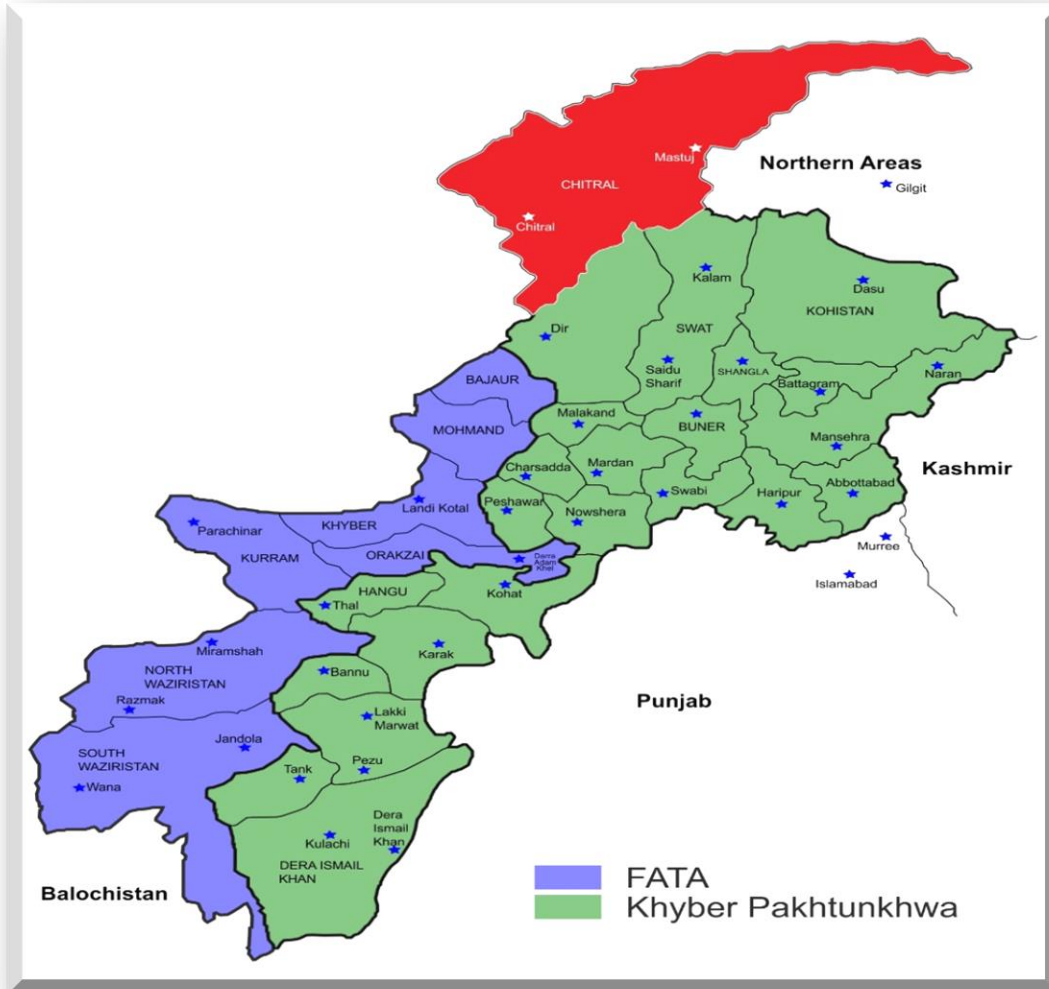




Global Health
Development



EMPHNET
The Eastern Mediterranean
Public Health Network



Strengthen Microplanning in High-Risk Union Councils

DISTRICT CHITRAL

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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Chitral District

Chitral district is situated on the Chitral River in northern Khyber Pakhtunkhwa, Pakistan. The Chitral town serves as the capital of the Chitral district and has an average elevation of 1,500 m (4,921 ft). It has an area of 14,850 sq.kms.

Chitral has a Mediterranean climate with warm summers and cold winters. It is known for heavy snowfall and deadly avalanches in winters.

Administratively, Chitral district has 2 tehsils, 24 union councils, 463 Mauzas and 1 Municipal Committee.

