of Rpts.	Target Pop. <1 Yr	GROWTH MONIT. Newly Regist. <1 Year N	% of exp.	VACCINATIONS AGES 0- 11 MONTHS BCG N	% of exp.	DTP1 N	% of exp.	DTP3 N	DTP3% / DTP1	OPV1 N	% of exp.	OPV3 N	OPV3% / OPV1	Measles N	% of exp.
121001	BHU, AALI WALA	3	31	93	298%	74	237%	79	253%	45	57%*	71	227%	45	63%*	59	189%
121002	BHU, BAKHAR WAH	3	63	120	192%	97	155%	131	210%	71	54%*	111	178%	81	73%	88	141%
121003	BHU, BASTI JAM	1	78	42	54%*	30	38%*	45	58%*	24	53%*	42	54%*	15	36%*	34	44%*
121004	BHU, BAWATA	2	19	0	0%*	10	53%*	12	64%*	5	42%*	8	43%*	5	63%*	8	43%*
121006	BHU, CHOTI BALA	2	0	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*
121010	BHU, KALA	1	63	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*
121011	BHU, KHAKHI	1	109	2	2%*	4	4%*	4	4%*	4	100%	4	4%*	4	100%	0	0%*
121013	BHU, KOT HAIBAT	1	33	18	55%*	13	40%*	10	30%*	5	50%*	13	40%*	10	77%	8	24%*
121014	BHU, KOT MUBARIK	1	77	42	55%*	30	39%*	45	59%*	24	53%*	42	55%*	15	36%*	34	44%*
121015	BHU, LAKHA	3	69	95	138%	102	148%	104	151%	87	84%	23	33%*	15	65%*	29	42%*
121025	BHU, SAMINA	1	56	75	133%	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*	0	0%*

CHLDQRT.FRX

* Signifies extreme values <70% of expected.

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Report Contents

No.	Field	Length	Row	Column
1	DATE()	8	0	0
2	_PAGENO	4	0	125
3	monthrpt.rpt_year	2	3	77
4	district.dist_name	25	14	11
5	monthrpt.inst_id	6	17	1
6	trim(institut.inst_name)+", "+ institut.village	30	17	8
7	monthrpt.nc_m_lt1+ monthrpt.nc_m_lt5 +monthrpt.nc_m_lt15+ monthrpt.nc_m_lt45+ monthrpt.nc_m_gt45+ monthrpt.nc_f_lt1+ monthrpt.nc_f_lt5+ monthrpt.nc_f_lt15+ monthrpt.nc_f_lt45+ monthrpt.nc_f_gt45	5	17	44
8	monthrpt.inst_id	6	18	1
9	trim(institut.inst_name)+", "+ institut.village	30	18	8
10	num_rpts	2	18	39
11	round(targ_pop,0)	5	18	45
12	t_grmonit,0	4	18	53
13	IIF(targ_pop=0,0,round(t_grmonit/targ_pop*100,0))	3	18	59
14	iif(IIF(targ_pop=0,0,round(t_grmonit/targ_pop*100,0))<70,"**","")	1	18	63
15	t_bcg	4	18	66
16	iif(targ_pop=0,0, round(t_bcg/ targ_pop*100,0))	3	18	71
17	iif(iif(targ_pop=0,0, round(t_bcg / targ_pop*100,0))<70,"**","")	1	18	75
18	t_dtp	3	18	78
19	iif(targ_pop=0,0, round(t_dtp/ targ_pop*100,0))	3	18	82
20	iif(iif(targ_pop=0,0, round(t_dtp / targ_pop*100,0))<70,"**","")	1	18	86
21	t_dtp3	3	18	89
22	iif(t_dtp=0,0, round(t_dtp3/ t_dtp*100,0))	3	18	93
23	iif(iif(t_dtp=0,0, round(t_dtp3/ t_dtp*100,0))<70,"**"," ")	1	18	97
24	t_opv1	3	18	100
25	iif(targ_pop=0,0, round(t_opv1/ targ_pop*100,0))	3	18	104
26	iif(iif(targ_pop=0,0, round(t_opv1/ targ_pop*100,0))<70,"**","")	1	18	108
27	t_opv3	3	18	111
28	iif(t_opv1=0,0, round(t_opv3/ t_opv1*100,0))	3	18	115
29	iif(iif(t_opv1=0,0, round(t_opv3/ t_opv1*100,0))<70,"**","")	1	18	119
30	t_meas	3	18	121
31	iif(targ_pop=0,0, round(t_meas/ targ_pop*100,0))	3	18	125
32	iif(iif(targ_pop=0,0, round(t_meas/ targ_pop*100,0))<70,"**","")	1	18	129
		174		

QUARTERLY MANAGEMENT REPORT (DS4)
PREVENTIVE CARE FOR MOTHERS

QUARTER: YEAR: 93

			Prenatal			Deliveries			Postnatal	Family Planning	
ID No.	Health Institution	No. of Rpts.	Target Pop.	No. of New Reg	% of Exp. Pregn.	Target Pop.	No. by Trained Persons	% of Exp. Deliv.	% of prev. mnth. deliv. with >=1 Postnat. visits	Total Visits	% New Clients
District: D. G. KHAN											
121001	BHU, AALI WALA	3	111	63	57%*	100	27	219%	29%*	42	60%
121002	BHU, BAKHAR WAH	3	222	131	59%*	200	25	101%	33%*	49	73%
121003	BHU, BASTI JAM	1	93	38	41%*	83	15	16%*	41%*	20	60%
121004	BHU, BAWATA	2	44	0	0%*	40	0	0%*	0%*	0	0%
121006	BHU, CHOTI BALA	2	0	0	0%*	0	0	0%*	0%*	0	0%
121010	BHU, KALA	1	74	0	0%*	67	0	0%*	0%*	0	0%
121011	BHU, KHAKHI	1	130	22	17%*	117	9	7%*	100%	4	50%
121013	BHU, KOT HAIBAT	1	39	13	33%*	35	6	15%*	11%*	5	40%
121014	BHU, KOT MUBARIK	1	91	38	42%*	82	15	17%*	41%*	20	60%
121015	BHU, LAKHA	3	244	15	6%*	220	15	55%*	14%*	17	29%
121025	BHU, SAMINA	1	67	6	9%*	60	15	23%*	83%	0	0%

MOTHQRT.FRX

* Signifies low values < 70 of target.

