DISTRICT HEALTH INFORMATION SYSTEM
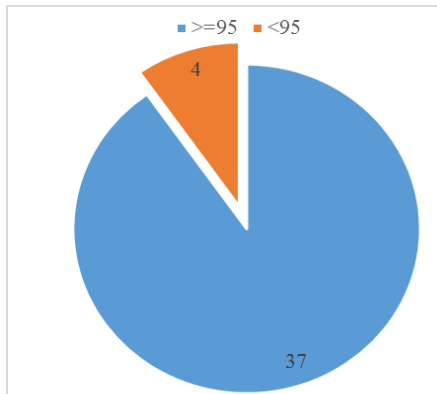
DHIS
DISTRICT HEALTH
INFORMATION SYSTEM

Evidence Based Decision Making

Annual Report
2023

Annual Report 2023

1. REPORTING COMPLIANCE

This indicator represents the percentage of public health facilities that have submitted monthly reports.

District Wise Percentage of Reporting Compliance.

Graph shows district-wise reporting compliance of all the districts of Khyber Pakhtunkhwa. Thirty Seven (37 Including FRs) districts (D.I. Khan to Tor Ghar) among all districts achieved the target i-e reporting more than 95% while FR Bannu, North Waziristan, FR Lakki and FR Tank reported 94%, 93%, 85 and 64%, remained below the target.
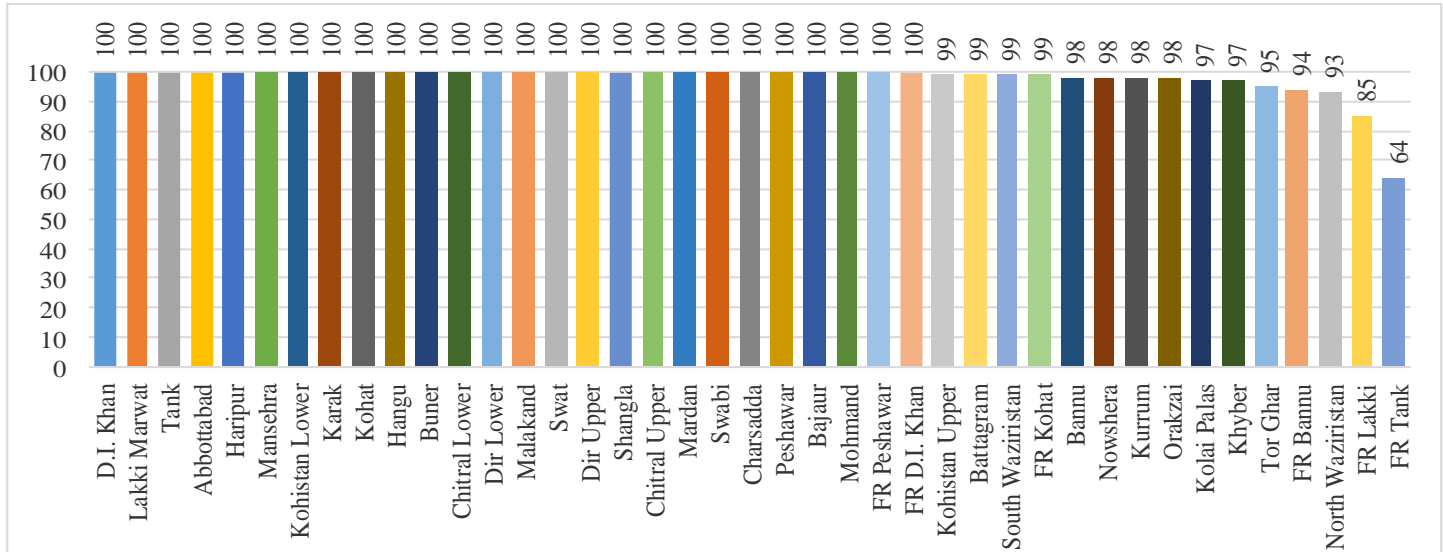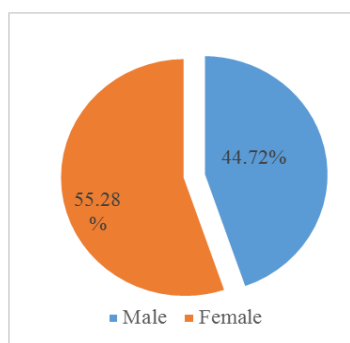

2. General OPD Attendance (Primary Health Care Facilities & Secondary Health Care Facilities)

This is one of the key indicator to assess performance on the provision of health services in Province Khyber Pakhtunkhwa. It refers to the number of people attending and receiving services at health facilities during illness.
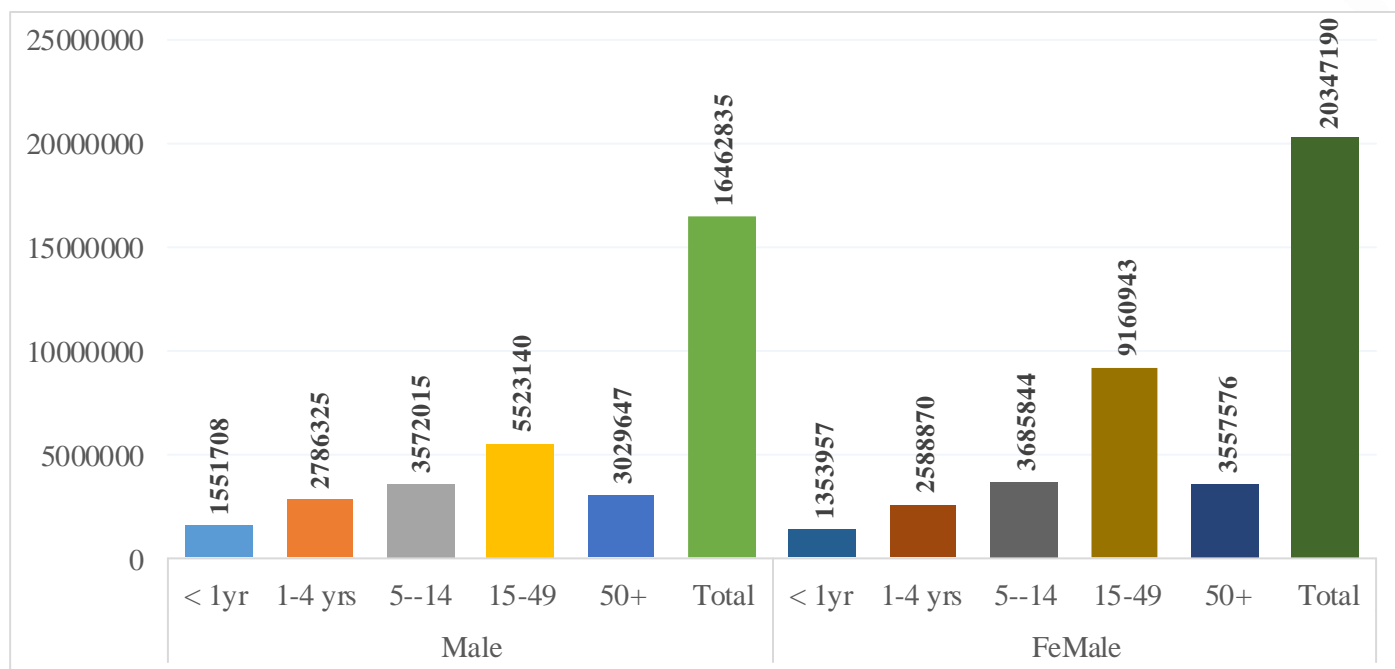
Graph shows the General OPD in primary and secondary care health facilities with gender wise breakup of male and female patients of the province.