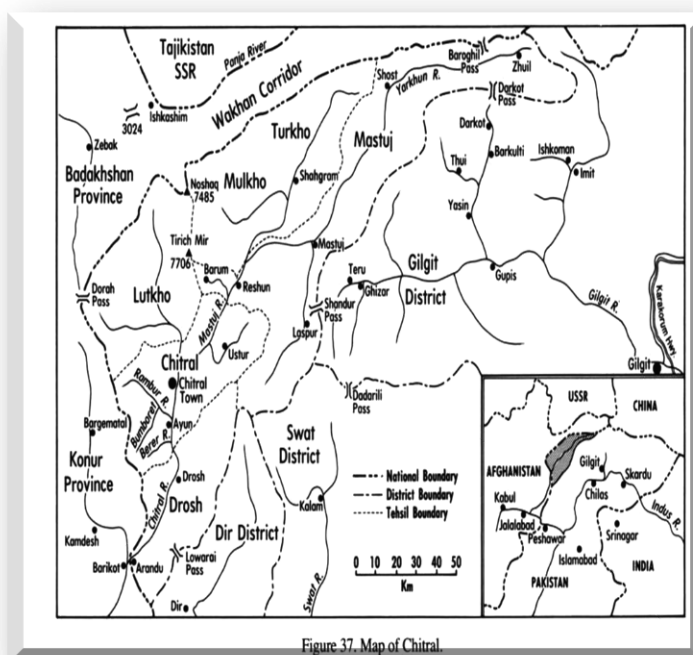


Figure 37. Map of Chitral.

District profile¹

Population - 2017	447,362
Population density	21.5 per sq.km
Rural population	54,556
Urban population	7,063
Households	61,619
Average Household Size	7.9
Female	221,515
Male	225,846
Transgender	1
Literacy Ratio (10 +) - 1998 ²	40.30%
Average Annual Growth Rate (1998 - 2017)	1.80

¹ pbs.gov.pk/content/district-glance-Abbottabad

PHC Facilities and human resource in district Chitral

Rural health center (RHC)	7
Basic health unit (BHU)	19
Civil dispensaries (CD)	28
Total No. of PHC facilities (EPI Sites EPIMIS)	60
Doctors at all PHC facilities in RHC, BHUs, CDs	185
Average No. of paramedics at all PHC facilities in RHC, BHUs, CDs	403
No. of vaccinators at all PHC facilities RHC, BHUs, CDs	103
Lady Health Workers (LHWs)	461
Lady Health Supervisors (LHSs)	22
Lady Health Workers (LHWs) trained in Routine EPI	461
Lady Health Workers (LHWs) un-trained in Routine EPI	0

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	Karimabad	37
2	Shoghore	50
3	Laspur	57
4	Arandu	60
5	Chitral 2	61
6	Charun	63
7	Garum Chashma	67
8	Mastuj	68
9	Yarkhon	68
10	Khot	70
11	Shishikoh	71
12	Shagram	74
13	Terich	75
14	Drassan	76
15	Ashirate	79

16	Owir	79
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There are 16/24 union councils in Chitral district in which PENTA III coverage was below 80%.

Union Council wise Pentavalent III Coverage in district Chitral³

(Jan - Dec 2021)

