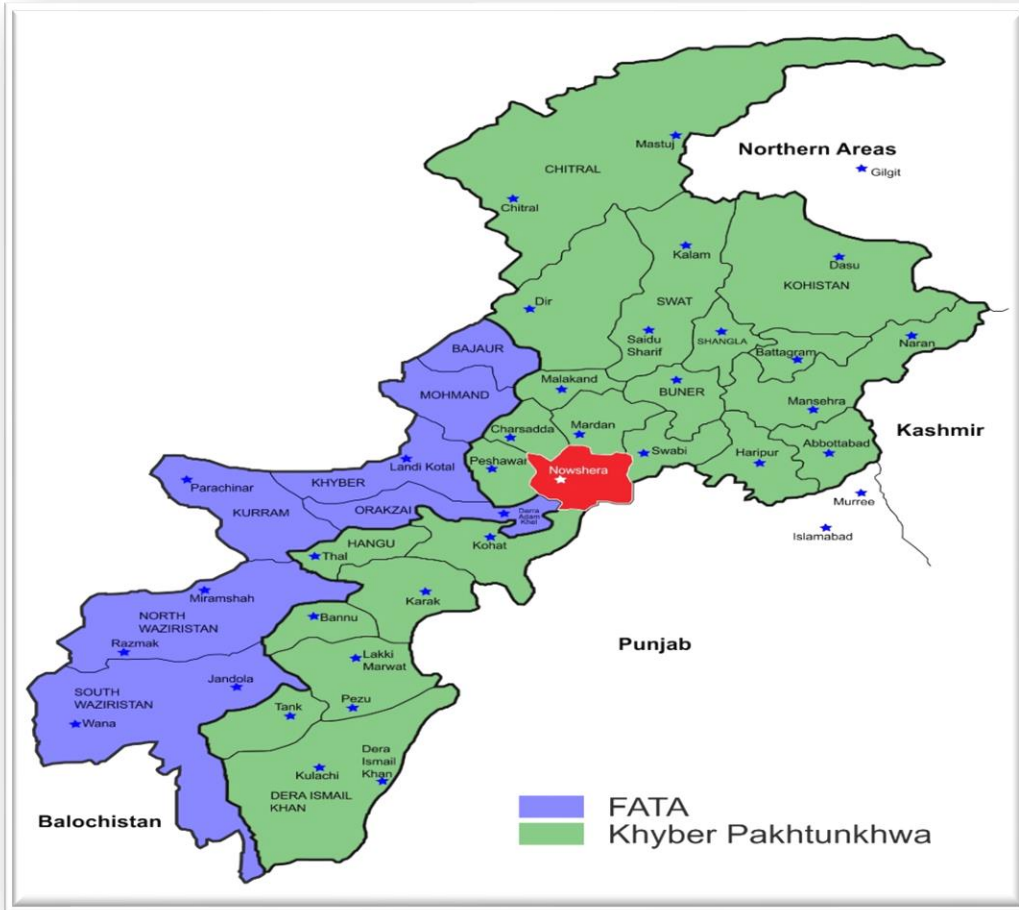




Global Health  
Development



EMPHNET  
The Eastern Mediterranean  
Public Health Network



Strengthen Microplanning in High-Risk Union Councils

# DISTRICT NOWSHERA

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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## Nowshera District

Nowshera district is in Khyber Pakhtunkhwa province and is part of Peshawar division. It has an area of 1,748 sq.km. It was administratively declared as a district in 1988.

Nowshera district has three tehsils:

1. Nowshera tehsil
2. Jehangira tehsil
3. Pabbi tehsil

The 3 tehsils are further sub-divided into 49 union councils, 153 mauzas, 4 municipal committees, 1 town committee and 3 cantonments.



### District profile<sup>1</sup>

Population - 2017	1,518,540
Population density	500.2 per sq.km
Rural population	338,650
Urban population	1,179,890
Households	198,808
Average Household Size	7.7
Female	736,778
Male	781,722
Transgender	40
Literacy Ratio (10 +) - 1998 <sup>2</sup>	42.50
Average Annual Growth Rate (1998 - 2017)	2.94

<sup>1</sup> [Ipbs.gov.pk/content/district-glance-Nowshera](http://pbs.gov.pk/content/district-glance-Nowshera)

## PHC Facilities and human resource in district Nowshera

Rural health center (RHC)	4
Basic health unit (BHU)	32
Civil dispensaries (CD)	12
Total No. of PHC facilities (EPI Sites EPIMIS)	66
Doctors at all PHC facilities in RHC, BHUs, CDs	247
Average No. of paramedics at all PHC facilities in RHC, BHUs, CDs	482
No. of vaccinators at all PHC facilities RHC, BHUs, CDs	173
Lady Health Workers (LHWs)	933
Lady Health Supervisors (LHSs)	43
Lady Health Workers (LHWs) trained in Routine EPI	704
Lady Health Workers (LHWs) un-trained in Routine EPI	229

