



Global Health
Development



EMPHNET

The Eastern Mediterranean
Public Health Network



Strengthen Microplanning in High-Risk Union Councils

DISTRICT PISHIN

Balochistan Province

Pakistan

Acronyms

BHU	Basic Health Unit
CD	Civil Dispensaries
DDHO	Deputy District Health Center
DHO	District Health Officer
DHC	District Health Center
DHQ	District Headquarter
GHD	Global Health Development
EMPHNET	Eastern Mediterranean Public Health Network
EPI	Expanded Programme on Immunization
EPIMIS	Expanded Programme on Immunization Management Information System
LHS	Lady Health Supervisors
LHW	Lady Health Workers
MCH	Maternal & Child Health Center
RHC	Rural Health Center

Table of Contents

Pishin District	4
District Profile	4
PHC Facilities and human resource in District Pishin.....	5
Union Councils with less than 80% PENTA III Coverage.....	5
Health facility wise Pentavalent III Coverage in district Pishin	6
LHWs Involvement in Routine EPI	10

Pishin District

Pishin district is located in the province of Balochistan, in Pakistan. The town was founded by the British as a military and civil station in 1883 and is located north of Quetta district and fronts Afghanistan on the east and northeast. In 1975 it was separated from Quetta District, while in 1994 part of it was split off to form the new district of Qilla Abdullah.

The district covers an area of 6,218 km² and comprises of long valleys 4,500–5,500 ft. (1,370–1,680 m) above sea level enclosed by the Toba Kākar Range to the north. The main ethnic groups are Pashtun, Kākar and Tarīn.

Administratively, the district is divided into five tehsils, namely:

1. Barshore
2. Hurram Zai
3. Karezat
4. Pishin
5. Saranan

District Profile¹

Population – 2017	736,903
Population density	118.51 per Sq. Km.
Rural population	594,107
Urban population	142,796
Average Household Size	5.81
Female	356,227
Male	380,615
Transgender	61
Average Annual Growth Rate (1998 - 2017)	3.59

¹ <https://www.pbs.gov.pk/content/district-wise-results-tables-census-2017>

PHC Facilities and human resource in District Pishin

Rural health center (RHC)	11
Basic health unit (BHU)	38
Civil dispensaries (CD)	10
Total No. of PHC facilities (EPI Sites EPIMIS)	26
Doctors at all PHC facilities in RHC, BHUs, CDs	24
Average No. of paramedics at all PHC facilities in RHC, BHUs, CDs	269
No. of vaccinators at all PHC facilities RHC, BHUs, CDs	70
Lady Health Workers (LHWs)	178
Lady Health Supervisors (LHSs)	8
Lady Health Workers (LHWs) trained in Routine EPI	46
Lady Health Workers (LHWs) un-trained in Routine EPI	132

Union Councils with less than 80% PENTA III Coverage

(Jan - Dec 2021)

S.No	Name of Union Council	PENTA III Coverage Less than 80%
1	Ajrum	56
2	Alizai	49
3	Balozai	42
4	Batazai	61
5	Bagh Barshor	70
6	Bostan	69
7	Cadet College	43
8	Gangalzai	62
9	Ibrahim Zai	42
10	Karbala	69
11	Kaza Vala	35
12	Khanozai	66
13	Kut	75
14	Lumaran	42
15	Milkyar 1	37
16	Malezai	24

17	Muchian	31
18	Mughtian	52
19	Poti Nasaran	60
20	Saranan	74
21	Saranan Camp	76
22	Shadezai	28
23	Shakerzai	64
24	Surkhab Camp	53
25	Yaro	42
26	Ziarat	78

The PENTA III coverage is below 80% in all the union councils of Pishin district.

Health facility wise Pentavalent III Coverage in district Pishin²

(Jan-Dec 2021)

S. No.	Type of Health Facility	Target		Pentavalent III	
		Newborns	Surviving Infants	Total	%
1	BHU Bagh Barshor	233	216	152	70
2	BHU Batazai	775	718	797	111
3	BHU Battezai	1152	1067	566	53
4	BHU Battezai (ORT)	755	699	429	61
5	BHU Bazaar e kohna	341	316	276	87
6	BHU Dab Khanozai	181	168	267	159
7	BHU Dabkhanzai (ORT Ibrahimzai)	439	407	170	42
8	BHU Hajizai Bala	175	162	82	51
9	BHU Hakalzai	277	257	294	115
10	BHU Killa Haji Khan	291	269	333	124
11	BHU Malakyar	581	538	200	37
12	BHU Malizai	711	658	159	24
13	BHU Mandozai	210	194	331	170
14	BHU Manzaki	361	334	256	77
15	BHU Mughtian	328	304	159	52