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Report Contents

No.	Field	Length	Row	Column
1	DATE()	8	0	0
2	_PAGENO	4	0	125
3	MONTHRPT.RPT_YEAR	2	3	82
4	district.dist_name	25	13	11
5	monthrpt.inst_id	6	16	1
6	trim(institut.inst_name)+", "+ institut.village	30	16	8
7	monthrpt.nc_m_lt1+ monthrpt.nc_m_lt5 +monthrpt.nc_m_lt15+ monthrpt.nc_m_lt45+ monthrpt.nc_m_gt45+ monthrpt.nc_f_lt1+ monthrpt.nc_f_lt5+ monthrpt.nc_f_lt15+ monthrpt.nc_f_lt45+ monthrpt.nc_f_gt45	5	16	55
8	monthrpt.inst_id	6	17	1
9	trim(institut.inst_name)+", "+ institut.village	30	17	8
10	num_rpts	2	17	40
11	round(monthrpt.ca_pop/270* num_rpts,0)	5	17	46
12	t_prn_new	5	17	55
13	iif(monthrpt.ca_pop=0,0,round(t_prn_new/ (monthrpt.ca_pop/(270/num_rpts))*100,0))	3	17	64
14	iif(iif(monthrpt.ca_pop=0,0,round(t_prn_new/ (monthrpt.ca_pop/(270/num_rpts))*100,0))<pct_target,"**"," ")	1	17	68
15	round(monthrpt.ca_pop/300* num_rpts,0)	5	17	72
16	t_del_trnd	4	17	83
17	iif(monthrpt.ca_pop=0,0,round(t_del_trnd/ (monthrpt.ca_pop/270/num_rpts)*100,0))	3	17	91
18	iif(iif(monthrpt.ca_pop=0,0,round(t_del_trnd/ (monthrpt.ca_pop/270/num_rpts)*100,0))<pct_target,"**","")	1	17	95
19	iif(t_pstn_emd=0,0,round(t_pstn_gt1/ t_pstn_emd*100,1))	3	17	104
20	iif(iif(t_pstn_emd=0,0,round(t_pstn_gt1/ t_pstn_emd*100,1))<pct_target,"**","")	1	17	108
21	monthrpt.ct_new_tot+ monthrpt.ct_old_tot	5	17	115
22	iif(t_ct_new+t_ct_old=0,0,round(t_ct_new/(t_ct_new+t_ct_old)*100,0))	3	17	125
23	pct_target	3	21	26
		160		

QUARTER: YEAR: 93

DISTRICT: D. G. KHAN

NUMBER OF INSTITUTIONS REPORTING: NUMBER OF REPORTS: 23

CHILDHOOD IMMUNIZATIONS: AGE GROUPS

Vaccination type	0-11 months	12-23 months	2 years & over	Total
1. BCG	360	282	100	742
2. DTP-1	430	339		769
3. DTP-2	330	269		599
4. DTP-3	265	6915		7180
5. DTP Booster			59	59
6. OPV-Zero	119			119
7. OPV-1	314	282	13	609
8. OPV-2	239	200	8	447
9. OPV-3	190	158	4	352
10. OPV Booster		57	71	128
11. DT-1	0	46	17	63
12. DT-2	4	24	23	51
13. DT Booster		0	57	57
14. Measles	260	238	66	564
15. Fully Immunized Children	263	221	98	582

TETANUS TOXOID VACCINATIONS: DOSE

Target Group	TT-I	TT-II	TT-III	TT-IV	TT-V
16. Pregnant Women	479	256	178	36	5
17. Child Bearing Women	195	169	102	23	14
TOTALS	674	425	280	41	19

VACCINE STOCK POSITIONS:

Vaccine	Vaccines Received	Issued For Care	Issued Discarded
BCG	1065	805	8
DTP	1645	1505	8
OPV	1395	1635	8
DT	710	745	0
MEASLES	680	790	3
TT	1345	1455	103

VACRPT.FRX

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Report Contents

No.	Field	Length	Row	Column
1	DATE()	8	0	0
2	_PAGENO	4	0	75
3	vacflat.opv_0	5	66	32
4	vacflat.opv1_1	5	67	32
5	vacflat.opv1_2	5	67	45
6	vacflat.opv1_gt2	5	67	60
7	vacflat.opv2_1	5	68	32
8	vacflat.opv2_2	5	68	45
9	vacflat.opv2_gt2	5	68	60
10	vacflat.opv3_1	5	69	32
11	vacflat.opv3_2	5	69	45
12	vacflat.opv3_gt2	5	69	60
13	vacflat.opvb_2	5	70	45
14	vacflat.opvb_gt2	5	70	60
15	vacflat.dt1_1	5	71	32
16	vacflat.dt1_2	5	71	45
17	vacflat.dt1_gt2	5	71	60
18	vacflat.dt2_1	5	72	32
19	vacflat.dt2_2	5	72	45
20	vacflat.dt2_gt2	5	72	60
21	vacflat.dtb_2	5	73	45
22	vacflat.dtb_gt2	5	73	60
23	vacflat.meas_1	5	74	32
24	vacflat.meas_2	5	74	45
25	vacflat.meas_gt2	5	74	60
26	vacflat.full_im1	5	75	32
27	vacflat.full_im2	5	75	45
28	vacflat.full_imgt2	5	75	60
29	vacflat.tt_prg_i	4	81	26
30	vacflat.tt_prg_ii	4	81	38
31	vacflat.tt_prg_iii	4	81	50
32	vacflat.tt_prg_iv	4	81	63
33	vacflat.tt_prg_v	4	81	74
34	vacflat.tt_cba_i	4	82	26
35	vacflat.tt_cba_ii	4	82	38
36	vacflat.tt_cba_iii	4	82	50
37	vacflat.tt_cba_iv	4	82	63
38	vacflat.tt_cba_v	4	82	74
39	vacflat.bcg_1	4	19	32
40	vacflat.bcg_2	4	19	45
41	vacflat.bcg_gt2	4	19	60
42	vacflat.bcg_1+ vacflat.bcg_2+ vacflat.bcg_gt2	6	19	73
43	vacflat.dtp1_1	4	20	32
44	vacflat.dtp1_2	4	20	45
45	vacflat.dtp1_1+ vacflat.dtp1_2	6	20	73
46	vacflat.dtp2_1	4	21	32
47	vacflat.dtp2_2	4	21	45
48	vacflat.dtp2_1+ vacflat.dtp2_2	6	21	73
49	vacflat.dtp3_1	4	22	32
50	vacflat.dtp3_2	4	22	45
51	vacflat.dtp3_1+ vacflat.dtp3_2	6	22	73
52	vacflat.dtpb_2	4	23	60
53	vacflat.dtpb_2	6	23	73
54	vacflat.opv_0	4	24	32
55	vacflat.opv1_1	4	25	32
56	vacflat.opv1_2	4	25	45
57	vacflat.opv1_gt2	4	25	60
58	vacflat.opv2_1	4	26	32
59	vacflat.opv2_2	4	26	45
60	vacflat.opv2_gt2	4	26	60
61	vacflat.opv3_1	4	27	32
62	vacflat.opv3_2	4	27	45
63	vacflat.opv3_gt2	4	27	60
64	vacflat.opvb_2	4	28	45
65	vacflat.opvb_gt2	4	28	60
66	vacflat.dt1_1	4	29	32
67	vacflat.dt1_2	4	29	45
68	vacflat.dt1_gt2	4	29	60

