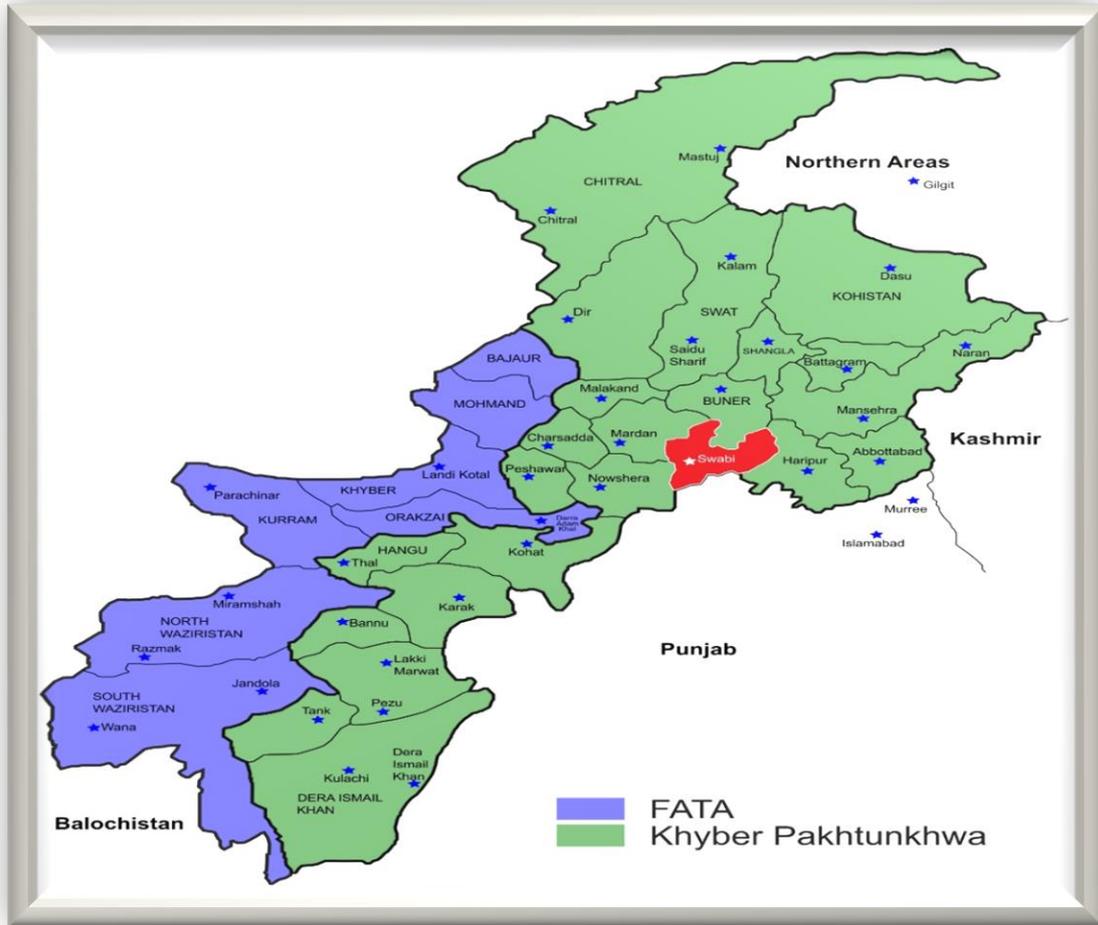


Global Health  
Development



EMPHNET  
The Eastern Mediterranean  
Public Health Network



Strengthen Microplanning in High-Risk Union Councils

## DISTRICT SWABI

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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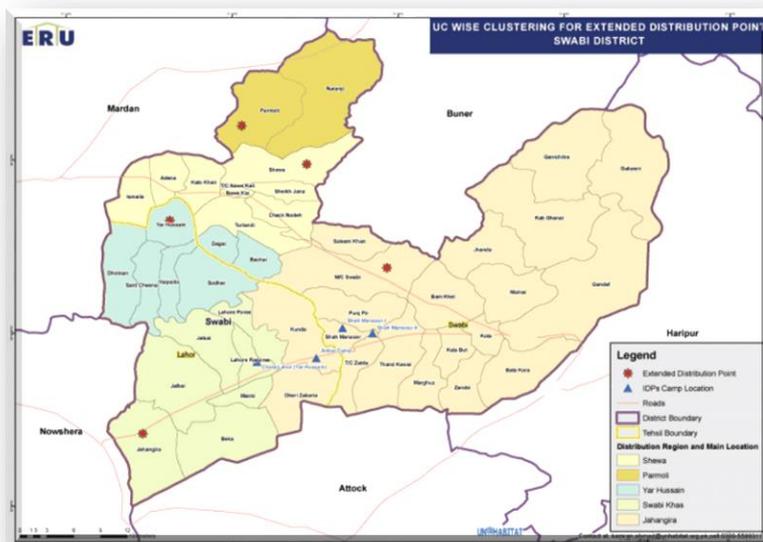
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## Swabi District

Swabi district is in Khyber Pakhtunkhwa province and is part of Mardan division. It has an area of 1,543 sq.km. It lies between Indus and Kabul Rivers. It was administratively declared as a district in 1988.

Currently, Swabi district has four tehsils:

1. Swabi Tehsil
2. Topi Tehsil
3. Lahor Tehsil
4. Razar Tehsil



The 4 tehsils are further sub-divided into 56 union councils, 133 village councils, and 27 neighborhood councils.

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

Population – 2017	1,624,616
Population density	1,100/km <sup>2</sup>
Rural population	1,348,691
Urban population	275,925
Households	214,209
Average Household Size	7.7
Female	809,047
Male	815,526
Transgender	43
Literacy Ratio (10 +) - 1998 <sup>2</sup>	36.0%
Average Annual Growth Rate (1998 - 2017)	2.44

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

## PHC Facilities and human resource in district Swabi

Rural health center (RHC)	8
Basic health unit (BHU)	38
