DISTRICT HEALTH PROFILE

District Mardan

2009

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INTRODUCTION

The purpose of this document is to simplify, package, and communicate complex information on vital statistics and the local burden of disease in a practical, accessible format for district health planning. It is intended for use by District Health Management Teams (DHMTs), federal/ provincial/regional governments and other development partners. Most of the information is provided in tabular format with short explanatory captions and minimum text to provide 'picture' of the current demography and disease burden. The data source is the district health and education departments; however, specific data in this report has been taken from District Census Report 1998.

The document has been divided into various sections mentioned below:

1. **District at a glance:** This section contains general information about the district; for example history, location, area etc.
2. **Accessibility:** This section facilitates reader in approaching the district from other districts or provincial/federal capital by road, rail or air.
3. **Culture:** Knowledge of cultural and social customs facilitates in getting access to the general population. This section provides brief about cultural setup and livelihood in the district.
4. **District Administrative Setup:** A brief on district administrative setup along with reporting lines is given in this section.
5. **Demographic Information:** Demographic breakdown of the district population structure, by age and sex, is important from Mother & Newborn Child Health (MNCH) point of view. The information given in this section can used to predict the target population in upcoming years and plan interventions for improvement of health status in the district.
6. **District Health Department:** This section provides basic information of district health department. It provides organogram of the department, types of health facilities, human resource and budget information, and selected health indicators.
7. **District Education Sector:** The information regarding tehsil wise number of educational institutions in public sector is given in the section that can be useful in planning collaborative strategies for improvement of health status in the district.

We anticipate that this document would be helpful for planning district health interventions by PAIMAN and government health authorities.

DISTRICT HEALTH PROFILE
MARDAN
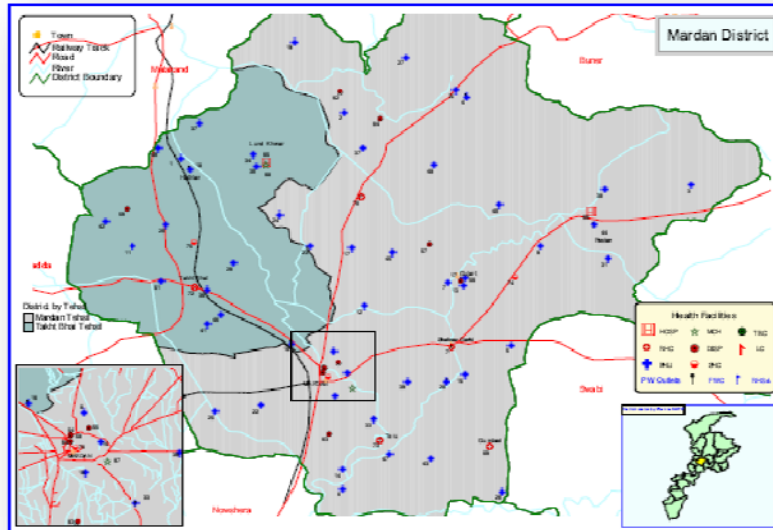
1. District at a Glance

Mardan District is in the North West Frontier Province of Pakistan. Mardan district was a part of Peshawar district. In 1937, Mardan was set up as an independent district after the name of its headquarters town. Most of its land is agricultural. It has one of the world's best irrigation systems, which was laid down by the British government during British Rule on subcontinent (1857-1947).

New Museum, Mardan

Mardan district may broadly be divided into two parts, North-Eastern hilly area and south western plain. The entire Northern side of the district is bounded by the hills. The southwestern half of the district is mostly composed of fertile plain with low hills strewn across it. It is bounded on the north by

Town Hall, Mardan

Burner district and Malakand protected area, on the east by Swabi and Burner districts, on the South by Nowshera district and on the west by Charsadda district and Malakand protected area. The total area of the district is 1,632 kilometers.

Mardan and the areas close to Mardan have many historical sites. These are very attractive for Cultural Holiday Makers. Takhtbai, Rani Gut, Kashmir Smast, Shahbaz Garha are full of history. Shahbaz Garhi is situated on Mardan Swabi Road at a distance of 12 kilometer from Mardan. The emperor Babar in his book Tuzk-e-Babri has given reference of this monastery.

2. Accessibility

The nearest Airport is Peshawar International Airport. This is about 65 km from Peshawar and 120 km from Rawalpindi. There are good road connections to the airport. Buses and private vehicles are the main ways of Transport. The roads are busy as Mardan is the link between different cities. Unfortunately the train system which was developed during the British Empire has gradually disappeared. No train arrives at the once popular railway station.

3. Culture

Most of the people are farmer by profession in the village. They are engaged in agriculture either directly or indirectly. Industrial labor has increased after the establishment of factories in different places of the district. Some people are engaged in business and Government service also.

Religion has a great impact on the culture of people. Most of the people are Muslims. However, there are Hindus, Buddhists and Parsis. The visit to shrines or Ziarats is very common especially among the women. They are very courteous towards each other.