69	vacflat.dt2_1	4	30	32
70	vacflat.dt2_2	4	30	45
71	vacflat.dt2_gt2	4	30	60
72	vacflat.dtb_2	4	31	45
73	vacflat.dtb_gt2	4	31	60
74	vacflat.meas_1	4	32	32
75	vacflat.meas_2	4	32	45
76	vacflat.meas_gt2	4	32	60
77	vacflat.full_im1	4	33	32
78	vacflat.full_im2	4	33	45
79	vacflat.full_imgt2	4	33	60
80	vacflat.tt_prg_i	3	37	26
81	vacflat.tt_prg_ii	3	37	36
82	vacflat.tt_prg_iii	3	37	45
83	vacflat.tt_prg_iv	3	37	55
84	vacflat.tt_prg_v	3	37	64
85	vacflat.tt_cba_i	3	38	26
86	vacflat.tt_cba_ii	3	38	36
87	vacflat.tt_cba_iii	3	38	45
88	vacflat.tt_cba_iv	3	38	55
89	vacflat.tt_cba_v	3	38	64
90	NUM_RPTS	3	55	65
91	vacflat.bcg_1	5	61	32
92	vacflat.bcg_2	5	61	45
93	vacflat.bcg_gt2	5	61	60
94	vacflat.dtp1_1	5	62	32
95	vacflat.dtp1_2	5	62	45
96	vacflat.dtp2_1	5	63	32
97	vacflat.dtp2_2	5	63	45
98	vacflat.dtp3_1	5	64	32
99	vacflat.dtp3_2	5	64	45
100	vacflat.dtpb_2	5	65	60

		439		
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EPIDEMIC DISEASES REPORT

QUARTER: YEAR: 93

			NUMBER OF CASES OF EPIDEMIC DISEASES			
ID No.	Health Institution	No. of Rpts.	Cholera	Meningococcal Meningitis	Poliomyelitis	Measles
District: D. G. KHAN						
121001	BHU, AALI WALA	3	7	2	3	20
121002	BHU, BAKHAR WAH	3	0	1	4	42
121003	BHU, BASTI JAM	1	2	1	3	8
121004	BHU, BAWATA	2	6	5	2	6
121006	BHU, CHOTI BALA	2	0	0	0	0
121010	BHU, KALA	1	6	6	6	0
121011	BHU, KHAKHI	1	9	9	11	12
121013	BHU, KOT HAIBAT	1	0	0	0	0
121014	BHU, KOT MUBARIK	1	2	1	3	8
121015	BHU, LAKHA	3	25	24	24	41
121025	BHU, SAMINA	1	10	15	15	10
District total:		30	67	64	71	147

EPIDIS.RRX

34

C:\FOXPRO2\HID\MONTHLY\EPIDIS.FRX Last updated: 03/23/93 at 2:23

Report Contents

No.	Field	Length	Row	Column
1	DATE()	8	0	0
2	_PAGENO	4	0	99
3	MONTHRPT.RPT_YEAR	2	3	69
4	district.dist_name	25	12	11
5	monthrpt.inst_id	6	15	1
6	trim(institut.inst_name)+", "+ institut.village	30	15	8
7	monthrpt.inst_id	6	16	1
8	trim(institut.inst_name)+", "+ institut.village	30	16	8
9	num_rpts	2	16	42
10	monthrpt.d106_1+ monthrpt.d106_4+ monthrpt.d106_gt5	6	16	48
11	monthrpt.d107_1+ monthrpt.d107_4+ monthrpt.d107_gt5	6	16	62
12	monthrpt.d108_1+ monthrpt.d108_4+ monthrpt.d108_gt5	6	16	78
13	monthrpt.d109_1+ monthrpt.d109_4+ monthrpt.d109_gt5	6	16	93
14	num_rpts	4	18	40
15	monthrpt.d106_1+ monthrpt.d106_4+ monthrpt.d106_gt5	6	18	48
16	monthrpt.d107_1+ monthrpt.d107_4+ monthrpt.d107_gt5	6	18	62
17	monthrpt.d108_1+ monthrpt.d108_4+ monthrpt.d108_gt5	6	18	78
18	monthrpt.d109_1+ monthrpt.d109_4+ monthrpt.d109_gt5	6	18	93
		165		

QUARTERLY MANAGEMENT REPORT (DS7)
PRIORITY DISEASES REPORT

QUARTER: YEAR: 93

District: D. G. KHAN

Number of Institutions Reporting: Total Number of Reports: 30

HEALTH PROBLEMS (Priority Diseases):	NUMBER OF CASES BY AGE GROUP				Percent of Total NC
Disease or Health Problem	Under 1	1 to 4	5 and over	Total	NC= 9573
101. Diarrhoea	166	425	186	777	8.1%
102. Dysentery	39	89	150	278	2.9%
103. Acute Respiratory Infections	195	344	410	949	9.9%
104. Fever (Clinical Malaria)	51	171	209	431	4.5%
105. Cough more than 2 weeks	24	24	204	252	2.6%
106. Suspected Cholera	14	23	30	67	0.7%
107. Suspected Meningococcal Meningitis	17	23	24	64	0.7%
108. Poliomyelitis	19	28	24	71	0.7%
109. Measles	72	58	17	147	1.5%
110. Neonatal Tetanus	35			35	0.4%
111. Diphtheria	19	90	23	132	1.4%
112. Whooping Cough	13	18	24	55	0.6%
113. Goiter	86	18	25	129	1.3%
114. Suspected Viral Hepatitis	19	25	128	172	1.8%
115. Suspected Aids	17	12	69	98	1.0%
116. Snake bite with signs of poisoning	17	21	95	133	1.4%
117. Dog bite	18	22	24	64	0.7%
118. Scabies	17	22	59	98	1.0%
TOTALS	819	1413	1701	3933	41.1%