Age wise breakup of patients visiting the OPD is consistent from January to December 2023, the figure shows that in the case of male OPD attendance of age group from <1 to 14 years is **7,910,048** (**48.05%)** while in case of male age group from 15 years and above is **8,552,787** among the total male OPD **16462835**.
Similarly in case of female OPD attendance of age group from <1 to 14 years is **7,628,671 (37.49%)** while in case of female age group from 15 years and above is **12718519** among the total female OPD attendance of **20347190.**

In OPD Attendance (Primary & Secondary Health Care Facilities) **55.28%** were female and **44.72%** were male patients who have visited in year 2023.

3. **Specialty Wise Break Up of Patients**
   This indicator gives us an idea about the distribution of patients to different specialties enabling the reader to broadly categorize and assess the flow of patients to different specialties available in the health facilities.
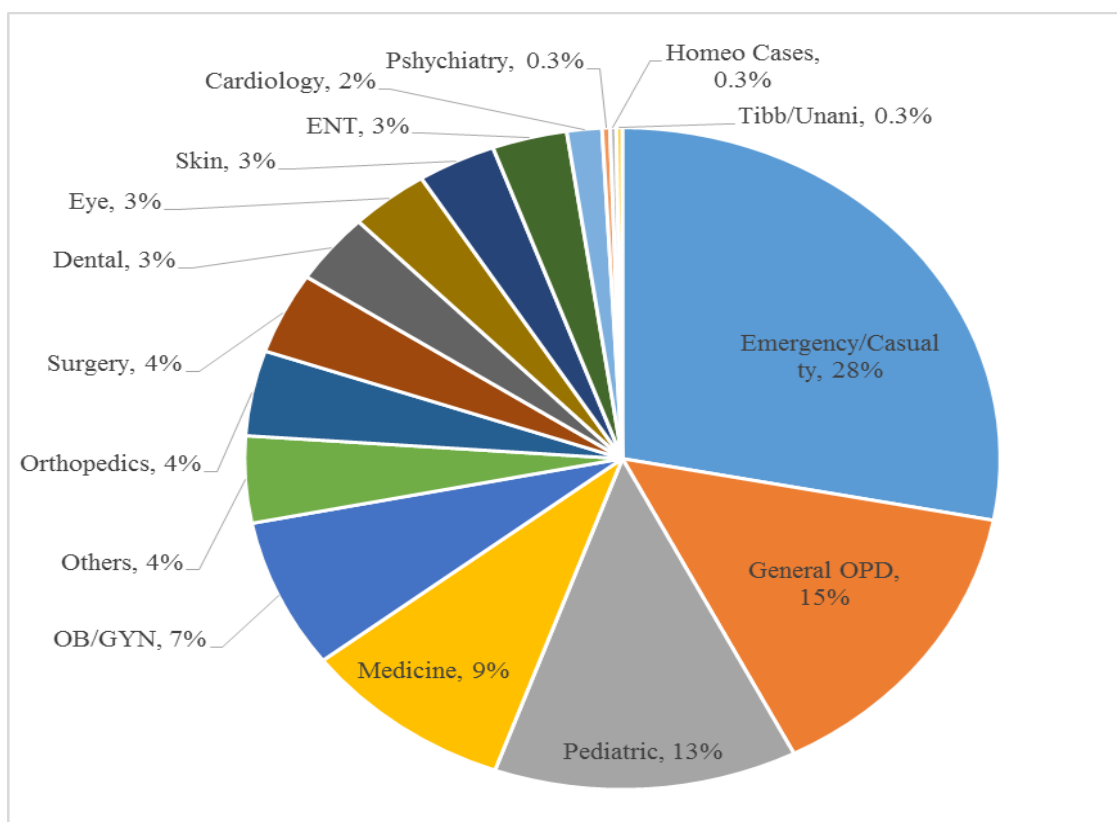
Graph of the indicator **OPD Attendance Specialty wise** shows the percentage of total new patients visits of the facility to different specialties (i.e General OPD, Medicine, Surgery, Pediatric etc). Under the specialty; emergency/casualty, the number and percentage of patients are on top and stands at **6495522** (**28%**) of the total Specialty OPD.

Specialty	New Visits	%age
Emergency/Casualty	6495522	28%
General OPD	3368844	15%
Pediatric	3011392	13%
Medicine	2109338	9%
OB/GYN	1695490	7%
Others	983651	4%
Orthopedics	967188	4%
Surgery	923923	4%
Dental	800740	3%
Eye	782519	3%
Skin	779636	3%
ENT	744525	3%
Cardiology	347953	2%
Pshychiatry	78933	0.3%
Homeo Cases	60678	0.3%
Tibb/Unani	59789	0.3%
Total	23125919	

Number of patients in the specialty of Emergency/Casualty and General OPD are **6,495,522** and **3,368,844** which is **28%** and **15%.**

The disorder of Pediatric and medicine stands at **3,011,392** (**13%**) and **2,109,338** (**9%).**

The Specialty of **Gynea/OBS** and **Orthopedics** reported **1,695,490** (**7%**) and **967,188** (**4%**).

4. Diseases Pattern in Out Patient Department (43 priority diseases)

This indicator will help to understand which disease/cases were attended at the health facilities in a district.

The indicator can trigger a response in terms of additional resource allocation or redistribution of resources according to the disease pattern, or initiating specific preventive, promotive and or curative services at specific area/catchment population. 43 diseases have been selected as "Priority Diseases" in consultation with other stakeholders, the Government of Khyber Pakhtunkhwa has adopted these priority diseases in continuation to the national decision. These diseases are listed in the below table, which present the numbers of patients provided health care services at Primary and Secondary Level Health Facilities.
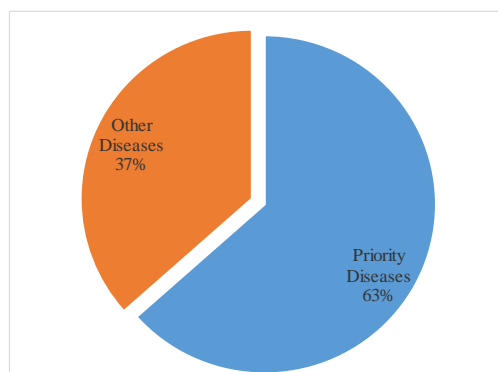
Pie chart shows percentage of Priority diseases **(63%)** and other diseases **(37%)**

Total OPD (January to December 2023)		31761693	
S. No	**Diseases**	**Total**	**%age**
1	Acute (upper) Respiratory Infections (ARI)	4973412	16%
2	Fever due to other causes	1539981	5%
3	Diarrhoea/Dysentery in under 5 yrs	1410331	4%
4	Urinary Tract Infections	1408960	4%
5	Diarrhoea/Dysentery in >5 yrs	1154148	4%
6	Suspected Malaria	1121047	4%
7	Hypertension	1046084	3%
8	Scabies	868845	3%
9	Dental Caries	812916	3%
10	Diabetes Mellitus	752721	2%
11	Peptic Ulcer Diseases	653883	2%
12	Worm infestation	601491	2%
13	Dermatitis	403276	1%
14	Otitis Media	375697	1%
15	Asthma	369568	1%
16	Depression	357123	1%
17	Road traffic accidents	347364	1%
18	Pneumonia under 5 years	272702	1%
19	Enteric / Typhoid Fever	255225	1%
20	Pneumonia >5 years	212673	1%
21	Suspected Viral Hepatitis	170271	1%
22	Fractures	158593	0.5%
23	Ischemic Heart Disease	151438	0.5%
24	Chronic Obstructive Pulmonary Diseases	98702	0.3%
25	TB Suspects	94664	0.3%
26	Cataract	88407	0.3%
27	Dog bite	78923	0.2%
28	Cutaneous Leishmaniasis	54707	0.2%
29	Burns	37328	0.1%

30	Epilepsy	36613	0.1%
31	Benign Enlargement of Prostrate	34174	0.1%
32	Nephritis/Nephrosis	29222	0.1%
33	Drug Dependence	28963	0.1%
34	Suspected Measles	27506	0.1%
35	Trachoma	26577	0.1%
36	Glaucoma	26484	0.1%
37	Sexually Transmitted Infections	23021	0.1%
38	Cirrhosis of Liver	20880	0.1%
39	Suspected Meningitis	15486	0.05%
40	Snake bits (with signs/symptoms of poisoning)	2370	0.01%
41	Suspected Neonatal Tetanus	1797	0.01%
42	Acute Flaccid Paralysis	587	0.002%
43	Suspected HIV/AIDS	63	0.0002%
Total		**20144223**	**63%**

Table shows the overall numbers of priority diseases from January to December 2023.