4. District Administrative Setup

The district divided into two sub-divisions Mardan and Takht Bhai with headquarters at Mardan. Like any other district in the country, district Mardan is headed by District Coordination Officer (DCO) assisting Zila Nazim and is accountable to him. DCO, appointed by provincial government from the federal or provincial civil service, coordinates with Executive District Officers (EDOs), who head each of the twelve district offices including health.

District Mardan has two Tehsils i.e. Mardan & Takht Bhai. Each tehsil comprises of certain numbers of union councils. There are 75 union councils in district Mardan with 60 rural and 15 urban.

5. Demographic Information

Total population of district Mardan reported in 1998 census is 1,460,100. With a growth rate of 3.01, projected population for year 2008 is 1,962,253.

Union council wise breakup of population is shown below:

Union councils	No.	Population		
		Male	**Female**	**Total**
Urban	15	169677	163023	**332700**
Rural	60	831072	798481	**1629553**
Total	**75**	**1000749**	**961504**	**1962253**

Sr. #	Urban Union Councils, District Mardan			
	Name of Union Council	**Male**	**Female**	**Total Population**
1	Bijligar	16292	15654	31946
2	Bughdada	10494	10082	20576
3	Cantt Mardan	4505	4328	8833
4	MMC	8517	8183	16700
5	Sharif Abad	9847	9460	19307
6	Ward No. 12 Guli Bagh	15729	15112	30841
7	Ward No. Check Hoti	9946	9556	19502
8	Ward No. Daga Piran	10370	9963	20333
9	Ward No. Kas Koruna	21017	20193	41210
10	Ward No. Khaksar	8811	8465	17276
11	Ward No. Khan Koti	11306	10862	22168
12	Ward No. Sikandari	10093	9697	19790
13	Ward No.10 Babu Mahala	9555	9180	18735
14	Ward No.2 Bicket Gung	13740	13201	26941
15	Ward No.2 DHQ Bari Cham	9456	9086	18542
	Total	**169677**	**163023**	**332700**

Sr. #	Rural Union Councils District Mardan			
	Name of Union Council	**Male**	**Female**	**Total Population**
1	Akber Abad	14219	13661	27880
2	Alo	9311	8945	18256
3	Aman Kot	6370	6120	12490
4	Babuzai	8191	7870	16061
5	Baghicha Dheri	7684	7382	15066
6	Baizo Kharki	9300	8935	18235
7	Bakhshali	13091	12577	25668
8	Charbanda	7079	6801	13880
9	Chargulli	13337	12814	26150
10	Check Mardan	13435	12908	26343
11	Dheri Lekpani	15599	14988	30587
12	Fathma	13353	12830	26183

Sr. #	Rural Union Councils District Mardan			
	Name of Union Council	**Male**	**Female**	**Total Population**
13	Galyara	12322	11838	24160
14	Garhi Daulat Zai	10081	9686	19767
15	Garhi Ismail Zai	13088	12575	25663
16	Ghala Dher	9895	9506	19401
17	Gujar Garhi	31048	29831	60879
18	Gujrat	11598	11143	22741
19	Gumbat	12954	12446	25400
20	Hathian	14256	13696	27952
21	Jalala	12401	11914	24315
22	Jamal Garhi	12264	11783	24047
23	Jamra	9093	8737	17830
24	Kata Khat	16457	15811	32268
25	Kati Garhi	13578	13046	26624
26	Katlung	22560	21675	44235
27	Khazana Dheri	15128	14535	29663
28	Kodinaka	11309	10866	22175
29	Kohi Bermol	10404	9996	20400
30	Kot Ismail Zai (Batagram)	9991	9599	19590
31	Kot Jungara	14825	14243	29068
32	Lund Khwar	27480	26403	53883
33	Machi	10455	10045	20500
34	Manga	12495	12005	24500
35	Mayar	14964	14378	29342
36	Mian Issa	9996	9604	19600
37	Mian Khan	7219	6935	14154
38	Mian Killi (Fazli Abad)	18802	18065	36867
39	Miangano Killi	10626	10210	20836
40	Mohib Banda	12750	12250	25000
41	Muhabat Abad	18233	17518	35750
42	Nari Baja	13155	12640	25795
43	Palo Dheri	8007	7693	15700
44	Par Hoti	21736	20884	42620
45	Parkho Dheri	13270	12750	26020
46	Pir Saddo	13088	12575	25663
47	Qasam	7652	7352	15004
48	Qasmi	9333	8967	18300
49	Rustam	37481	36011	73492
50	Rustam Bazzar	14699	14123	28822
51	Sari Behlol	15667	15053	30720

Sr. #	Rural Union Councils District Mardan			
	Name of Union Council	**Male**	**Female**	**Total Population**
52	Sawal Dher	17922	17220	35142
53	Shahbaz Garhi	17302	16623	33925
54	Shamat poor	9360	8992	18352
55	Shamozai	15518	14910	30428
56	Shergarh	14272	13712	27984
57	Shiekh Yousaf	13520	12990	26510
58	Takht Bhai	21490	20647	42137
59	Takkar	12393	11907	24300
60	Toru	17967	17263	35230
	Total	**831072**	**798481**	**1629553**