PRIORDIS.FRX

C:\FOXPRO2\HID\MONTHLY\PRIORDIS.FRX Last updated: 03/23/93 at 8:50

Report Contents

No.	Field	Length	Row	Column
1	DATE()	8	2	0
2	_PAGENO	4	2	99
3	MONTHRPT.RPT_YEAR	2	5	69
4	district.dist_name	25	7	48
5	monthrpt.d101_1	4	14	40
6	monthrpt.d101_4	4	14	54
7	monthrpt.d101_gt5	4	14	68
8	monthrpt.d101_1+ monthrpt.d101_4+ monthrpt.d101_gt5	6	14	80
9	monthrpt.d102_1	4	15	40
10	monthrpt.d102_4	4	15	54
11	monthrpt.d102_gt5	4	15	68
12	monthrpt.d102_1+ monthrpt.d102_4+ monthrpt.d102_gt5	6	15	80
13	monthrpt.d103_1	4	16	40
14	monthrpt.d103_4	4	16	54
15	monthrpt.d103_gt5	4	16	68
16	monthrpt.d103_1+ monthrpt.d103_4+ monthrpt.d103_gt5	6	16	80
17	monthrpt.d104_1	4	17	40
18	monthrpt.d104_4	4	17	54
19	monthrpt.d104_gt5	4	17	68
20	monthrpt.d104_1+ monthrpt.d104_4+ monthrpt.d104_gt5	6	17	80
21	monthrpt.d105_1	4	18	40
22	monthrpt.d105_4	4	18	54
23	monthrpt.d105_gt5	4	18	68
24	monthrpt.d105_1+ monthrpt.d105_4+ monthrpt.d105_gt5	6	18	80
25	monthrpt.d106_1	4	19	40
26	monthrpt.d106_4	4	19	54
27	monthrpt.d106_gt5	4	19	68
28	monthrpt.d106_1+ monthrpt.d106_4+ monthrpt.d106_gt5	6	19	80
29	monthrpt.d107_1	4	20	40
30	monthrpt.d107_4	4	20	54
31	monthrpt.d107_gt5	4	20	68
32	monthrpt.d107_1+ monthrpt.d107_4+ monthrpt.d107_gt5	6	20	80
33	monthrpt.d108_1	4	21	40
34	monthrpt.d108_4	4	21	54
35	monthrpt.d108_gt5	4	21	68
36	monthrpt.d108_1+ monthrpt.d108_4+ monthrpt.d108_gt5	6	21	80
37	monthrpt.d109_1	4	22	40
38	monthrpt.d109_4	4	22	54
39	monthrpt.d109_gt5	4	22	68
40	monthrpt.d109_1+ monthrpt.d109_4+ monthrpt.d109_gt5	6	22	80
41	monthrpt.d110_1	4	23	40
42	monthrpt.d110_1	6	23	80
43	monthrpt.d111_1	4	24	40
44	monthrpt.d111_4	4	24	54
45	monthrpt.d111_gt5	4	24	68
46	monthrpt.d111_1+ monthrpt.d111_4+ monthrpt.d111_gt5	6	24	80
47	monthrpt.d112_1	4	25	40
48	monthrpt.d112_4	4	25	54
49	monthrpt.d112_gt5	4	25	68
50	monthrpt.d112_1+ monthrpt.d112_4+ monthrpt.d112_gt5	6	25	80
51	monthrpt.d113_1	4	26	40
52	monthrpt.d113_4	4	26	54
53	monthrpt.d113_gt5	4	26	68
54	monthrpt.d113_1+ monthrpt.d113_4+ monthrpt.d113_gt5	6	26	80
55	monthrpt.d114_1	4	27	40
56	monthrpt.d114_4	4	27	54
57	monthrpt.d114_gt5	4	27	68

58	monthrpt.d114_1+ monthrpt.d114_4+ monthrpt.d114_gt5	6	27	80
59	monthrpt.d115_1	4	28	40
60	monthrpt.d115_4	4	28	54
61	monthrpt.d115_gt5	4	28	68
62	monthrpt.d115_1+ monthrpt.d115_4+ monthrpt.d115_gt5	6	28	80
63	monthrpt.d116_1	4	29	40
64	monthrpt.d116_4	4	29	54
65	monthrpt.d116_gt5	4	29	68
66	monthrpt.d116_1+ monthrpt.d116_4+ monthrpt.d116_gt5	6	29	80
67	monthrpt.d117_1	4	30	40
68	monthrpt.d117_4	4	30	54
69	monthrpt.d117_gt5	4	30	68
70	monthrpt.d117_1+ monthrpt.d117_4+ monthrpt.d117_gt5	6	30	80
71	monthrpt.d118_1	4	31	40
72	monthrpt.d118_4	4	31	54
73	monthrpt.d118_gt5	4	31	68
74	monthrpt.d118_1+ monthrpt.d118_4+ monthrpt.d118_gt5	6	31	80
75	monthrpt.d101_1	6	41	40
76	monthrpt.d101_4	6	41	54
77	monthrpt.d101_gt5	6	41	68
78	monthrpt.d102_1	6	42	40
79	monthrpt.d102_4	6	42	54
80	monthrpt.d102_gt5	6	42	68
81	monthrpt.d103_1	6	43	40
82	monthrpt.d103_4	6	43	54
83	monthrpt.d103_gt5	6	43	68
84	monthrpt.d104_1	6	44	40
85	monthrpt.d104_4	6	44	54
86	monthrpt.d104_gt5	6	44	68
87	monthrpt.d105_1	6	45	40
88	monthrpt.d105_4	6	45	54
89	monthrpt.d105_gt5	6	45	68
90	monthrpt.d106_1	6	46	40
91	monthrpt.d106_4	6	46	54
92	monthrpt.d106_gt5	6	46	68
93	monthrpt.d107_1	6	47	40
94	monthrpt.d107_4	6	47	54
95	monthrpt.d107_gt5	6	47	68
96	monthrpt.d108_1	6	48	40
97	monthrpt.d108_4	6	48	54
98	monthrpt.d108_gt5	6	48	68
99	monthrpt.d109_1	6	49	40
100	monthrpt.d109_4	6	49	54