The top Ten Diseases (among 43 priority diseases) reported in Khyber Pakhtunkhwa Province;
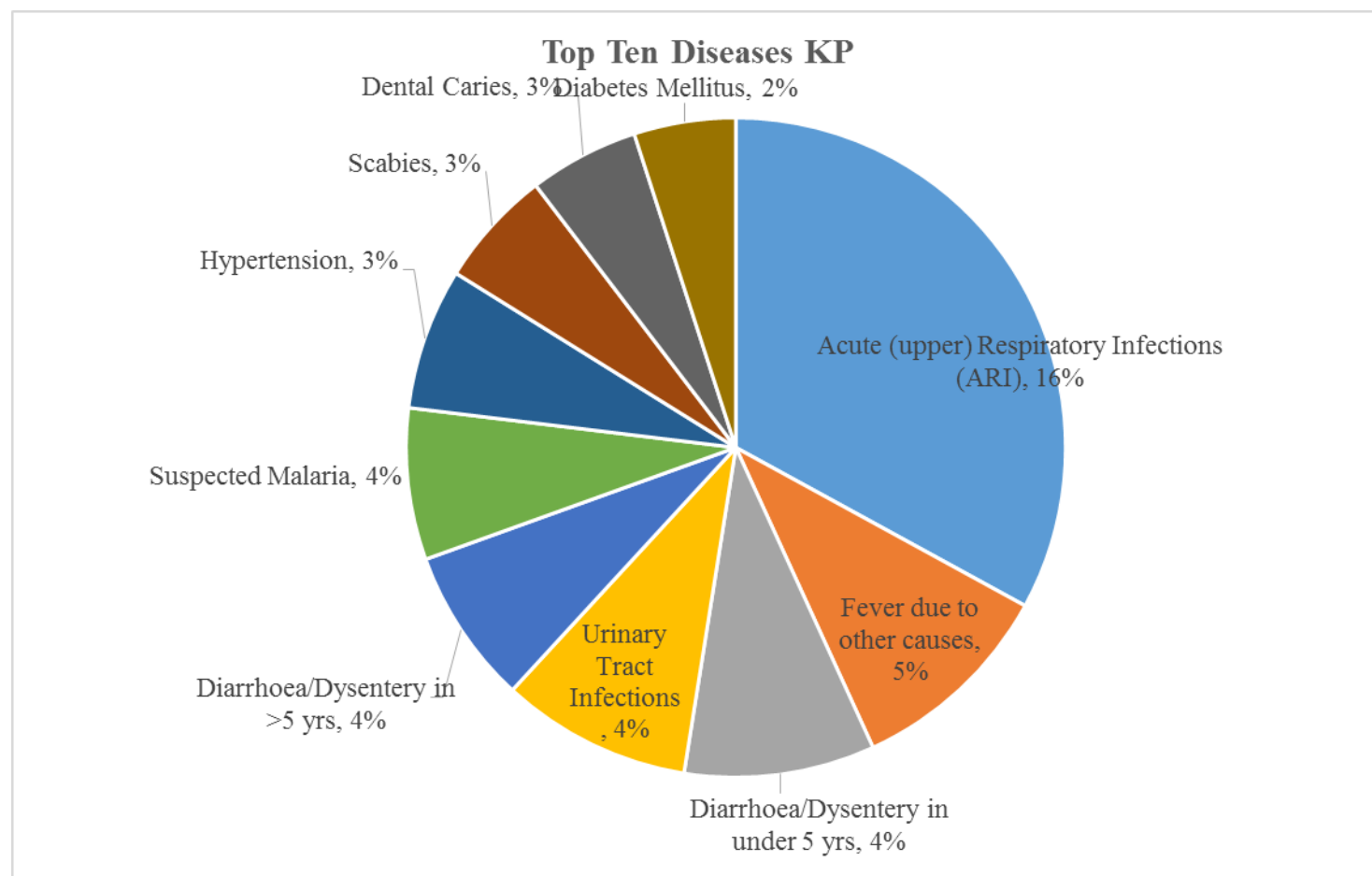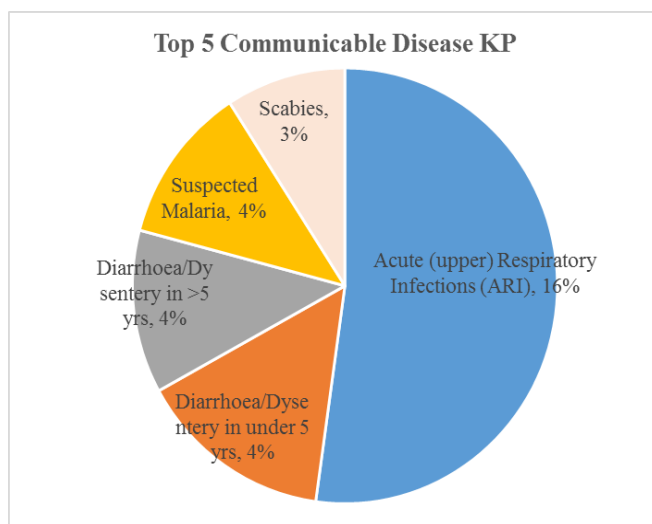
5. COMMUNICABLE AND NON COMMUNICABLE DISEASES

Out of 43 priority diseases, 19 are communicable and 24 are non-communicable diseases. Subsequent analysis shows the most common diseases and disease-wise breakup.

a. COMMUNICABLE DISEASES

Communicable disease is an infectious **disease** transmissible (as from person to person) by direct contact with an affected individual or the individual's discharges or by indirect **means** (as by a vector).

Table shows the number & percentage of Communicable Diseases (January to December, 2023).