Following table shows the demographic information of different population groups in the district:

Population Groups	Standard Demographic (%)	Estimated Population (2008)
New born	4	74,415
0-11 months	2.24	41,672
12-23 months	-	-
Under 5 years	15.87	295,242
0-14 years	44.04	819,310
Women in child bearing age (15-49 years)	21.8	405,562
Married Child bearing age	15.5	288,358
Pregnant Women	4.5	83,717

6. District Health Department

The health care delivery network is headed by Executive District Officer (Health). Being the team leader, the EDO Health is assisted by the Deputy District Officer Health (DDHO), District coordinators of MIS, EPI, and National Program, Medical Superintendent of DHQ and THQ hospitals and PH coordinator.

a. Organogram

The organizational structure of district health department is given below:
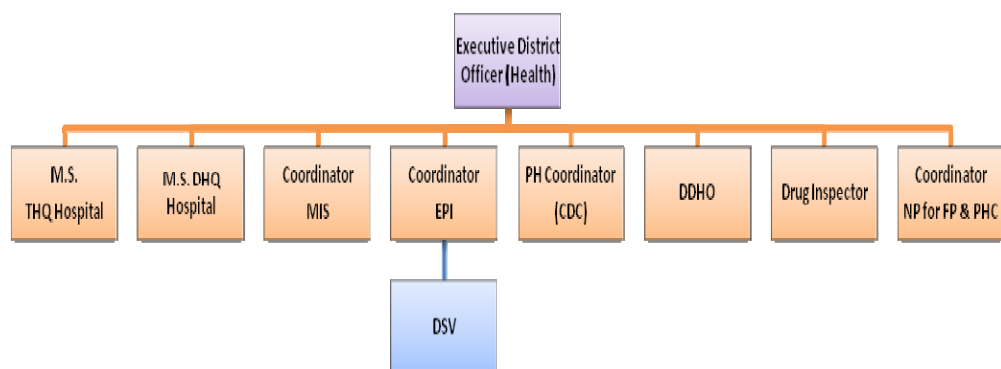
b. Health Facilities

The number of health care facilities in district Mardan is given below:

Type	No.	No. of beds
DHQH	1	320
THQH	-	-
RHCs	6	9
BHUs	5	-
MCHCs	2	-
Dispensaries	12	-
Reproductive Health Services – A Canter (RHS-A)	-	-
Family Welfare Centres	-	-
Mardan Medical Complex	1	86
Civil Hospitals (Rustam & Lund Khwar)	2	66
Others (Category Hospital Kat Lang)	1	22

c. Human Resource Position

Total health care personnel of selected positions working in the district are detailed in the following table:

Post	Number	
	Sanctioned	Filled (Dec. 2008)
Gynaecologist	3	3
Paediatrician	2	2
Anaesthetist	2	2
Radiologist	2	2
Medical Officers (MOs+WMOs)	149	149

Post	Number	
	Sanctioned	Filled (Dec. 2008)
Blood Transfusion Officers (BTOs)	3	2
Lady Health Visitors (LHVs)	60	60
Nurses	126	115
Midwifes	2	1
Lady Health Workers (LHWs)	1225	1225
Laboratory Technician	15	13
Health Technician	116	116
Vaccinators	83	83

d. Health Indicators

Indicator	Data from Jan-Mar 2009 (Source: Baseline MIS Survey-PAIMAN)
Number of ANC cases registered	7454
Number of pregnant women provided TT 2 immunization	6601
PNC cases visited by LHW within 24hrs of delivery	6456
Number of children <1 yr receiving DPT 3 immunization	72856
Number of children <5 yr treated for diarrhea at public HFs	11921
Number of children <5 yr treated for pneumonia at public HFs	15615
Number of facilities reporting stock out of contraceptive commodities (DHQH/THQH/RHCs)	9
Indicator	Data for year 2008 (Source: National Program for FP & PHC)
Total deliveries conducted by skilled attendant	15101
Number of live births	28929
Number of still births	435
Total obstetric (maternal) deaths	33
Total newborn deaths	258

e. *Budget Allocation*

Total budget allocation of current year for District Health Department in district Mardan is as under:

Item	Year 2008-09 *(Amount in Rs)*
Total District Health Sector Budget	259,573,156
Development	56,030,000
Non-Development	203,543,156

7. Education Sector

The literacy ratio of the district among the population aged 10 years and above is 36.45 percent. It has increased by 20.50 percentage points since 1981 when it was only 15.95 percent. The male literacy ratio is much higher at 53.50 percent compared to 18.38 percent for female *(www.yespakistan.com).*

Sr.#	Tehsil	Number of Institutions								
		Primary school		Middle school		High school		College		Univ.
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
1	Mardan	533	346	62	56	49	26	21	9	1
2	TakhatBai	239	204	27	35	19	10	6	12	0