Civil dispensaries (CD)	13
Total No. of PHC facilities (EPI Sites EPIMIS)	76
Doctors at all PHC facilities in RHC, BHUs, CDs	320
Average No. of paramedics at all PHC facilities in RHC, BHUs, CDs	607
No. of vaccinators at all PHC facilities RHC, BHUs, CDs	146
Lady Health Workers (LHWs)	797
Lady Health Supervisors (LHSs)	40
Lady Health Workers (LHWs) trained in Routine EPI	615
Lady Health Workers (LHWs) un-trained in Routine EPI	182

## 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	Panjpir	52
2	Naranji	54
3	Zaida	59
4	Mankai	60
5	Shiekh Jana	60
6	Parmoli	61
7	Lahore West	63
8	Bachai	64
9	Tandkoi	64
10	Adina	65
11	Sudher	65
12	Gar Munara	67
13	Beka	68
14	Ismaila	69
15	Shahmansoor	69

16	Marghuz	70
17	Turlandi	71
18	Manai	71
19	Kalabat	72
20	Check nodah	73
21	Yar Hussain East	73
22	Jehangira	74
23	Kalu Khan	74
24	Karnal Shar Kallay	74
25	Anbar	75
26	Asota	75
27	Kota	75
28	Dhobian	76
29	Maneri Payan	76
30	Kabgani	76
31	Lahore East	77
32	Shewa	77
33	Sard Cheena	78
34	Yaqoobi	78
35	Bamkhel	78
36	Topi West	78
37	Jalsai	79
38	Matani Changan	79

There are 38/56 union councils in Swabi district in which PENTA III coverage was below 80%.

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

(Jan - Dec 2021)

S. No.	Union Councils	Target		Pentavalent III	
		Newborns	Surviving Infants	Total	%
1	Adina	856	806	523	65
2	Anbar	887	836	627	75
3	Asota	940	885	668	75
4	Bachai	1813	1708	1097	64

