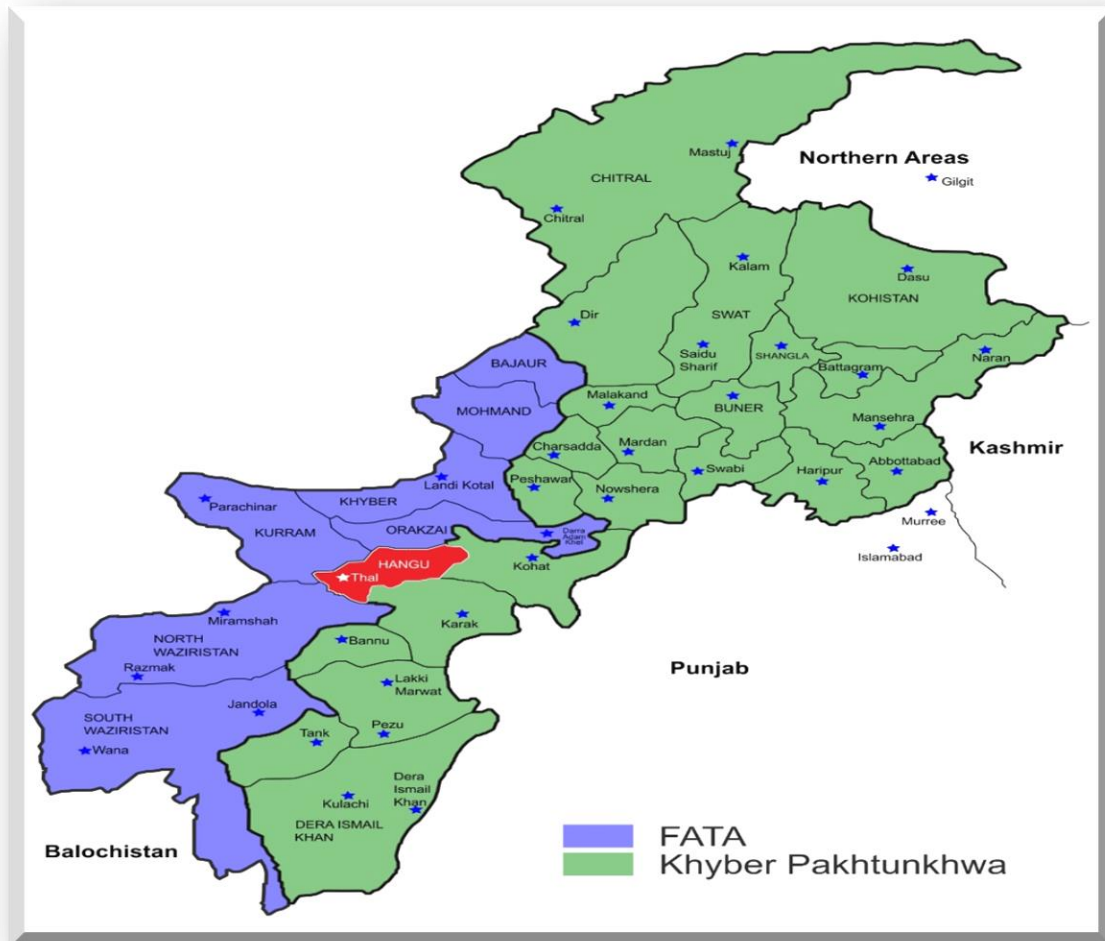




Global Health
Development



EMPHNET
The Eastern Mediterranean
Public Health Network



Strengthen Microplanning in High-Risk Union Councils

DISTRICT HANGU

Khyber Pakhtunkhwa Province

Pakistan

Acronyms

BHU	Basic Health Unit
CD	Civil Dispensaries
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
RC	Rural Health Center
SD/FR	Sub-Division / Frontier Region

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Hangu District

Hangu is district in Kohat Division of Khyber Pakhtunkhwa province in Pakistan. The district takes its name from the town Hangu, which is the administrative center. In 1998, Hangu was the second-largest city in the division, but fast growth in nearby Karak made its position slip to third place. Hangu may also sometimes be applied to the Miranzai Valley which is partly within the district, bordering the Samana Range.