Total OPD			31761693	
S. No	Diseases		Total	%age
1	Acute (upper) Respiratory Infections (ARI)		4973412	16%
2	Diarrhoea/Dysentery in under 5 yrs		1410331	4%
3	Diarrhoea/Dysentery in >5 yrs		1154148	4%
4	Suspected Malaria		1121047	4%
5	Scabies		868845	3%
6	Worm infestation		601491	2%
7	Pneumonia under 5 years		272702	1%
8	Enteric / Typhoid Fever		255225	1%
9	Pneumonia >5 years		212673	1%
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11	TB Suspects		94664	0.3%
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15	Sexually Transmitted Infections		23021	0.1%
16	Suspected Meningitis		15486	0.05%
17	Suspected Neonatal Tetanus		1797	0.01%
18	Acute Flaccid Paralysis		587	0.002%
19	Suspected HIV/AIDS		63	0.0002%
	Total		**11284553**	**36%**

Pie chart shows Top 5 Communicable Diseases in Khyber Pakhtunkhwa.

b. NON-COMMUNICABLE DISEASES

A **non-communicable disease** (NCD) is a medical condition or **disease** that is not caused by infectious agents (**non**-infectious or **non**-transmissible). NCDs can refer to chronic **diseases** which last for long periods of time and progress slowly. **NCDs are the leading cause of death globally.**

| Total OPD			31761693
S. No	**Diseases**	**Total**	**%age**
1	Fever due to other causes	1539981	5%
2	Urinary Tract Infections	1408960	4%
3	Hypertension	1046084	3%
4	Dental Caries	812916	3%
5	Diabetes Mellitus	752721	2%
6	Peptic Ulcer Diseases	653883	2%
7	Dermatitis	403276	1%
8	Otitis Media	375697	1%
9	Asthma	369568	1%
10	Depression	357123	1%
11	Road traffic accidents	347364	1%
12	Fractures	158593	0.5%
13	Ischemic Heart Disease	151438	0.5%
14	Chronic Obstructive Pulmonary Diseases	98702	0.3%
15	Cataract	88407	0.3%
16	Dog bite	78923	0.2%
17	Burns	37328	0.1%
18	Epilepsy	36613	0.1%
19	Benign Enlargement of Prostrate	34174	0.1%
20	Nephritis/Nephrosis	29222	0.1%
21	Drug Dependence	28963	0.1%
22	Glaucoma	26484	0.1%
23	Cirrhosis of Liver	20880	0.1%
24	Snake bits (with signs/symptoms of poisoning)	2370	0.01%
	Total	**8859670**	**28%**

Top 5 Non Communicable Diseases KP
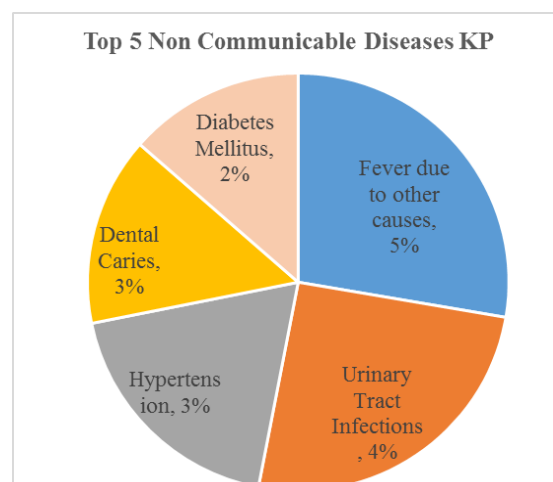
Table and Graph illustrates the trend of non-communicable diseases in Khyber Pakhtunkhwa province during January to December 2023.

6. Average number of Antenatal Care Services in the Health Facility

Antenatal care is an indicator of access and utilization of health care services during pregnancy. It is a measure of the percent of pregnant women who utilize antenatal care services provided at the government health facility at least once during their current pregnancy. **Table and Graph** illustrates the statistical analysis about data regarding First Antenatal care services (ANC-1) in government health facilities. Swat, Peshawar, and Mardan have the most numbers among all the districts.

| S. No	District	ANC-1
1	Swat	103559
2	Peshawar	89787
3	Mardan	67687
4	Dir Lower	52272
5	D.I. Khan	52261
6	Abbottabad	51768
7	Mansehra	51555
8	Malakand	51550
9	Haripur	50915
10	Charsadda	48095
11	Nowshera	46047
12	Bajaur	44946
13	Bannu	41079
14	Swabi	39138
15	Lakki Marwat	36112
16	Kohat	35404
17	Dir Upper	35244
18	Battagram	32820
19	Khyber	31680
20	Mohmand	30514
21	Karak	28761
22	Buner	26412
23	Shangla	25386
24	Hangu	25046
25	Tank	20116
26	Chitral Lower	18389
27	Kurrum	15572
28	South Waziristan	14251
29	North Waziristan	13588
30	Orakzai	9548
31	Tor Ghar	4899
32	Chitral Upper	3833
33	FR Bannu	3156
34	FR Kohat	3094
35	FR Peshawar	2865
36	Kohistan Lower	2198
37	Kolai Palas	2198
38	Kohistan Upper	2185
39	FR Tank	1534
40	FR D.I. Khan	1346
41	FR Lakki	78
Total		**1216888**
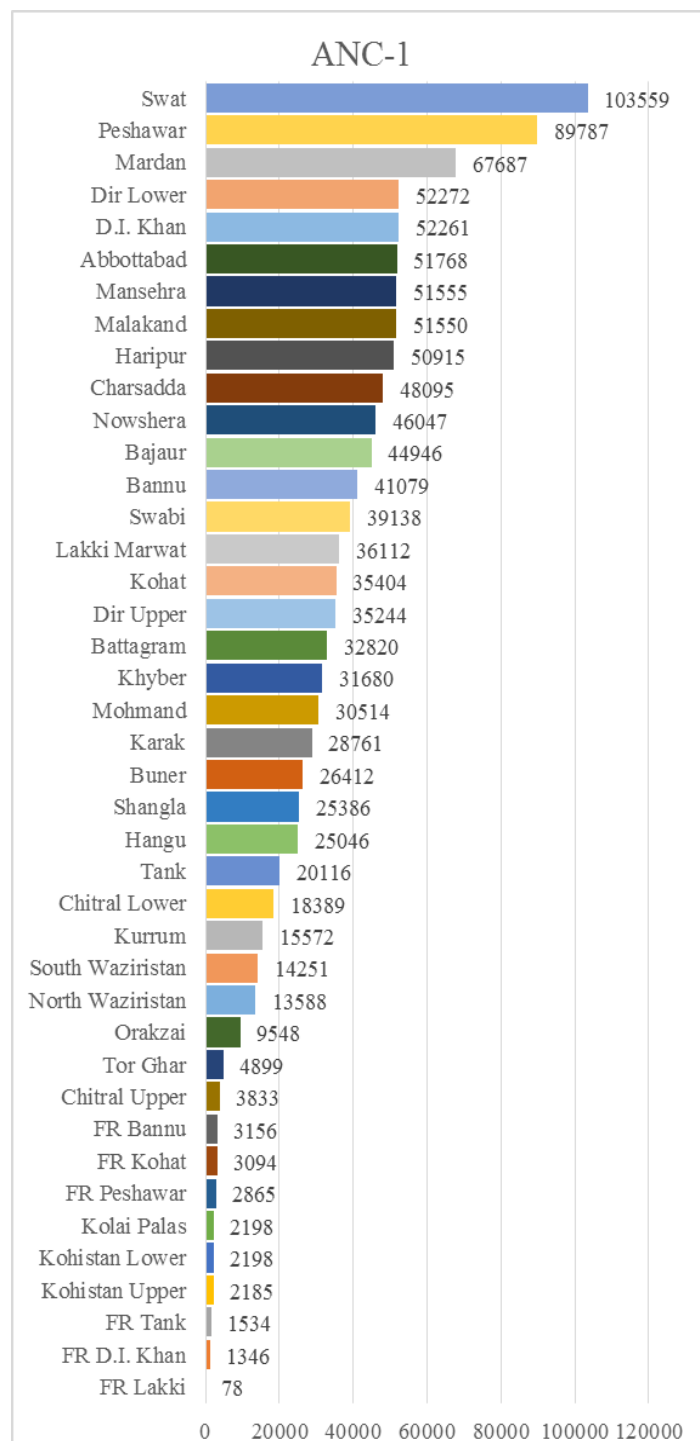
ANC-1 indicator indicates that how many pregnant women in the catchment area population are covered through the facility for antenatal care services. It reflects the integrity of referral linkages between LHW and the facility-based health care providers, the extent of mobilization of pregnant women or their families to utilize maternal health services from the government health facilities and or the trust of the community on the public health facilities/providers. It will also provide information about the registration of pregnant women in health facilities for availing the ANC-1 services.