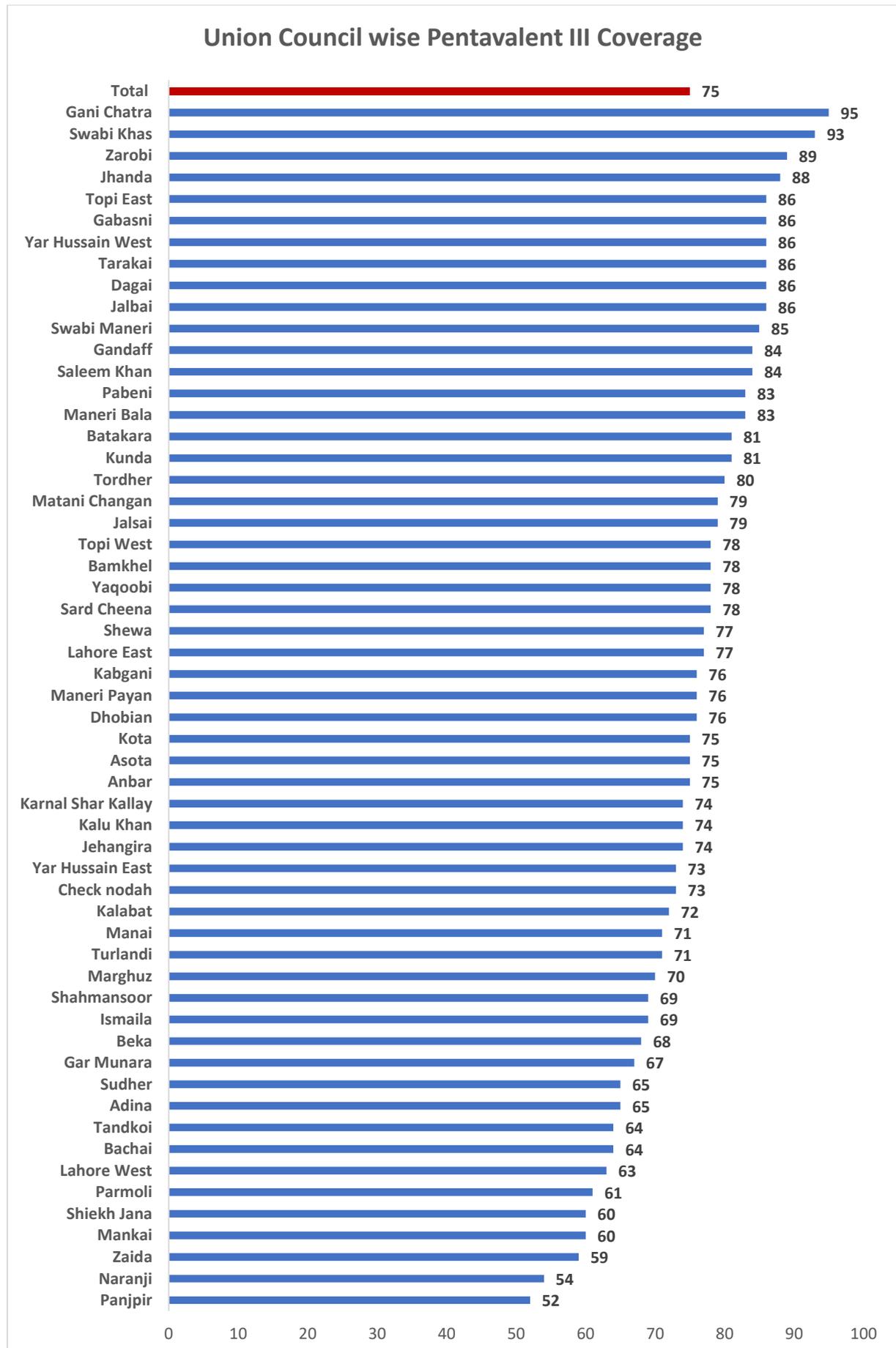
<sup>3</sup> EPMIS KP Dec 2021

5	Bamkhel	967	911	712	78
6	Batakara	1074	1012	822	81
7	Beka	1083	1020	696	68
8	Check Nodah	1163	1096	801	73
9	Dagai	1093	1030	884	86
10	Dhobian	1134	1068	813	76
11	Gabasni	1187	1118	964	86
12	Gandaff	2187	2060	1732	84
13	Gani Chatra	1048	987	941	95
14	Gar Munara	688	648	432	67
15	Ismaila	1374	1294	892	69
16	Jalbai	1392	1311	1124	86
17	Jalsai	891	839	659	79
18	Jehangira	1560	1470	1088	74
19	Jhanda	1016	957	838	88
20	Kabgani	658	620	470	76
21	Kalabat	798	752	543	72
22	Kalu Khan	1506	1419	1052	74
23	Karnal Shar Kallay	993	935	692	74
24	Kota	1266	1193	899	75
25	Kunda	1172	1104	891	81
26	Lahore East	691	651	499	77
27	Lahore West	954	899	565	63
28	Manai	1053	992	707	71
29	Maneri Bala	1194	1125	932	83
30	Maneri Payan	1278	1204	911	76
31	Mankai	792	746	449	60
32	Marghuz	955	900	631	70
33	Matani Changan	760	716	569	79
34	Naranji	1244	1172	632	54
35	Pabeni	775	730	604	83
36	Panjpir	1393	1312	688	52
37	Parmoli	1334	1257	767	61
38	Saleem Khan	1250	1178	989	84
39	Sard Cheena	1175	1107	859	78
40	Shahmansoor	740	697	478	69
41	Shewa	1091	1028	792	77
42	Shiekh Jana	1312	1236	737	60
43	Sudher	1430	1347	872	65

44	Swabi Khas	1140	1074	1000	93
45	Swabi Maneri	1085	1022	865	85
46	Tandkoi	1123	1058	675	64
47	Tarakai	1309	1233	1055	86
48	Topi East	876	825	712	86
49	Topi West	1048	987	771	78
50	Tordher	755	711	570	80
51	Turlandi	876	825	585	71
52	Yaqoobi	1507	1420	1101	78
53	Yar Hussain East	722	680	498	73
54	Yar Hussain West	1122	1057	914	86
55	Zaida	1212	1142	676	59
56	Zarobi	569	536	476	89
<b>Total Coverage</b>		<b>61,511</b>	<b>57,946</b>	<b>43,439</b>	<b>75</b>