The principal language of the city is Pashto, spoken by over 98.8% of the people.

Hangu is divided into two Tehsils:

1. Hangu
2. Thall

There are 50 union councils in the district, 29 in Hangu tehsil and 21 in Thall.

District profile¹

Population - 2017	518,798
Population density	286.7 per sq.km
Rural population	38,155
Urban population	10,115
Households	48,270
Average Household Size	10.5
Female	269,237
Male	249,554
Transgender	8
Literacy Ratio (10 +) - 1998 ²	3.25%
Average Annual Growth Rate (1998 - 2017)	2.66

¹ [Ipbs.gov.pk/content/district-glance-Hangu](http://pbs.gov.pk/content/district-glance-Hangu)

PHC Facilities and human resource in district Hangu

Rural health center (RHC)	01
Basic health unit (BHU)	13
Civil dispensaries (CD)	2
Total No. of PHC facilities (EPI Sites EPIMIS)	22
Doctors at all PHC facilities in RHC, BHUs, CDs	59
Average No. of paramedics at all PHC facilities in RHC, BHUs, CDs	180
No. of vaccinators at all PHC facilities RHC, BHUs, CDs	80
Lady Health Workers (LHWs)	139
Lady Health Supervisors (LHSs)	7
Lady Health Workers (LHWs) trained in Routine EPI	50
Lady Health Workers (LHWs) un-trained in Routine EPI	89

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	Kotki	61
2	Kach	65
3	Bilyamina	71
4	Dallan	72
5	Naryab-2	73
6	Mohammad Khwaja	74
7	Naryab-1	74
8	Togh Sarai	76
9	Karbogha	77
10	Darband	79

There are 10/19 union councils in Hangu district in which PENTA III coverage was below 80%.

Union Council wise Pentavalent III Coverage in district Hangu³

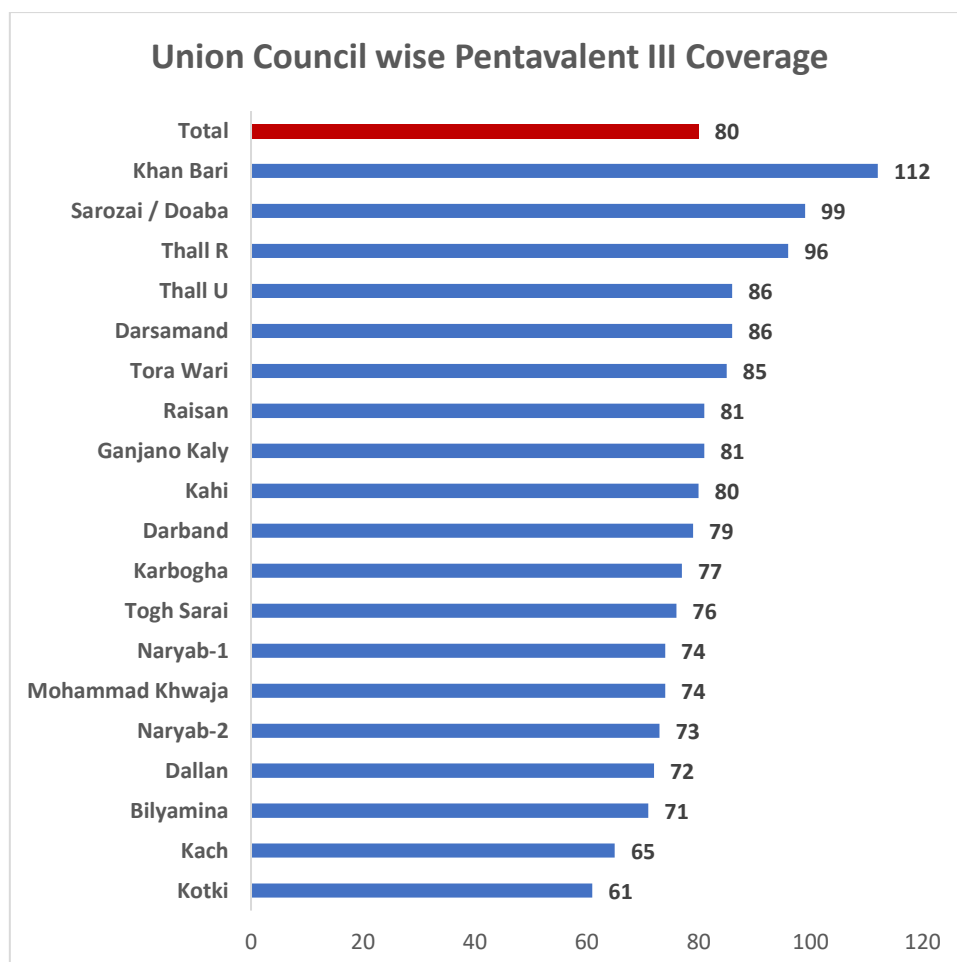
(Jan-Dec 2021)