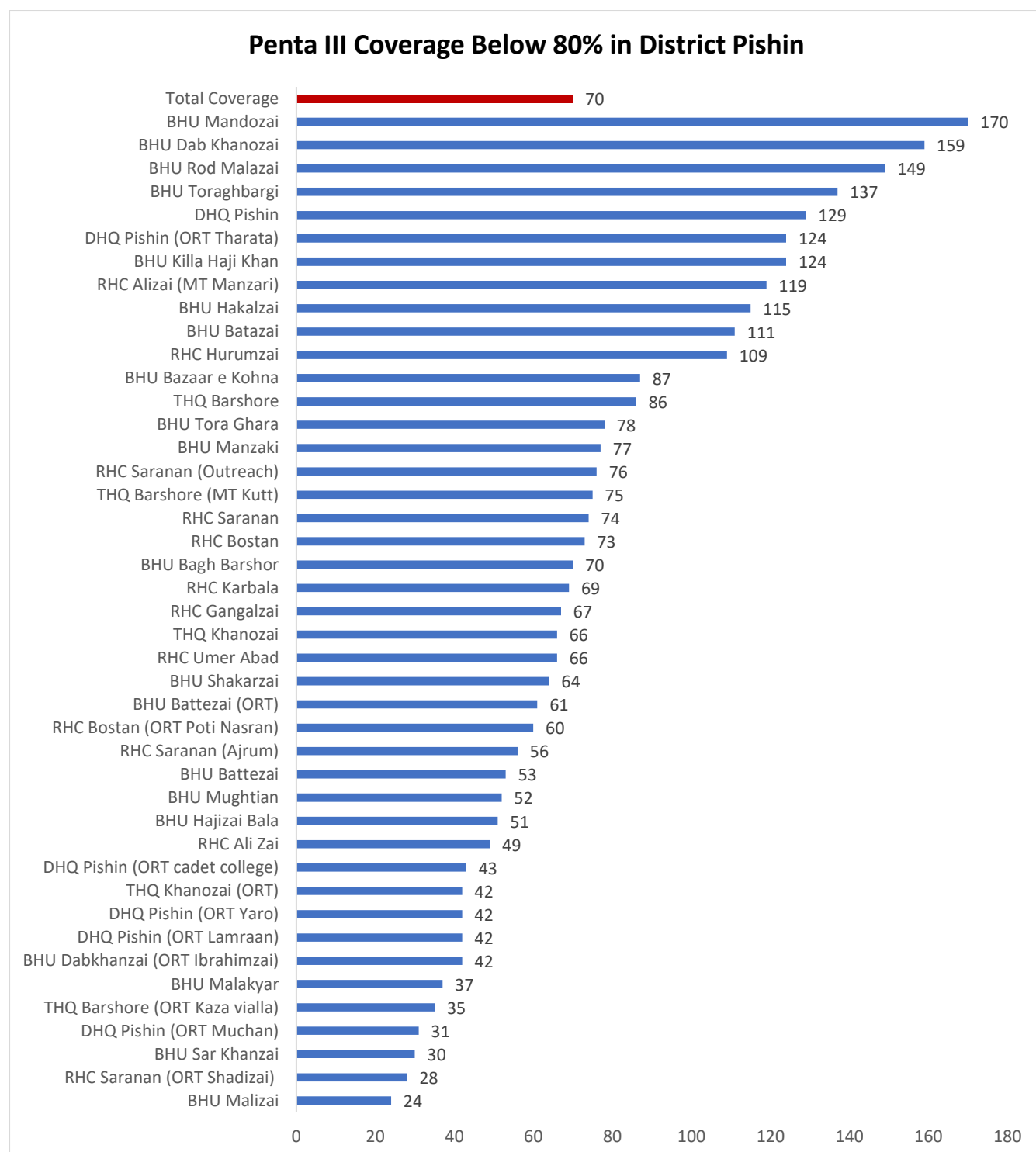
² EMPIS Balochistan

16	BHU Rod Malazai	424	393	585	149
17	BHU Sar Khanzai	181	168	51	30
18	BHU Shakarzai	733	679	434	64
19	BHU Tora Ghara	544	504	395	78
20	BHU Toraghbargi	512	474	649	137
21	DHQ Pishin	490	454	587	129
22	DHQ Pishin (ORT cadet college)	934	865	368	43
23	DHQ Pishin (ORT Lamraan)	637	590	249	42
24	DHQ Pishin (ORT Muchan)	346	320	99	31
25	DHQ Pishin (ORT Tharata)	451	418	516	124
26	DHQ Pishin (ORT Yaro)	819	758	315	42
27	RHC Ali Zai	580	537	265	49
28	RHC Alizai (MT Manzari)	424	393	468	119
29	RHC Bostan	387	358	261	73
30	RHC Bostan (ORT Poti Nasran).	976	904	539	60
31	RHC Gangalzai	350	324	218	67
32	RHC Hurumzai	360	333	365	109
33	RHC Karbala	601	557	382	69
34	RHC Saranan	487	451	335	74
35	RHC Saranan (Ajrum)	391	362	201	56
36	RHC Saranan (ORT Shadizai)	527	488	139	28
37	RHC Saranan (Outreach)	977	905	686	76
38	RHC Umer Abad	387	358	236	66
39	THQ Barshore	261	242	207	86
40	THQ Barshore (MT Kutt)	277	257	193	75
41	THQ Barshore (ORT Kaza vialla).	168	156	55	35
42	THQ Khanozai	897	831	551	66
43	THQ Khanozai (ORT)	617	571	238	42
Total Coverage		21,548	19,957	14,058	70

According to the EMPIS Balochistan, in district Pishin there are 43 EPI centers. These comprise of 20 basic health units, 12 rural health centers, 6 DHQs and 5 THQs. The data reveals that the overall coverage of Pentavalent III in district Pishin is 70%. However, there are 30 health

facilities with less than 80% Pentavalent III coverage. The lowest coverage is reported as 24% in BHU Malizai.

The data in the above-mentioned table is presented in descending order of the PENTA III coverage in Pishin district, in the graph as follows:



LHWs Involvement in Routine EPI

S. No	Name of Health Facility	Total Attached LHWs	Total Attached LHSs
1	DHQ Hospital Pishin	20	1
2	THQ Hospital Barshor	14	1
3	THQ Hospital Khanozai	60	2
4	RHC Saranan	0	0
5	RHC Shadezai	0	0
6	RHC Karbala	0	0
7	RHC Huramzai	0	0