According to the EPMIS Khyber Pakhtunkhwa, in district Swabi there are 56 Union Councils. These comprise of 38 basic health units, 8 rural health centers, 13 civil dispensaries, 4 civil hospitals, and 4 district headquarter hospital. The data reveals that the overall coverage of Pentavalent III in district Swabi is 75%. However, there are 38 union councils with less than 80% Pentavalent III coverage. The lowest coverage is reported as 52% in Panjpir.

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



## LHWs Involvement in Routine EPI

S. No	Name of Health Facility	Total Attached LHWs	Total Attached LHSs
1	BHU Jalbai	22	1
2	BHU Jalsai	16	1
3	BHU Lahore East	10	1
4	THQ Lahoor	14	0
5	BHU Manki	9	0
6	RHC Tordher	18	1
7	RHC Beka	19	1
8	BHU Jehangira	19	1
9	BHU Dehri zakaria	4	0
10	RHC Ambar Kunda	14	0
11	RHC Marghuz	24	1
12	BHU Shah Mansoor	5	0
13	BHU Bachai	13	1
14	BHU Baja	9	0
15	BHU Jhanda	10	0
16	BHU Miankali	8	1
17	BHU Zaida	14	1
18	BHU PunjPir	10	1
19	BHU Salim Khan	34	2
20	BHU Thand Koi	11	1
21	DHQ hospital	45	1
22	BHU Mangal Chai	5	1
23	BHU Gandaf	12	0
24	BHU Gani Chatra	26	2
25	BHU kalabat	15	0
26	BHU Manai	11	1
27	BHU zaroobi	9	1
28	BHU Batakara	8	0
29	BHU Kotha	11	1
30	CH kabgani	1	0
31	CH Topi	23	2
32	BHU Dagai	26	1
33	BHU Tarakai	46	2
34	BHU Bhadar Abad	21	1
35	BHU Dobian	26	1
36	BHU Fazal E Abad	21	1
37	BHU Ismaila	10	0
38	BHU Sadri Jadeed	9	0

39	BHU Sard China	24	1
40	RHC Sheikh Jana	14	1
41	BHU Adina	10	1
42	BHU Chak Nodah	42	2
43	RHC Shewa	25	1
44	BHU Yaqoobi	15	1
45	Cat-D Kalu Khan	33	3
46	RHC Yar Hussain	28	2
<b>Total =</b>		<b>799</b>	<b>41</b>

The LHW MIS data reveals that there are only 46/70 health facilities in which LHWs are attached. Therefore, the LHW coverage in the district Swabi is only limited to 67%.

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 Swabi district.