		511		
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QUARTERLY STOCK REPORT (DS8)
ESSENTIAL DRUGS AND SUPPLIES

QUARTER: YEAR: 93

ID No	Health Institution	No. of Rpts.	DAYS OUT OF STOCK										
			ORS	Chloroq	Cotrimox	Cotrimox Syrup	Primoq.	Iron Tabs	Folic Acid	Strep-tomyc.	INH	INH +T	Ziehl-N Stain
District: D. G. KHAN													
121001	BHU, AALI WALA	3	0	24	22	44	30	5	0	30	30	40	0
121002	BHU, BAKHAR WAH	3	20	0	0	24	0	0	0	45	45	61	0
121003	BHU, BASTI JAM	1	0	7	5	0	0	0	15	0	0	0	0
121004	BHU, BAWATA	2	0	10	5	10	30	0	0	6	0	0	0
121006	BHU, CHOTI BALA	2	0	0	0	0	0	0	0	0	0	0	0
121010	BHU, KALA	1	0	0	0	0	0	0	0	0	0	0	0
121011	BHU, KHAKHI	1	0	0	0	0	0	0	0	0	0	0	0
121013	BHU, KOT HAIBAT	1	0	10	15	0	0	5	0	0	0	0	0
121014	BHU, KOT MUBARIK	1	0	7	5	0	0	0	15	0	0	0	0
121015	BHU, LAKHA	4	0	24	12	24	60	0	0	6	10	0	0
121025	BHU, SAMINA	1	0	0	0	0	0	0	0	0	0	0	0
District Totals:		34	20	82	64	102	120	10	30	87	85	101	0

DSSTOGK.FRX

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Report Contents

No.	Field	Length	Row	Column
1	DATE()	8	0	0
2	_PAGENO	4	0	103
3	MONTHRPT.RPT_YEAR	2	3	68
4	district.dist_name	25	13	11
5	institut.inst_id	6	16	0
6	trim(institut.inst_name)+", "+ trim(institut.village)	28	16	7
7	num_rpts	3	16	40
8	stkflat.s_ors_out	2	16	48
9	stkflat.s_cot_out	2	16	56
10	stkflat.s_cots_out	2	16	65
11	stkflat.s_chl_out	2	16	75
12	stkflat.s_prm_out	2	16	84
13	stkflat.s_irn_out	2	16	91
14	stkflat.s_fol_out	2	16	98
15	stkflat.s_strp_out	2	16	105
16	stkflat.s_inh_out	2	16	112
17	stkflat.s_inht_out	2	16	119
18	stkflat.s_zn_out	2	16	126
19	institut.inst_id	6	17	0
20	trim(institut.inst_name)+"; "+ trim(institut.village)	28	17	7
21	num_rpts	3	17	40
22	stkflat.s_ors_out	3	17	47
23	stkflat.s_cot_out	3	17	55
24	stkflat.s_cots_out	3	17	64
25	stkflat.s_chl_out	3	17	74
26	stkflat.s_prm_out	3	17	83
27	stkflat.s_irn_out	3	17	90
28	stkflat.s_fol_out	3	17	97
29	stkflat.s_strp_out	3	17	104
30	stkflat.s_inh_out	3	17	111
31	stkflat.s_inht_out	3	17	118
32	stkflat.s_zn_out	3	17	125
33	num_rpts	3	19	40
34	stkflat.s_ors_out	3	19	47
35	stkflat.s_cot_out	3	19	55
36	stkflat.s_cots_out	3	19	64
37	stkflat.s_chl_out	3	19	74
38	stkflat.s_prm_out	3	19	83
39	stkflat.s_irn_out	3	19	90
40	stkflat.s_fol_out	3	19	97
41	stkflat.s_strp_out	3	19	104
42	stkflat.s_inh_out	3	19	111
43	stkflat.s_inht_out	3	19	118
44	stkflat.s_zn_out	3	19	125
		204		

FAMILY PLANNING SUPPLIES

DISTRICT: D. G. KHAN

QUARTER: YEAR: 93

CONTRACEPTIVE SUPPLIES STOCK POSITION Number of Reports: 34

Contraceptive	No. of Visits	Supplies Received	Issued For Care	Issued Discarded	Balance (end of Month)	Days out of Stock
Oral Contraceptives	54	462	408	2	667	12
Condoms	37	1062	802	0	1137	2
Injectable Contraceptives	27	622	465	2	777	2
IUDs	27	150	95	0	197	0

FPSTOCK.FRX

C:\FOXPRO2\HID\MONTHLY\FPSTOCK.FRX Last updated: 03/23/93 at 9:22

Report Contents

No.	Field	Length	Row	Column
1	DATE()	8	0	0
2	_PAGENO	4	0	98
3	district.dist_name	25	7	10
4	tehsil.tehs_name	20	7	54
5	TRIM(institut.inst_name)+", "+TRIM(institut.village)+" ("+" ID No. "+monthrpt.inst_id+")"	64	9	17
6	monthrpt.rpt_year	2	11	6
7	MONTHRPT.RPT_MONTH	2	11	22
8	num_rpts	3	13	67
9	monthrpt.ct_vst_pil	3	18	29
10	stkflat.s_oc_rcd	6	18	43
11	stkflat.s_oc_care	5	18	56
12	stkflat.s_oc_disc	5	18	69
13	stkflat.s_oc_bal	6	18	81
14	stkflat.s_oc_out	2	18	97
15	monthrpt.ct_vst_cdm	3	19	29
16	stkflat.s_cdm_rcd	6	19	43
17	stkflat.s_cdm_care	5	19	56
18	stkflat.s_cdm_disc	5	19	69
19	stkflat.s_cdm_bal	6	19	81
20	stkflat.s_cdm_out	2	19	97
21	monthrpt.ct_vst_inj	3	20	29
22	stkflat.s_ic_rcd	6	20	43
23	stkflat.s_ic_care	5	20	56
24	stkflat.s_ic_disc	5	20	69
25	stkflat.s_ic_bal	6	20	81
26	stkflat.s_ic_out	2	20	97
27	monthrpt.ct_vst_iud	3	21	29
28	stkflat.s_iud_rcd	6	21	43
29	stkflat.s_iud_care	5	21	56
30	stkflat.s_iud_disc	5	21	69
31	stkflat.s_iud_bal	6	21	81
32	stkflat.s_iud_out	2	21	97
33	district.dist_name	25	25	51
34	monthrpt.rpt_year	2	27	66
35	num_rpts	3	29	67
36	monthrpt.ct_vst_pil	3	34	29
37	stkflat.s_oc_rcd	6	34	43
38	stkflat.s_oc_care	5	34	56
39	stkflat.s_oc_disc	5	34	69
40	stkflat.s_oc_bal	6	34	81
41	stkflat.s_oc_out	3	34	97
42	monthrpt.ct_vst_cdm	3	35	29
43	stkflat.s_cdm_rcd	6	35	43
44	stkflat.s_cdm_care	5	35	56
45	stkflat.s_cdm_disc	5	35	69
46	stkflat.s_cdm_bal	6	35	81
47	stkflat.s_cdm_out	3	35	97
48	monthrpt.ct_vst_inj	3	36	29
49	stkflat.s_ic_rcd	6	36	43
50	stkflat.s_ic_care	5	36	56
51	stkflat.s_ic_disc	5	36	69
52	stkflat.s_ic_bal	6	36	81
53	stkflat.s_ic_out	3	36	97
54	monthrpt.ct_vst_iud	3	37	29
55	stkflat.s_iud_rcd	6	37	43
56	stkflat.s_iud_care	5	37	56
57	stkflat.s_iud_disc	5	37	69
58	stkflat.s_iud_bal	6	37	81
59	stkflat.s_iud_out	3	37	97
		378		