8	RHC Gangalzai	0	0
9	RHC Alizai	0	0
10	RHC Manzakai	0	0
11	RHC Bagh Barshor	0	0
12	RHC Bostan	0	0
13	RHC Umer Abad	12	1
14	RHC Rod	24	1
15	BHU Hajizai	20	1
16	BHU Shakerzai	0	0
17	BHU Samzai	0	0
18	BHU Manzarai	0	0
19	BHU Ibrahim Zai	0	0
20	BHU Malikyar	0	0
21	BHU Kamalzai	0	0
22	BHU Thora Shah	0	0
23	BHU Batazai	0	0
24	BHU Sar Khanzai	0	0
25	BHU Dab Khanzai	0	0
26	BHU Balawari	0	0
27	BHU Malizai	0	0
28	BHU Chur Badezai	0	0
29	BHU Ajram	0	0
30	BHU Hikalzai	0	0
31	BHU Mughtian	26	1
32	BHU Nana Sahib	0	0
33	BHU Nasaran	0	0
34	BHU Shareen	0	0
35	BHU Mehrullah Gharshanan	0	0

36	BHU Yousaf Kach	0	0
37	BHU Tor Aghbargi	0	0
38	BHU Balozai	22	1
39	BHU Niganda	0	0
40	BHU Mulla Aghbargai	0	0
41	BHU Thora Ghara	0	0
42	BHU Walang Haqdad	0	0
43	BHU Qilla Haji Khan	0	0
44	BHU Zar Kuch	0	0
45	BHU Sheshan Kan	0	0
46	BHU Walgi	0	0
47	BHU Sheen Khan	0	0
48	BHU Mandozai	0	0
49	BHU Kach Hassanzai	0	0
50	BHU Walma	0	0
51	BHU Shahi	0	0
52	CD Ismailzai	0	0
53	CD Kta Bagh	0	0
54	CD Churmian	0	0
55	CD Samzai	0	0
56	CD Skara Ragha	0	0
57	CD Sanzala	0	0
58	CD Kala Bagh Barshor	0	0
59	CD Sabora	0	0
60	CD Ghaizh	0	0
61	CD Marsena	0	0
Total =		178	8

The LHW MIS data reveals that there are only 7/61 health facilities in which 178 LHWs are attached. Therefore, the LHW coverage in the district is only limited to 11.4%.

The sub-optimal level of PENTA III coverage may be attributed to lack of LHWs attachment with the respective health facilities and lack of training in routine EPI. Moreover, lack of and delayed refresher courses in EPI are also noted as one of the contributing factors for updating the knowledge of LHWs in routine EPI.

The monitoring and supervisory role and capacity of Lady Health Supervisors is pertinent for effective service delivery by the LHWs. Therefore, lack of LHSs and lack of their capacity building in monitoring and supervision for routine EPI adds to the overall improved or poor EPI performance of the Pishin district.