7. District Wise Average Number of Deliveries in the government health facilities

This indicator is reflective of the confidence shown by the general public in the government health facilities for carrying out deliveries. **(January to December, 2023);**

District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Swat	2687	2547	2643	2698	2484	2495	2645	2424	2194	2738	2861	1535	2496
Peshawar	1739	1554	1652	1406	1542	1410	1417	1704	1616	1784	1682	1680	1599
Mardan	1678	1502	1512	1428	1312	1258	1393	1589	1470	1728	1670	1718	1522
Malakand	1507	1697	1659	1362	1231	1239	1261	1438	1381	1466	1594	1722	1463
Dir Upper	1334	1092	1304	1331	1197	1231	1261	1208	1004	1013	1001	1212	1182
Charsadda	1534	1408	1423	1200	1314	1345	1324	1508	383	421	1698	405	1164
Mansehra	1117	983	1014	948	929	817	732	908	870	3059	910	852	1095
Kohat	1118	1055	1167	1072	1026	1024	983	1077	1053	1169	1103	1073	1077
Khyber	1110	1050	1193	1089	893	831	953	981	1014	982	1003	1012	1009
Bajaur	1128	935	1043	1088	961	1024	899	959	858	909	1056	1134	1000
Haripur	1076	934	1029	878	951	919	992	1038	974	1100	998	968	988
Dir Lower	948	902	985	899	828	807	677	741	702	948	988	1059	874
Kurrum	938	1072	991	951	914	679	740	785	718	812	794	786	848
Buner	775	785	806	789	720	731	819	842	692	785	831	762	778
Abbottabad	660	686	753	708	776	626	753	710	658	801	782	708	718
Nowshera	787	725	377	665	379	610	627	841	724	785	429	463	618
Lakki Marwat	719	685	632	501	473	474	599	600	624	605	620	605	595
D.I. Khan	674	562	611	457	484	423	543	559	544	616	670	685	569
Shangla	597	499	634	641	563	600	553	545	382	534	550	686	565
Chitral Lower	566	570	651	637	573	593	607	558	493	465	492	480	557
Battagram	394	402	437	507	418	427	421	427	1251	437	572	572	522
Hangu	457	454	521	535	471	526	481	384	359	370	396	352	442
Karak	388	346	430	380	381	337	426	420	475	587	552	525	437
Bannu	252	1802	279	272	296	261	275	292	258	284	351	224	404
Swabi	309	385	407	351	338	287	379	449	307	460	524	477	389
North Waziristan	495	529	418	320	435	272	403	417	332	338	302	333	383
Mohmand	426	368	371	374	340	263	275	334	339	340	305	365	342
Tank	367	304	287	352	267	236	254	374	319	335	359	339	316
South Waziristan	288	360	221	293	257	319	331	364	307	301	296	330	306
Orakzai	172	243	262	224	192	176	154	135	170	120	150	162	180
Chitral Upper	126	122	183	175	187	143	155	134	112	100	94	100	136
Tor Ghar	113	88	76	68	102	80	74	67	61	67	67	56	77
FR D.I. Khan	78	52	59	62	39	23	33	47	41	44	28	33	45
Kohistan Upper	6	27	20	5	38	10	18	9	11	41	164	131	40
Kohistan Lower	31	32	21	28	30	25	21	25	31	54	62	111	39
Kolai Palas	0	0	0	28	31	18	20	16	33	39	82	73	28
FR Bannu	43	28	34	14	30	38	9	35	38	16	20	29	28
FR Tank	15	16	19	16	20	12	12	9	11	13	15	10	14
FR Kohat	9	16	12	9	14	13	16	1	35	14	12	10	13
FR Peshawar	5	1	3	2	5	1	4	4	7	1	4	5	4
FR Lakki	7	0	8	0	12	0	0	0	6	7	0	0	3

District **Swat** is on top position of all the districts with average number of deliveries **2496** in government health facilities. Districts Peshawar to Bajaur reported within the range of **1000 to 1600** average number of deliveries conducted in the government health facilities in 2023.
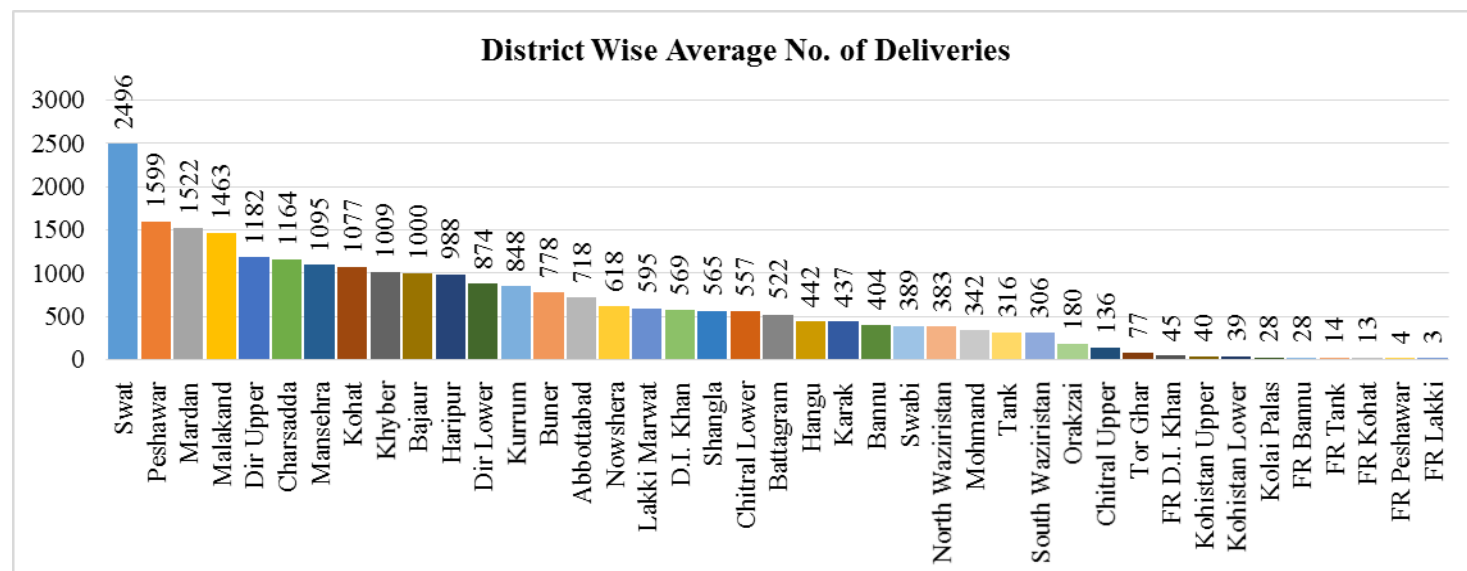

Primary and secondary health facilities need further strengthening while tertiary care hospitals need to be further improved as well. Figures from tertiary hospitals are not added to these figures; if added these figures will change significantly. MTI Hospitals are not included in this list.

8. Family Planning Visits

Family planning refers to the factors that may be considered by a couple in a committed relationship and each individual involved in deciding if and when to have children.

