



Global Health
Development



EMPHNET

The Eastern Mediterranean
Public Health Network



Strengthen Microplanning in High-Risk Union Councils

DISTRICT KARAK

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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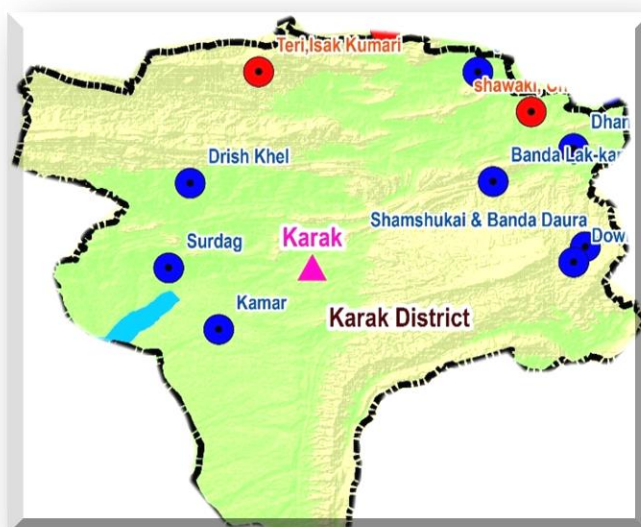
Karak District

Karak district is in Khyber Pakhtunkhwa province and is a part of Kohat division. It covers an area of 3,372 km².

It gained a district status in 1982, prior to which it was part of Kohat District. It is divided into three tehsils and 23 union councils.

The names of tehsils are as follows:

1. Banda Daud Shah Tehsil.
2. Karak Tehsil.
3. Takht-e-Nasrati Tehsil.



District profile¹

Population – 2017	706,299
Population density	127.8/km ²
Rural population	655,150
Urban population	51,149
Households	73,144
Male	349,433
Female	356,863
Transgender	3
Average Household Size	5.7
Average Annual Growth Rate (1998 - 2017)	2.63%
Literacy Rate	79%

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

PHC Facilities and human resource in district Karak

Rural health center (RHC)	07
Basic health unit (BHU)	19
Civil dispensaries (CD)	02
Total No. of PHC facilities (EPI Sites EPIMIS)	35
Doctors at all PHC facilities in RHC, BHUs, CDs	146
Average No. of paramedics at all PHC facilities in RHC, BHUs, CDs	411
No. of vaccinators at all PHC facilities RHC, BHUs, CDs	73
Lady Health Workers (LHWs)	524
Lady Health Supervisors (LHSs)	23

Union Councils with less than 80% PENTA III Coverage

(Jan - Dec 2021)

Union Council	Penta3 Coverage %
Gurguri	26
Mianki	47
Nari Panos	51
Jatta Ismail Khel	52
S G Khel	52
G M Khel	53
Palosa Sar	56
Wanki Siraj Khel	56
Esak Chountra	57
Terri	58
Karak South	59
Jandri	62
Warana Ahmad Abad	68
Takhte Nasrati	70
Sabir Abad	72
Metha Khel	73
Chokara	73
Karak North	74
Jehangiri	76

There are 19/21 union councils in Karak district in which PENTA III coverage was below 80%.