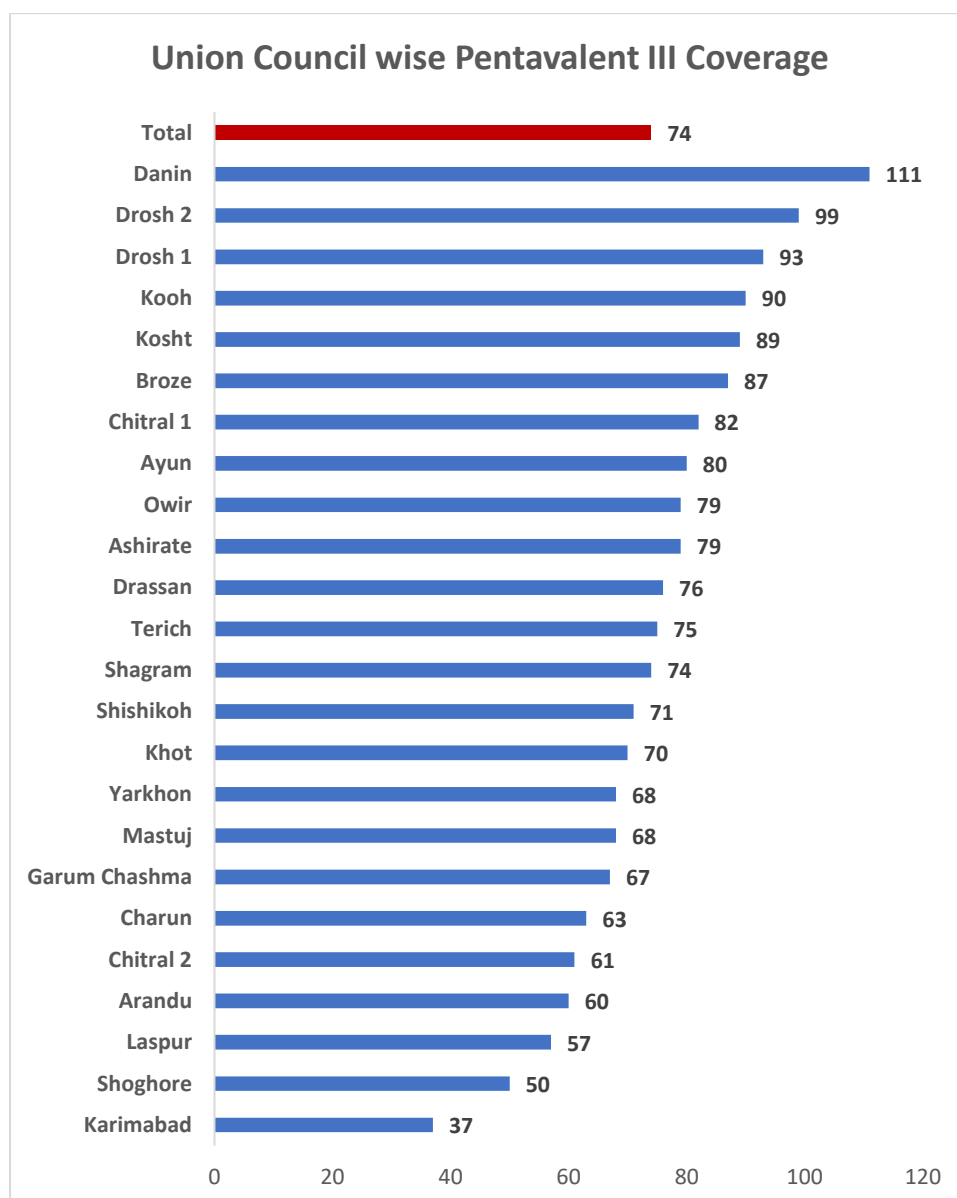
S. No.	Union Council	Target		Pentavalent III	
		Newborns	Surviving Infants	Total	%
1	Arandu	926	872	520	60
2	Ashirate	728	686	541	79
3	Ayun	971	915	731	80
4	Broze	401	378	328	87
5	Charun	794	748	470	63
6	Chitral 1	940	885	723	82
7	Chitral 2	756	712	434	61
8	Danin	583	549	611	111
9	Drassan	714	673	509	76
10	Drosh 1	770	725	677	93
11	Drosh 2	741	698	689	99
12	Garum Chashma	1018	959	642	67
13	Karimabad	727	685	253	37
14	Khot	635	598	418	70
15	Kooh	659	621	556	90
16	Kosht	625	589	522	89
17	Laspur	692	652	374	57
18	Mastuj	442	416	285	68
19	Owir	537	506	400	79
20	Shagram	759	715	527	74
21	Shishikoh	681	642	453	71
22	Shoghore	741	698	349	50
23	Terich	581	547	413	75
24	Yarkhon	920	867	591	68

³ EPMIS KP Dec 2021

Total Coverage	17,341	16,336	12,016	74
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According to the EPMIS Khyber Pakhtunkhwa, in district Chitral there are 59 Union Councils. The data reveals that the overall coverage of Pentavalent III in district Chitral is 74%. However, there are 16 union councils with less than 80% Pentavalent III coverage. The lowest coverage is reported as 37% in Karimabad.

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



LHWs Involvement in Routine EPI

S. No	Name of Health Facility	Total Attached LHWs	Total Attached LHSs
1	CD Karim Abad	16	0
2	Rural Health Center Arando	3	0
3	Civil Dispensary Damail Nisar	4	0
4	Basic Health Unit Asherat	7	1
5	Basic Health Unit Pati Nagar	4	0
6	Basic Health Unit Tar (Shishikoh)	11	0
7	Basic Health Unit Kesu	6	1
8	Basic Health Unit Bumborat	5	0
9	Basic Health Unit Broze	15	1
10	Basic Health Unit Shoghore	7	1
11	Civil Dispensary Arkari	8	0
12	Rural Health Center Koghuzi	17	1
13	Rural Health Center Ayun	16	1
14	Tehsil Head Quater Hospital Drosh	33	2
15	Tehsil Head Quater Hospital Garum Chashma	35	2
16	BHU Mroi	10	0
17	BHU Kosht	18	1
18	MCH Center Chitral	46	2
19	Basic Health Unit Niskoo	15	1
20	Basic Health Unit Zondrogram	9	1
21	Basic Health Unit Khot	11	1
22	Basic Health Unit Rech	9	0
23	Basic Health Unit Laspur	18	0
24	Basic Health Unit Brep	10	1
25	Basic Health Unit Shongush	8	1
26	Basic Health Unit Reshun	9	1
27	Rural Health Center Mastuj	15	0
28	Civil Dispensary Yarkhun Lasht	8	0
29	Civil Dispensary Miragram 2	15	1
30	Basic Health Unit Sonoghore	9	0
31	Rural Health Center Drassan	20	1
32	Civil Dispensary Gohkir	10	0
33	Rural Health Center Shagram	21	0
34	Tehsil Head Quater Hospital Booni	21	1
35	Civil Dispensary Barum Owir	0	0
Total =		469	22

The LHW MIS data reveals that there are only 35/59 health facilities in which LHWs are attached. Therefore, the LHW coverage in the district is not at the optimal level.

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 Chitral district.