DISTRICT	Population	16% of Total Population	FP Visits	%age
Battagram	554133	88661	16949	19%
Bannu	1357890	217262	24616	11%
Malakand	826250	132200	14694	11%
Mohmand	553933	88629	9661	11%
Chitral Lower	320407	51265	5347	10%
Shangla	981252	157000	14901	9%
Dir Upper	1083566	173371	12660	7%
Chitral Upper	195528	31284	2010	6%
Kurrum	785434	125669	7264	6%
Karak	815878	130540	7544	6%
Charsadda	1835504	293681	16740	6%
Kohat	1234661	197546	11120	6%
Mansehra	1797177	287548	14382	5%
Lakki Marwat	1040856	166537	8122	5%
Swat	2687384	429981	20884	5%
Abbottabad	1419072	227052	9726	4%
Nowshera	1740705	278513	11587	4%
Mardan	2744898	439184	17058	4%
Hangu	528902	84624	3276	4%
D.I. Khan	1829811	292770	11107	4%
Orakzai	387561	62010	2342	4%

Bajaur	1287960	206074	7479	4%
Buner	1016869	162699	5860	4%
Tank	470293	75247	2498	3%
Peshawar	4758762	761402	25273	3%
Haripur	1174783	187965	6001	3%
Dir Lower	1650183	264029	8125	3%
Khyber	1146267	183403	5132	3%
Swabi	1894600	303136	3666	1%
Tor Ghar	200445	32071	308	1%
Kohistan Upper	422947	67672	369	1%
Kohistan Lower	340017	54403	208	0.4%
South Waziristan	888675	142188	57	0.04%
Kolai Palas	280162	44826	5	0.01%
North Waziristan	693332	110933	1	0.001%
Total	**40946097**	**6551376**	**306972**	**5%**

Family Planning Visits
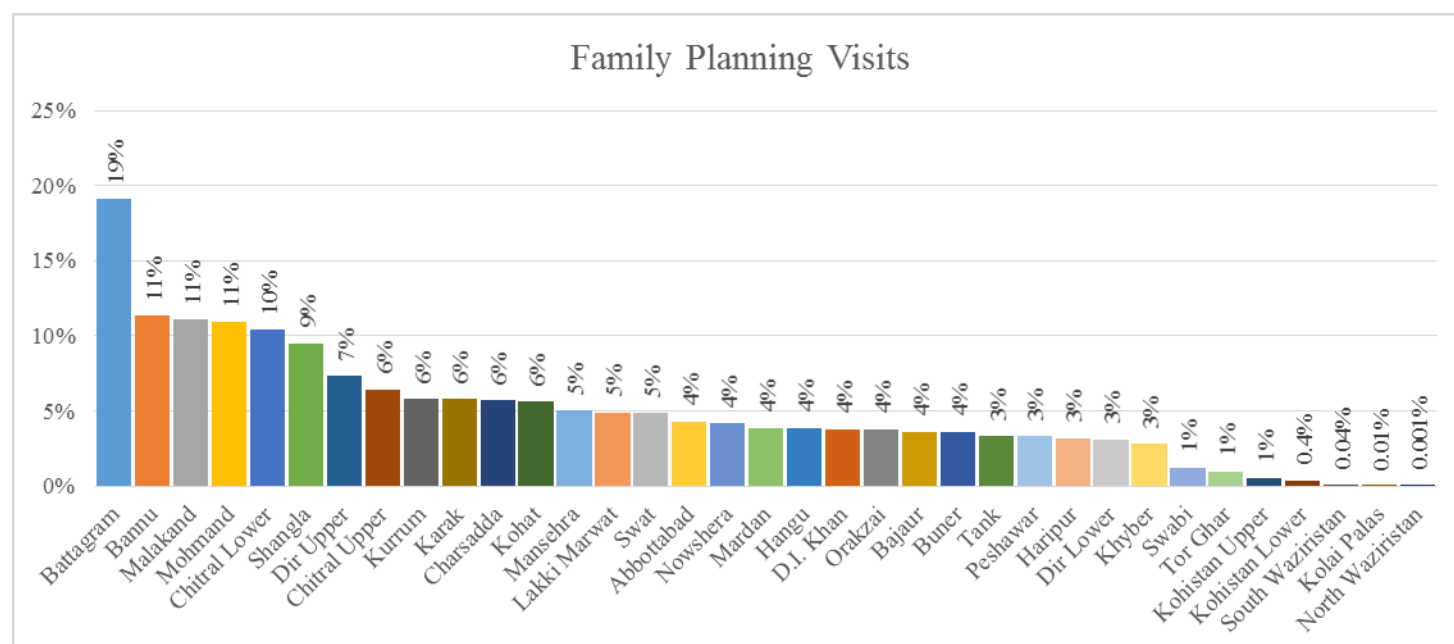
9. Family Planning Services & Commodities Provided

The indicator District-wise Family Planning Services & Commodities provided is one of the most important indicators in health services. This reflects the results of all of the districts and show that which family planning services has taken by the couple.

DISTRICT	COC cycles	POP cycles	DMPA inj.	Net-En Inj.	Condom Pieces	IUCD	Tubal Ligation	Vasectomy	Implants
Bannu	12700	2142	7191	104	61704	1082	1	0	19
D.I. Khan	2281	360	1588	443	13431	974	95	2	118
Lakki Marwat	3992	762	2797	383	26865	1136	21	0	0
Tank	4114	102	2536	68	14718	1857	4	0	244
Abbottabad	18125	198	1965	29	16018	802	12	0	0
Haripur	2393	352	1653	163	10424	940	52	0	82
Kohistan Upper	19	14	18	6	0	9	3	0	1

District	COC cycles	POP cycles	DMPA inj.	Net-En Inj.	Condom Pieces	IUCD	Tubal Ligation	Vasectomy	Implants
Mansehra	6487	1416	4202	241	32481	1348	78	9	178
Battagram	3783	153	3166	128	4639	618	49	2	2
Tor Ghar	16	2	33	2	0	2	0	0	0
Kohistan Lower	0	0	17	131	0	2	0	0	0
Kolai Palas	0	0	2	0	5	0	0	0	0
Karak	2309	1455	3836	2215	28201	1551	14	0	42
Kohat	3261	829	3747	14	15586	1396	216	0	677
Hangu	2408	257	946	6	8572	256	0	0	2
Buner	1565	207	2154	75	29906	224	3	0	0
Chitral Lower	1289	212	3629	48	1062	226	1	0	110
Dir Lower	4204	1036	4315	72	22661	576	751	14	10
Malakand	3140	286	3394	21	36219	438	21	0	1
Swat	2614	136	6351	155	15241	1804	69	0	420
Dir Upper	1610	744	5695	3410	13650	284	0	0	1
Shangla	4182	6598	9822	221	7609	874	570	249	56
Chitral Upper	159	200	809	38	687	31	0	0	70
Mardan	5734	613	4814	352	67603	820	472	0	392
Swabi	508	96	1441	96	1145	93	13	0	7
Charsadda	5626	454	5914	1610	83752	1544	9	0	270
Nowshera	3622	327	3534	68	37611	1935	57	0	264
Peshawar	8655	1652	6113	748	68014	2201	89	0	325
Bajaur	3575	344	1861	54	26061	219	3	1	1
Mohmand	4504	1054	3266	272	49448	329	5	0	11
Khyber	2076	325	1824	686	46224	696	9	0	39
Kurrum	2255	471	862	188	33830	248	3	0	0
Orakzai	363	420	536	70	1757	85	1	0	4
North Waziristan	28	0	1	0	0	0	0	0	0
South Waziristan	23	10	4	5	22	24	4	2	0
Total	117620	23227	100036	12122	775146	24624	2625	279	3346

In the modern method of the family planning services, the condom is one of the most effective and simple method and couple preferred to take these services from health institutions. Some of the couple preferred to take other family planning services i.e. COC cycles, POP Cycles or DPMA injections etc.