Union Council wise Pentavalent III Coverage in district Karak²

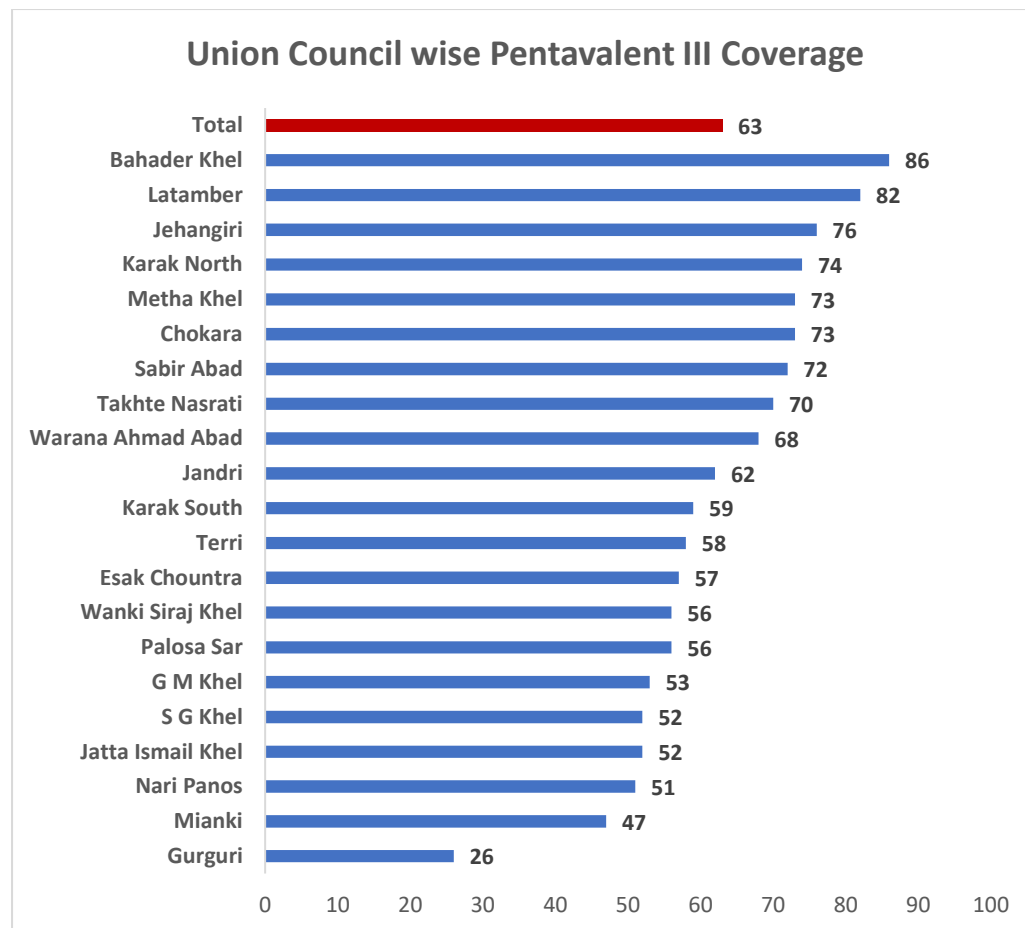
(Jan-Dec 2021)

S. No	Union Council	Target		Pentavalent III	
		Newborns	Surviving Infants	Total	%
1	Bahader Khel	742	699	603	86
2	Chokara	926	872	639	73
3	Esak Chountra	1228	1157	662	57
4	G M Khel	936	882	465	53
5	Gurguri	715	674	172	26
6	Jandri	1499	1412	871	62
7	Jatta Ismail Khel	1370	1291	672	52
8	Jehangiri	1975	1860	1423	76
9	Karak North	1233	1161	857	74
10	Karak South	1138	1072	632	59
11	Latamber	1399	1318	1085	82
12	Metha Khel	1662	1566	1139	73
13	Mianki	1478	1392	656	47
14	Nari Panos	1269	1195	608	51
15	Palosa Sar	1104	1040	583	56
16	Sabir Abad	938	884	635	72
17	S G Khel	1782	1679	872	52
18	Takhte Nasrati	1323	1246	878	70
19	Terri	1475	1389	808	58
20	Wanki Siraj Khel	1015	956	540	56
21	Warana Ahmad Abad	2174	2048	1390	68
Total		27,381	25,793	16,190	63

According to the EPMIS Khyber Pakhtunkhwa, there are 21 Union Councils in district Karak which offer EPI services. The data reveals that the overall coverage of Pentavalent III in district Karak is 63%. However, there are 19 union councils with less than 80% Pentavalent III coverage. The lowest coverage is reported as 26% in Gurguri.

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

² EPMIS KP Dec 2021



LHWs Involvement in Routine EPI

S. No	Name of Health Facility	No. of Attached LHWs	No. of Attached LHSs
1	DHQ Karak	48	2
2	BHU Mitha Khel	28	1
3	BHU Esak Chontra	19	1
4	BHU Kando Khel	9	1
5	BHU G.M Khel	24	1
6	BHU Shamshaki	16	1
7	RHC Jandri	34	1
8	Type D Sabir Abad	25	1
9	Type D Hospital Latamber	34	1
10	CH Gurguri	2	0
11	BHU Jatta/BHU Makorhi	16	0
12	THQ Hospital B.D Shah	26	1
13	CH Bahader Khel	22	1
14	RHC Nari Panos	19	1
15	BHU Khurram	15	1
16	BHU Jehangiri	12	1
17	Type C takhte Nasrati	33	2
18	RHC S.G khel	21	0
19	BHU Mona khel	9	1
20	BHU zara Gandi	19	1
21	RHC Ahmad Abad	12	1
22	BHU Warana	18	1
23	BHU Khojaki	27	1
Total		540	23

The LHW MIS data reveals that there are only 23/35 health facilities in which LHWs are attached. Therefore, the LHW coverage in the district is only limited to 65.7%.

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 Karak district.