S. No.	Union Council	Target		Pentavalent III	
		Newborns	Surviving Infants	Total	%
1	Bilyamina	809	762	540	71
2	Dallan	1340	1262	914	72
3	Darband	442	416	331	79
4	Darsamand	1329	1252	1080	86
5	Ganjano Kaly	3724	3508	2856	81
6	Kach	1546	1456	951	65
7	Kahi	861	811	649	80
8	Karbogha	1546	1456	1122	77
9	Khan Bari	700	659	737	112
10	Kotki	1152	1085	667	61
11	Mohammad Khwaja	837	788	583	74
12	Naryab-1	430	405	299	74
13	Naryab-2	438	413	301	73
14	Raisan	894	842	682	81
15	Sarozai / Doaba	1013	954	947	99
16	Thall R	277	261	250	96
17	Thall U	1223	1152	991	86
18	Togh Sarai	623	587	446	76
19	Tora Wari	931	877	743	85
Total Coverage		20,115	18,946	15,089	80

According to the EPMIS Khyber Pakhtunkhwa, in district Hangu there are 19 union councils. The data reveals that the overall coverage of Pentavalent III in district Hangu is 80%. However, there are 10 union councils with less than 80% Pentavalent III coverage. The lowest coverage is reported as 61% in Kotki.

³ EPMIS KP Dec 2021

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



LHWs Involvement in Routine EPI

S. No	Name of Health Facility	Total Attached LHW	Total Attached LHS
1	BHU Ibrahimzai	25	1
2	BHU Shahookhel	1	0
3	DHQ Hospital	24	1
4	DHQ Hospital	23	1
5	DHQ Hospital	8	1
6	Shaheed Farid Khan Hospital	14	0
7	BHU Togh Sarai	1	0
8	BHU Kahi	2	0
9	BHU Shinwari	1	0
10	BHU Sarozai	7	1

11	SHC Doaba	3	0
12	BHU Darsamand	3	1
13	BHU Dallan	4	0
14	BHU Manjee Khel	2	0
15	SHC Torawari	1	0
16	Thall City	28	1
17	Thall Rural	1	0
18	BHU Ibrahimzai	25	1
19	BHU Shahookhel	1	0
20	DHQ Hospital	24	1
21	DHQ Hospital	23	1
22	DHQ Hospital	8	1
23	Shaheed Farid Khan Hospital	14	0
24	BHU Togh Sarai	1	0
25	BHU Kahi	2	0
Total =		148	11

The LHW MIS data reveals that there are only 25/22 health facilities in which LHWs are attached. Therefore, the LHW coverage in the district is optimal.

The sub-optimal level of PENTA III coverage in 10 union councils may be attributed to lack of LHWs 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 Abbottabad district.