## 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	Rashakai	59
2	Jehangira	61
3	Amangarh	62
4	Balu	63
5	Khan Sher Garhi/ Khu	63
6	Nowshera City	66
7	Zara Maina	66
8	Mohib Banda	66
9	Kahi	67
10	Kheshgi Payan	67
11	Kurvi	67
12	Inzari	68
13	Khairabad	68
14	Mera Akora	69
15	Spinkhak	69

16	Shaidu	70
17	Badrashi	70
18	Amankot	70
19	Adamzai	71
20	Nizampur	71
21	Azakhel Payan	71
22	Gandheri	71
23	Mughalki	72
24	Azakhel Bala	72
25	Shakot	72
26	Manduri	73
27	Misri Banda	75
28	Akora Khattak	76
29	Kabul River	76
30	Pirsabaq	77
31	Choki Mamrez	77
32	Dagai	77

There are 32/49 union councils in Nowshera district in which PENTA III coverage was below 80%.

### Union Council wise Pentavalent III Coverage in district Nowshera<sup>3</sup>

(Jan - Dec 2021)

S. No.	Union Council	Target		Pentavalent III	
		Newborns	Surviving Infants	Total	%
1	Adamzai	1353	1275	908	71
2	Akbarpura	1404	1323	1122	85
3	Akora Khattak	2032	1914	1450	76
4	Amangarh	1290	1215	757	62
5	Amankot	700	659	460	70
6	Azakhel Bala	956	901	648	72
7	Azakhel Payan	938	884	626	71
8	Badrashi	1236	1164	815	70
9	Balu	1063	1001	627	63
10	Bara Banda	1224	1153	956	83

<sup>3</sup> EPMIS KP Dec 2021

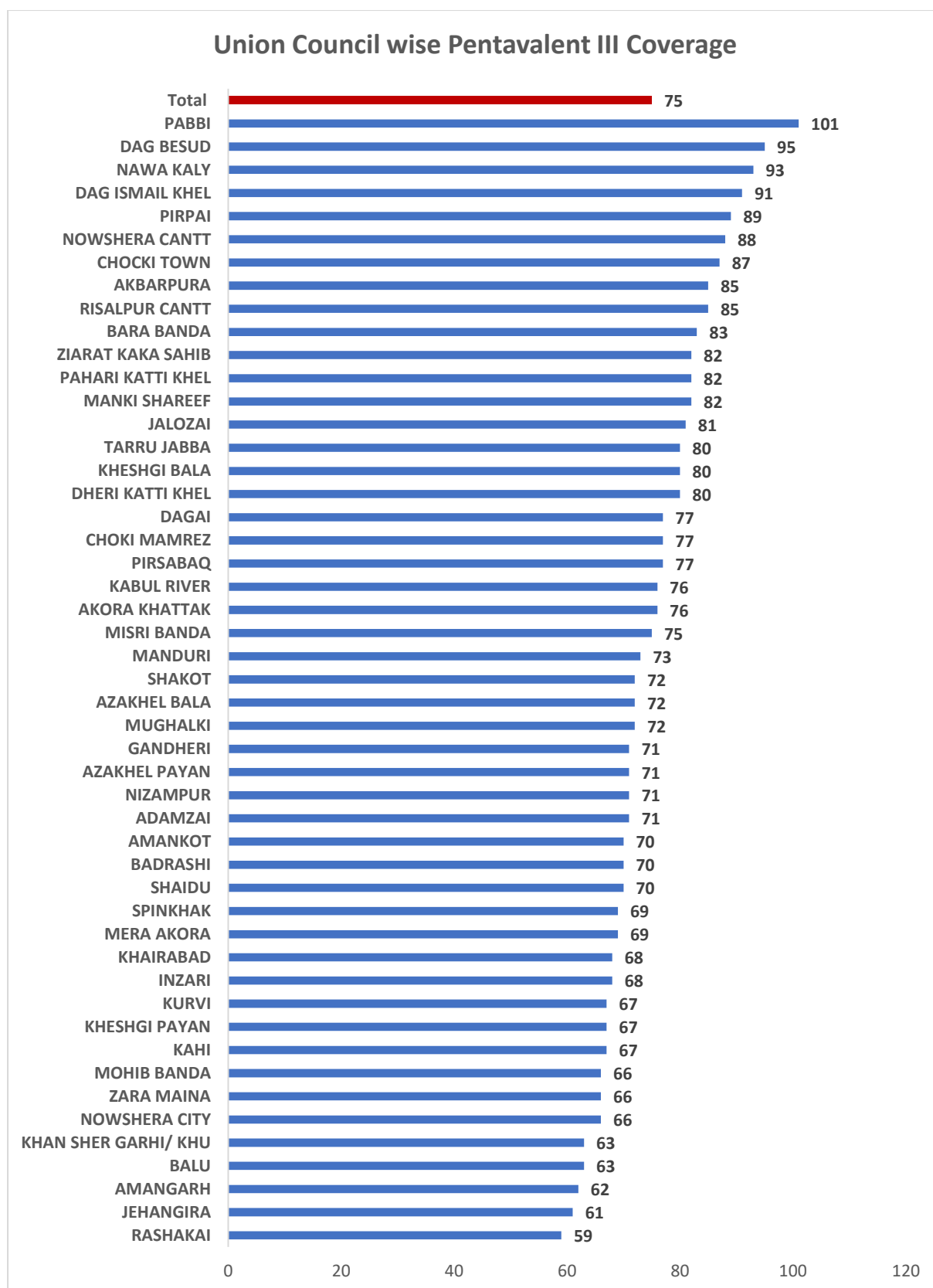
11	Chocki Town	755	711	620	87
12	Choki Mamrez	1069	1007	778	77
13	Dagai	1310	1234	950	77
14	Dag Besud	1301	1226	1170	95
15	Dag Ismail Khel	877	826	749	91
16	Dheri Katti Khel	1203	1133	903	80
17	Gandheri	1560	1470	1039	71
18	Inzari	831	783	533	68
19	Jalozai	1218	1147	926	81
20	Jehangira	1281	1207	738	61
21	Kabul River	1123	1058	799	76
22	Kahi	1293	1218	817	67
23	Khairabad	1639	1544	1053	68
24	Khan Sher Garhi/ Khu	1132	1066	671	63
25	Kheshgi Bala	1427	1344	1078	80
26	Kheshgi Payan	1329	1252	835	67
27	Kurvi	865	815	548	67
28	Manduri	999	941	688	73
29	Manki Shareef	796	750	615	82
30	Mera Akora	1572	1481	1028	69
31	Misri Banda	864	814	614	75
32	Mohib Banda	1110	1046	692	66
33	Mughalki	1165	1097	788	72
34	Nawa Kaly	1118	1053	981	93
35	Nizampur	936	882	623	71
36	Nowshera Cantt	1358	1279	1123	88
37	Nowshera City	1034	974	640	66
38	Pabbi	1142	1076	1091	101
39	Pahari Katti Khel	781	736	605	82
40	Pirpai	957	901	800	89
41	Pirsabaq	1251	1178	902	77
42	Rashakai	1210	1140	675	59
43	Risalpur Cant	1272	1198	1020	85
44	Shaidu	1501	1414	993	70
45	Shakot	1140	1074	776	72
46	Spinkhak	1260	1187	817	69
47	Tarru Jabba	910	857	690	80
48	Zara Maina	874	823	546	66
49	Ziarat Kaka Sahib	1020	961	789	82