QUARTERLY STOCK OUT REPORT (DS10)
VACCINES AND EPI MATERIALS

QUARTER: YEAR: 93

ID No	Health Institution	No. of Rpts.	DAYS OUT OF STOCK							
			BCG	DTP	Polio	TT	Measles	DT	Needles	Syringes
District: D. G. KHAN										
121001	BHU, AALI WALA	3	0	0	0	0	0	0	0	0
121002	BHU, BAKHAR WAH	3	0	0	0	0	0	0	0	0
121003	BHU, BASTI JAM	1	0	0	0	0	0	0	0	0
121004	BHU, BAWATA	2	2	0	2	0	2	12	2	2
121006	BHU, CHOTI BALA	2	8	3	8	2	2	2	0	0
121010	BHU, KALA	1	2	2	2	2	2	2	0	2
121011	BHU, KHAKHI	1	0	5	5	0	0	0	0	0
121013	BHU, KOT HAIBAT	1	0	0	0	0	0	0	0	0
121014	BHU, KOT MUBARIK	1	0	0	0	0	0	0	0	0
121015	BHU, LAKHA	4	8	0	0	0	0	10	0	0
121025	BHU, SAMINA	1	0	0	0	0	0	0	0	0
District Totals:		34	20	10	17	4	6	26	2	4

VACSTOCK.FRX

C:\FOXPRO2\HID\MONTHLY\VACSTOCK.FRX Last updated: 03/23/93 at 9:20

Report Contents

No.	Field	Length	Row	Column
1	DATE()	8	0	0
2	_PAGENO	4	0	103
3	MONTHRPT.RPT_YEAR	2	3	69
4	district.dist_name	25	13	11
5	institut.inst_id	6	16	0
6	trim(institut.inst_name)+", "+ trim(institut.village)	28	16	7
7	num_rpts	3	16	40
8	stkflat.s_bcg_out	3	16	49
9	stkflat.s_dtp_out	3	16	57
10	stkflat.s_pol_out	3	16	65
11	stkflat.s_tt_out	3	16	73
12	stkflat.s_mea_out	3	16	81
13	stkflat.s_dt_out	3	16	88
14	stkflat.s_ned_out	3	16	96
15	stkflat.s_syr_out	3	16	105
16	institut.inst_id	6	17	0
17	trim(institut.inst_name)+", "+ trim(institut.village)	28	17	7
18	num_rpts	3	17	40
19	stkflat.s_bcg_out	3	17	49
20	stkflat.s_dtp_out	3	17	57
21	stkflat.s_pol_out	3	17	65
22	stkflat.s_tt_out	3	17	73
23	stkflat.s_mea_out	3	17	81
24	stkflat.s_dt_out	3	17	88
25	stkflat.s_ned_out	3	17	96
26	stkflat.s_syr_out	3	17	105
27	num_rpts	3	19	40
28	stkflat.s_bcg_out	4	19	48
29	stkflat.s_dtp_out	4	19	56
30	stkflat.s_pol_out	4	19	64
31	stkflat.s_tt_out	4	19	72
32	stkflat.s_mea_out	4	19	80
33	stkflat.s_dt_out	4	19	87
34	stkflat.s_ned_out	4	19	95
35	stkflat.s_syr_out	4	19	104
		196		

Report Id: 1700079212 Error Date: 23/03/19

Errors Identified:

Section:7C. Diarrhoea
Total diarrhoea cases under 5 should be: 60.

Section:7D. Dysentery
Total dysentery cases under 5 should be: 10.

Section:7E. Acute Respiratory Infections
Total ARI cases under 5 should be: 10.

Section:7F. Malaria
Total blood slides should be: 15.

Section:7G. Tuberculosis
Total sputum smears should be: 60.

Section:7H. Immunizable Childhood Diseases
Total polio cases should be: 15.

Section:7H. Immunizable Childhood Diseases
Total measles cases should be: 10.

Section:7H. Immunizable Childhood Diseases
Total tetanus cases should be: 5.

Section:7H. Immunizable Childhood Diseases
Total diphteria cases should be: 15.

Section:7H. Immunizable Childhood Diseases
Total whooping Cough cases should be: 10.