Commodities	Total
Condom Pieces	775146
COC cycles	117620
DMPA inj.	100036
IUCD	24624
POP cycles	23227
Net-En Inj.	12122
Implants	3346
Tubal Ligation	2625
Vasectomy	279

Family Planning Services and Commodities

Condom Pieces	775146
COC cycles	117620
DMPA inj.	100036
IUCD	24624
POP cycles	23227
Net-En Inj.	12122
Implants	3346
Tubal Ligation	2625
Vasectomy	279
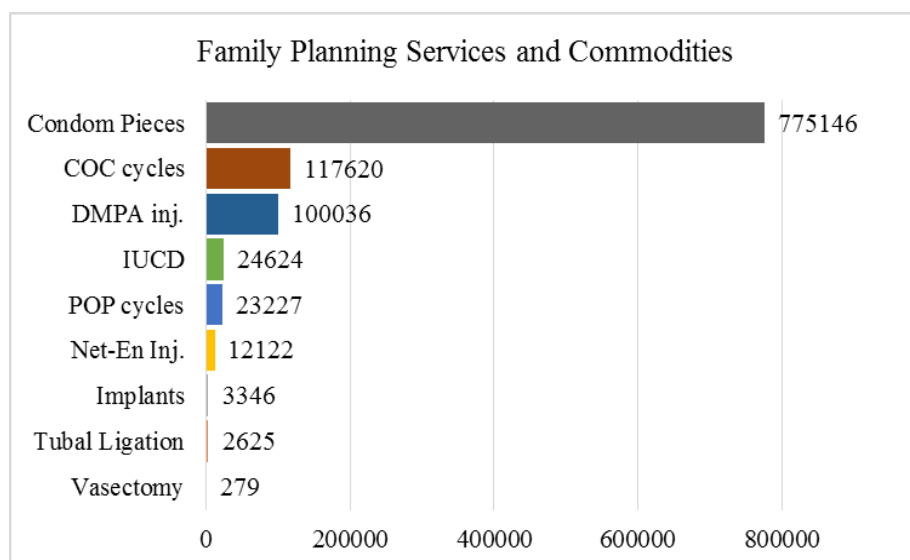
10. Intensive-Phase TB-DOTS Patients

Tuberculosis requires regular and uninterrupted treatment and a person missing the treatment poses a great threat for developing a resistant form of the disease; so the number of patients missing their treatment for more than a week needs to be actively traced and convinced to continue the treatment.
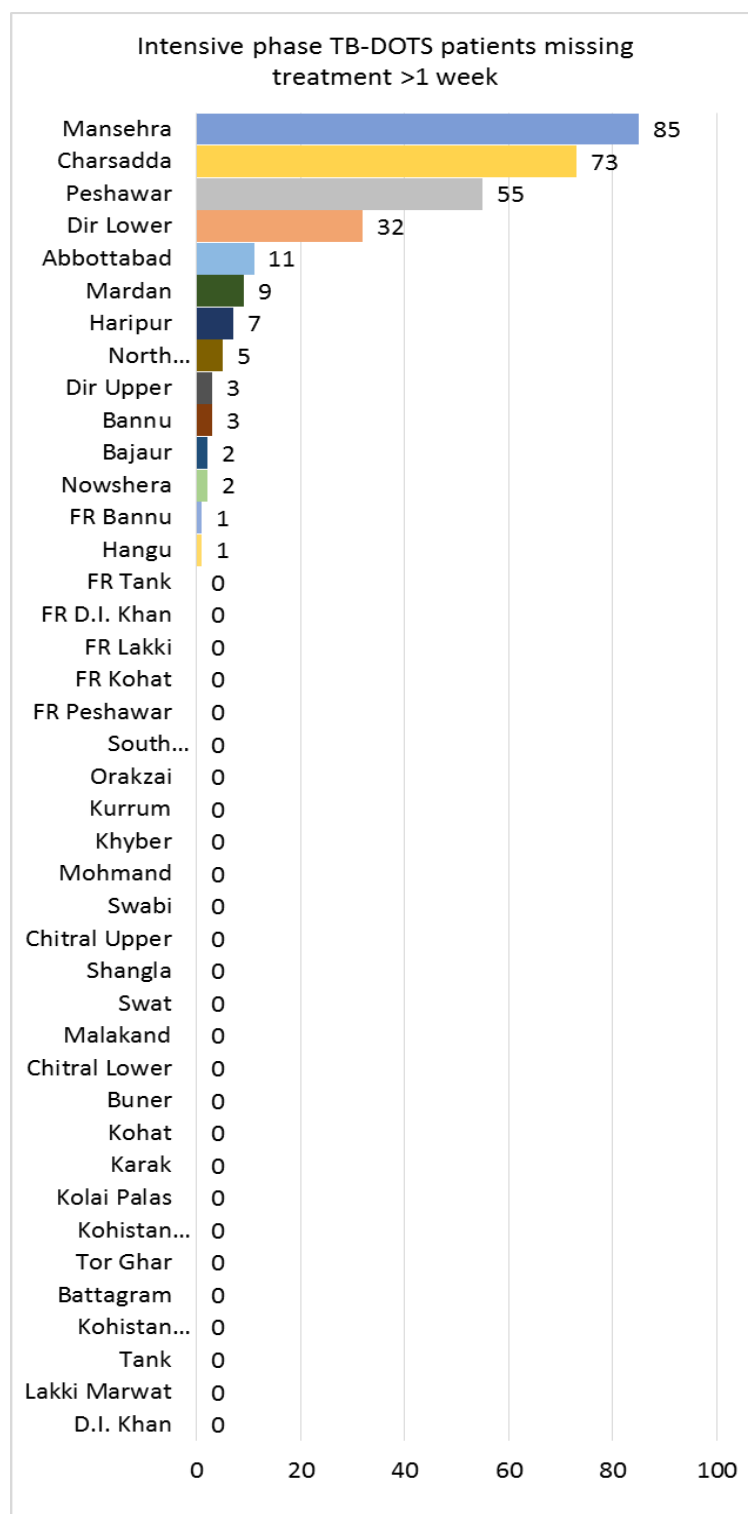
DISTRICT	Intensive-Phase TB-DOTS Patients
Charsadda	2818
Swat	1784
Khyber	1458
Bannu	1356
Mardan	1266
Kohat	1128
Mansehra	1121
Dir Upper	908
Dir Lower	853
Peshawar	849
Shangla	829
Haripur	826
D.I. Khan	811
Abbottabad	787
Battagram	754
Bajaur	753
Nowshera	669
Kurrum	622
Tank	593
Lakki Marwat	499
Mohmand	483
Karak	439
Chitral Lower	366
Buner	359
North Waziristan	302
South Waziristan	273
Hangu	249
Kohistan Upper	199
Kohistan Lower	180
Malakand	122
FR Bannu	113
Swabi	112
Orakzai	75
Chitral Upper	67
FR Peshawar	44
Tor Ghar	6
Kolai Palas	0
FR Kohat	0
FR Lakki	0
FR D.I. Khan	0
FR Tank	0