<b>Total Coverage</b>	<b>56,679</b>	<b>53,392</b>	<b>40,072</b>	<b>75</b>
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According to the EPMIS Khyber Pakhtunkhwa, in district Nowshera there are 49 Union Councils. These comprise of 32 basic health units, 4 rural health centers, 9 civil dispensaries, 1 medical complex, 1 memorial hospital, 1 social security medical and 2 Cat-D hospitals. The data reveals that the overall coverage of Pentavalent III in district Nowshera is 75%. However, there are 32 union councils with less than 80% Pentavalent III coverage. The lowest coverage is reported as 59% in Rashakai.

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





## LHWs Involvement in Routine EPI

S. No	Name of Health Facility	Total Attached LHWs	Total Attached LHSs
1	RHC-Akbarpura	44	1
2	BHU Taru Jabba	48	2
3	BHU Aman Kot	15	0
4	BHU Badrashi	44	2
5	Mian Rashid Hussain Shaheed Memorial Hospital Pabbi	49	2
6	BHU Dag Besood	18	1
7	BHU Inzari	15	1
8	RHC-Dag Ismail Khel	23	1
9	MCH Pashtoon Garhi	4	0
10	RHC-Pir Pai	54	2
11	RHC-Manki Sharif	20	0
12	CH-Ziarat Kaka Sahib	22	1
13	BHU Rasha Kai	40	1
14	DHQ Hospital Nowshera	40	2
15	RHC-Kheweshgi	62	2
16	BHU Spin Khak	15	1
17	CD- Misri Banda	12	2
18	CH- Akora Khattak	55	2
19	RHC-Khairabad	10	0
20	BHU Wazir Garhi	7	0
21	RHC-Nizampur	34	1
22	BHU Shahdiu	22	1
23	BHU Behram Kelay	15	1
24	BHU Dagai	18	1
25	BHU Mohib Banda	7	1
26	BHU Kahi	19	1
27	BHU Adam Zai	11	1
28	BHU Jaloza	32	1
29	BHU Khush Muqam	15	1
30	BHU Mughalkai	15	1
31	BHU Gandheari	32	2
32	BHU Jehangera	12	1
33	BHU Pirsabbaq	24	1
34	BHU Mandoori	19	1
35	BHU Aza Khel	27	1
36	BHU Banda Mullhan	13	1

37	MCH Nowshera Kalan	12	0
<b>Total =</b>		<b>924</b>	<b>40</b>

The LHW MIS data reveals that there are only 37/64 health facilities in which LHWs are attached. Therefore, the LHW coverage in the district Nowshera is 58%.

The 88% coverage of PENTA III might be attributed to LHWs attachment with the respective health facilities. However, there is also lack of training in routine EPI reported in 204 LHWs. 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 Nowshera district.