ERRLIST.FRX

C:\FOXPRO2\HID\MONTHLY\ERRLIST.FRX Last updated: 05/04/93 at 14:39

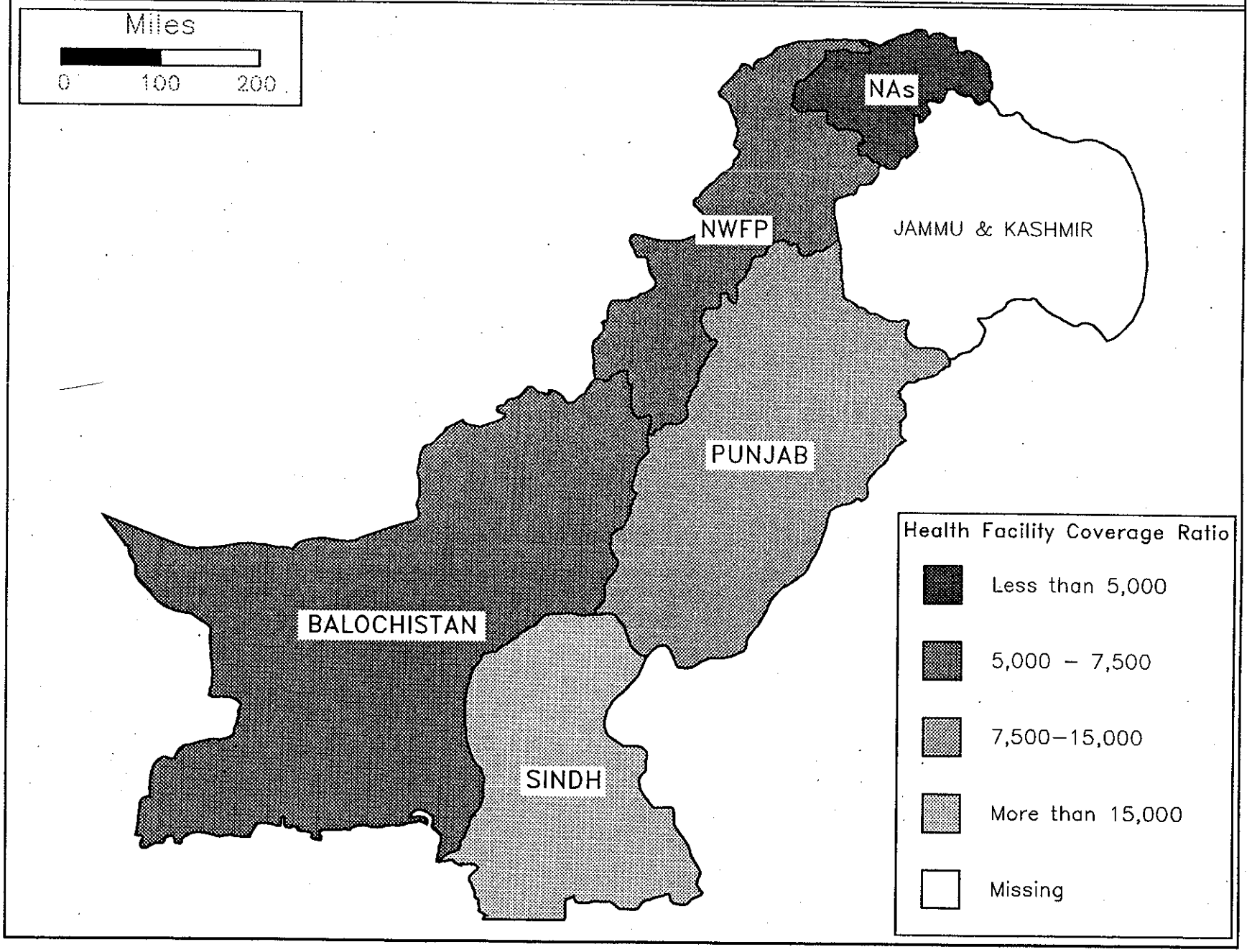
Report Contents

No.	Field	Length	Row	Column
1	DATE()	8	0	0
2	_PAGENO	4	0	63
3	err_log.rpt_id	10	3	11
4	err_log.err_date	8	3	53
5	err_log.error_msg	68	5	0
		98		

PAKINST

ANNEX IV. Sample GIS maps

PAKISTAN HMIS/FLCF
Health Facility Coverage Ratio



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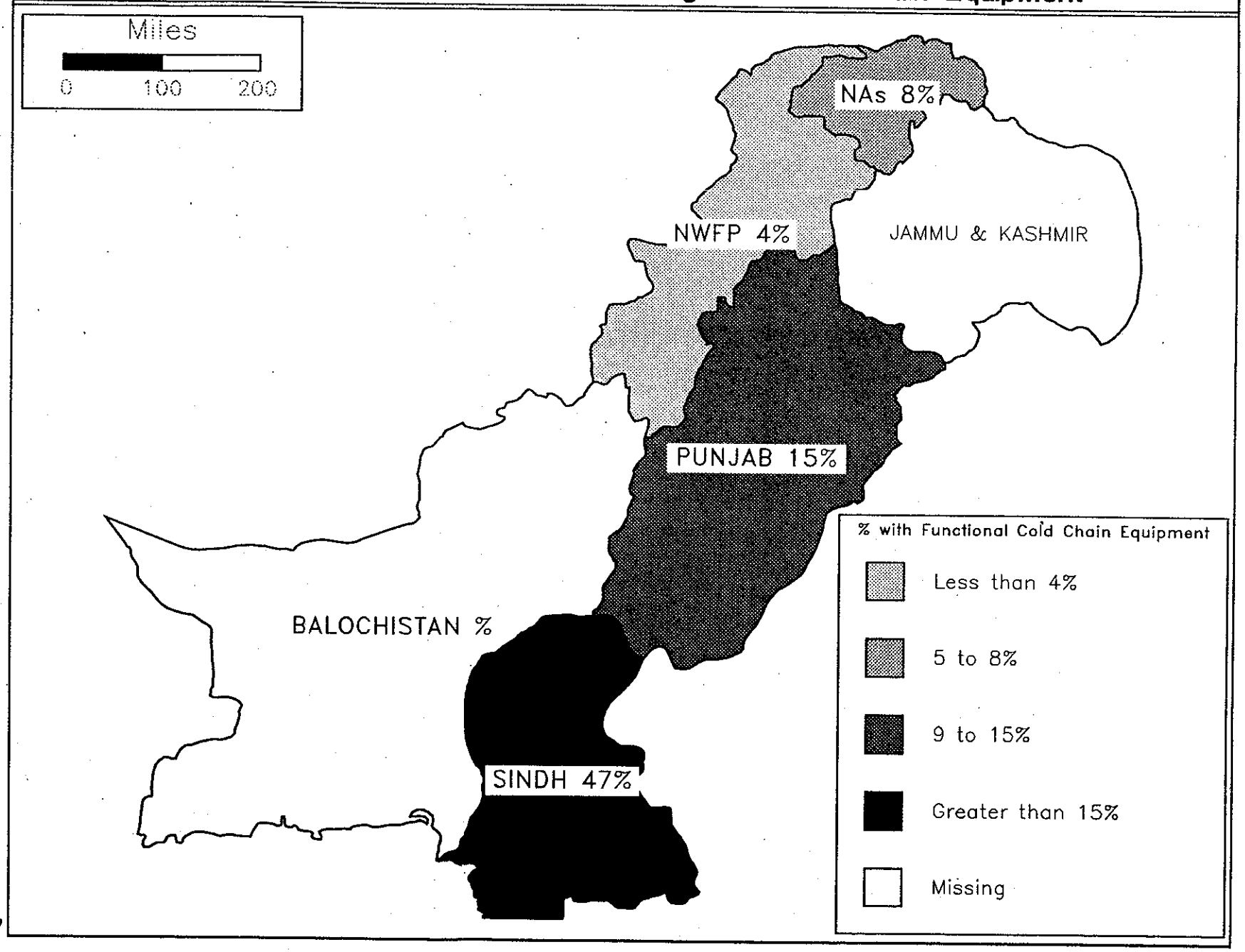
PAKISTAN HMIS/FLCF

Percent of Facilities with Functioning EPI Cold Chain Equipment

PAKEPI



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ANNEX V: Sample of Data Subset for EPI programme

1. SQL Query to create data set:

```
SELECT MONTHRPT.INST_ID, MONTHRPT.RPT_MONTH, MONTHRPT.RPT_YEAR,;
 MONTHRPT.CA_POP, MONTHRPT.POLIO_NV, MONTHRPT.POLIO_PV,;
 MONTHRPT.POLIO_FULV, MONTHRPT.POLIO_UN, MONTHRPT.MEAS_NV,;
 MONTHRPT.MEAS_PV, MONTHRPT.MEAS_FULV, MONTHRPT.MEAS_UN,;
 MONTHRPT.TETAN_NV, MONTHRPT.TETAN_PV, MONTHRPT.TETAN_FULV,;
 MONTHRPT.TETAN_UN, MONTHRPT.DIPHT_NV, MONTHRPT.DIPHT_PV,;
 MONTHRPT.DIPHT_FULV, MONTHRPT.DIPHT_UN, MONTHRPT.WHOOP_NV,;
 MONTHRPT.WHOOP_PV, MONTHRPT.WHOOP_FULV, MONTHRPT.WHOOP_UN,;
 MONTHRPT.IMMUNIZ, MONTHRPT.VAC_CA_POP, MONTHRPT.FIXED_CNT,;
 MONTHRPT.OUTRCH_CNT, MONTHRPT.MOBILE_UNT, VACFLAT.TT_PRG_I,;
 VACFLAT.TT_PRG_II, VACFLAT.TT_PRG_III, VACFLAT.TT_PRG_IV,;
 VACFLAT.TT_PRG_V, VACFLAT.TT_CBA_I, VACFLAT.TT_CBA_II,;
 VACFLAT.TT_CBA_III, VACFLAT.TT_CBA_IV, VACFLAT.TT_CBA_V, VACFLAT.BCG_1,;
 VACFLAT.BCG_2, VACFLAT.BCG_GT2, VACFLAT.DTP1_1, VACFLAT.DTP1_2,;
 VACFLAT.DTP2_1, VACFLAT.DTP2_2, VACFLAT.DTP3_1, VACFLAT.DTP3_2,;
 VACFLAT.DTPB_2, VACFLAT.OPV_0, VACFLAT.OPV1_1, VACFLAT.OPV1_2,;
 VACFLAT.OPV1_GT2, VACFLAT.OPV2_1, VACFLAT.OPV2_2, VACFLAT.OPV2_GT2,;
 VACFLAT.OPV3_1, VACFLAT.OPV3_2, VACFLAT.OPV3_GT2, VACFLAT.OPVB_2,;
 VACFLAT.OPVB_GT2, VACFLAT.DT1_1, VACFLAT.DT1_2, VACFLAT.DT1_GT2,;
 VACFLAT.DT2_1, VACFLAT.DT2_2, VACFLAT.DT2_GT2, VACFLAT.DTB_2,;
 VACFLAT.DTB_GT2, VACFLAT.MEAS_1, VACFLAT.MEAS_2, VACFLAT.MEAS_GT2,;
 VACFLAT.FULL_IM1, VACFLAT.FULL_IM2, VACFLAT.FULL_IMGT2,;
 INSTITUT.INST_TYPE, INSTITUT.INST_NAME, INSTITUT.VILLAGE,;
 INSTITUT.DIR_NAME, INSTITUT.REFRIG, INSTITUT.COLD_BOXES,;
 INSTITUT.STERILIZER, INSTITUT.EPI_THERM, PROVINCE.PROV_NAME,;
 DISTRICT.DIST_NAME;
FROM MONTHRPT, VACFLAT, INSTITUT, PROVINCE, DISTRICT;
WHERE VACFLAT.RPT_ID = MONTHRPT.RPT_ID;
 AND INSTITUT.INST_ID = MONTHRPT.INST_ID;
 AND PROVINCE.PROV_CODE = INSTITUT.PROV_CODE;
 AND DISTRICT.DIST_CODE = INSTITUT.DIST_CODE;
INTO dbf[1] epidset
```

[1] Output can also be directed to file types: ASCII, WK1, EXL, DIF.

Data File description for Subset of Monthly Reporting Data

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	
CA_POP	N	7	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	
WHOOP_NV	N	2	0	Whooping cough cases not vaccinated	
WHOOP_PV	N	2	0	Whooping cough cases partially vaccinated	
WHOOP_FULV	N	2	0	Whooping cough cases fully vaccinated	
WHOOP_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	
TT_PRG_I	N	3	0	Tetanos Toxoid I doses administered to pregnant women	
TT_PRG_II	N	3	0	Tetanos Toxoid II doses administered to pregnant women	
TT_PRG_III	N	3	0	Tetanos Toxoid III doses administered to pregnant women	
TT_PRG_IV	N	3	0	Tetanos Toxoid IV doses administered to pregnant women	
TT_PRG_V	N	3	0	Tetanos Toxoid V doses administered to pregnant women	
TT_CBA_I	N	3	0	Tetanos Toxoid I doses administered to CBA women	
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	

Data File description for Subset of Monthly Reporting Data

Field Name	Type	Length	Dec	Description	Validation
				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	

Data File description for Subset of Monthly Reporting Data

Field Name	Type	Length	Dec	Description	Validation
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	BHU,RHC,HOSP,THOS,ADMN,SHC,DISP,MCH,FAP,LAB ,MATR,TBC,UHC,LC,OTHR,
INST_NAME	C	30	0	Institution Name	
VILLAGE	C	30	0	Village, Town or City where Institution is located	
DIR_NAME	C	30	0	Name of Medical Officer in Charge	
REFRIG	N	1	0	Status of refrigerator	0=non existant, 1=exists,not functional, 2=functional
COLD_BOXES	N	1	0	Status of cold boxes	0=non existant, 1=exists,not functional, 2=functional
STERILIZER	N	1	0	Status of EPI sterilizer	0=non existant, 1=exists,not functional, 2=functional
EPI_THERM	N	1	0	Status of EPI thermometer	0=non existant, 1=exists,not functional, 2=functional
PROV_NAME	C	11	0	Name of Province	from Province table
DIST_NAME	C	25	0	Name of District	from District table