Intensive-Phase TB-DOTS Patients
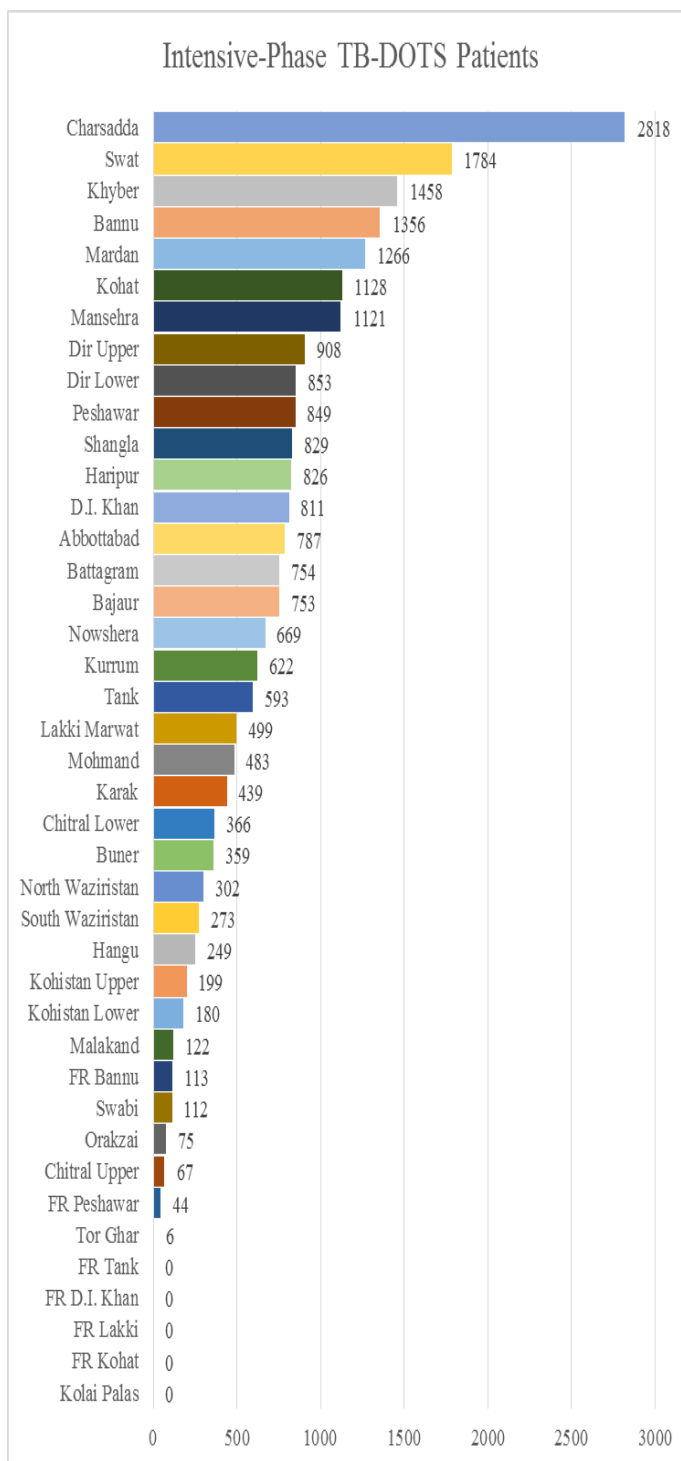
11. Proportion of Intensive phase TB-DOTS patients missing treatment >1 week

This indicator measures the proportion of TB-DOTS intensive phase patients missing treatment more than one week. This is suggestive of the performance of the TB-DOTS treatment center and the associated treatment supporters.

DISTRICT	Intensive phase TB-DOTS patients missing treatment >1 week
Mansehra	85
Charsadda	73
Peshawar	55
Dir Lower	32
Abbottabad	11
Mardan	9
Haripur	7
North Waziristan	5
Bannu	3
Dir Upper	3
Nowshera	2
Bajaur	2
Hangu	1
FR Bannu	1
D.I. Khan	0
Lakki Marwat	0
Tank	0
Kohistan Upper	0
Battagram	0
Tor Ghar	0
Kohistan Lower	0
Kolai Palas	0
Karak	0
Kohat	0
Buner	0
Chitral Lower	0
Malakand	0
Swat	0
Shangla	0
Chitral Upper	0
Swabi	0
Mohmand	0
Khyber	0
Kurrum	0
Orakzai	0
South Waziristan	0
FR Peshawar	0
FR Kohat	0
FR Lakki	0
FR D.I. Khan	0
FR Tank	0
Total	**289**

Intensive phase TB-DOTS patients missing treatment >1 week

District	Value
Mansehra	85
Charsadda	73
Peshawar	55
Dir Lower	32
Abbottabad	11
Mardan	9
Haripur	7
North...	5
Dir Upper	3
Bannu	3
Bajaur	2
Nowshera	2
FR Bannu	1
Hangu	1
FR Tank	0
FR D.I. Khan	0
FR Lakki	0
FR Kohat	0
FR Peshawar	0
South...	0
Orakzai	0
Kurrum	0
Khyber	0
Mohmand	0
Swabi	0
Chitral Upper	0
Shangla	0
Swat	0
Malakand	0
Chitral Lower	0
Buner	0
Kohat	0
Karak	0
Kolai Palas	0
Kohistan...	0
Tor Ghar	0
Battagram	0
Kohistan...	0
Tank	0
Lakki Marwat	0
D.I. Khan	0

Under TB-DOTS, if a patient misses his/her treatment for more than 2 consecutive weeks during the initial intensive phase, he/she must be traced by the health worker or by the treatment supporter.

In the continuation phase of treatment, if patient fails to collect his drugs within one week of drug collection day, she/he must be traced by health workers.

12. Immunization Status (from EPI Indicator)

Immunization is the process whereby a person is made immune or resistant to an infectious disease, typically by the administration of a vaccine. Vaccines stimulate the body's own immune system to protect the person against subsequent infection or disease.

Immunization is a proven tool for controlling and eliminating life-threatening infectious diseases. It is one of the most cost-effective health investments, with proven strategies that make it accessible to even the most hard-to-reach and vulnerable populations. It has clearly defined target groups; it can be delivered effectively through outreach activities; and vaccination does not require any major lifestyle change.

a. **Children under 12 months received 3rd Pentavalent vaccine**

Pentavalent vaccine is five individual vaccines conjugated in one intended to actively protect infant children from 5 potentially deadly diseases: Haemophilus Influenza type B (a bacteria that causes meningitis, pneumonia and otitis), whooping cough, tetanus, hepatitis B and diphtheria.

DISTRICT	Population	Expected Children	Children Received 3rd Pentavalent Vaccine	%age
Dir Upper	1,083,566	31,423	30939	98%
Bajaur	1,287,960	37,351	36527	98%
Buner	1,016,869	29,489	28499	97%
Swat	2,687,384	77,934	72746	93%
Hangu	528,902	15,338	13489	88%
Mohmand	553,933	16,064	13441	84%
Malakand	826,250	23,961	19621	82%
Dir Lower	1,650,183	47,855	37723	79%
Haripur	1,174,783	34,069	26728	78%
Charsadda	1,835,504	53,230	41706	78%
Mardan	2,744,898	79,602	60877	76%
Battagram	554,133	16,070	12220	76%
Tank	470,293	13,638	10242	75%
Nowshera	1,740,705	50,480	37498	74%
Abbottabad	1,419,072	41,153	30423	74%
Chitral Lower	320,407	9,292	6848	74%
Mansehra	1,797,177	52,118	37269	72%
Khyber	1,146,267	33,242	23365	70%
Swabi	1,894,600	54,943	38425	70%
Shangla	981,252	28,456	19694	69%
Peshawar	4,758,762	138,004	92092	67%
D.I. Khan	1,829,811	53,065	35221	66%
Karak	815,878	23,660	15572	66%
Bannu	1,357,890	39,379	25695	65%
Lakki Marwat	1,040,856	30,185	19038	63%

Kohat	1,234,661	35,805	21622	60%
Kurrum	785,434	22,778	10982	48%
Orakzai	387,561	11,239	5344	48%
Chitral Upper	195,528	5,670	2604	46%
Kolai Palas	280,162	8,125	2655	33%
Tor Ghar	200,445	5,813	1599	28%
Kohistan Upper	422,947	12,265	3025	25%
Kohistan Lower	340,017	9,860	2242	23%
South Waziristan	888,675	25,772	2904	11%
North Waziristan	693,332	20,107	1813	9%
Total	40,946,097	1,187,437	840688	70.80

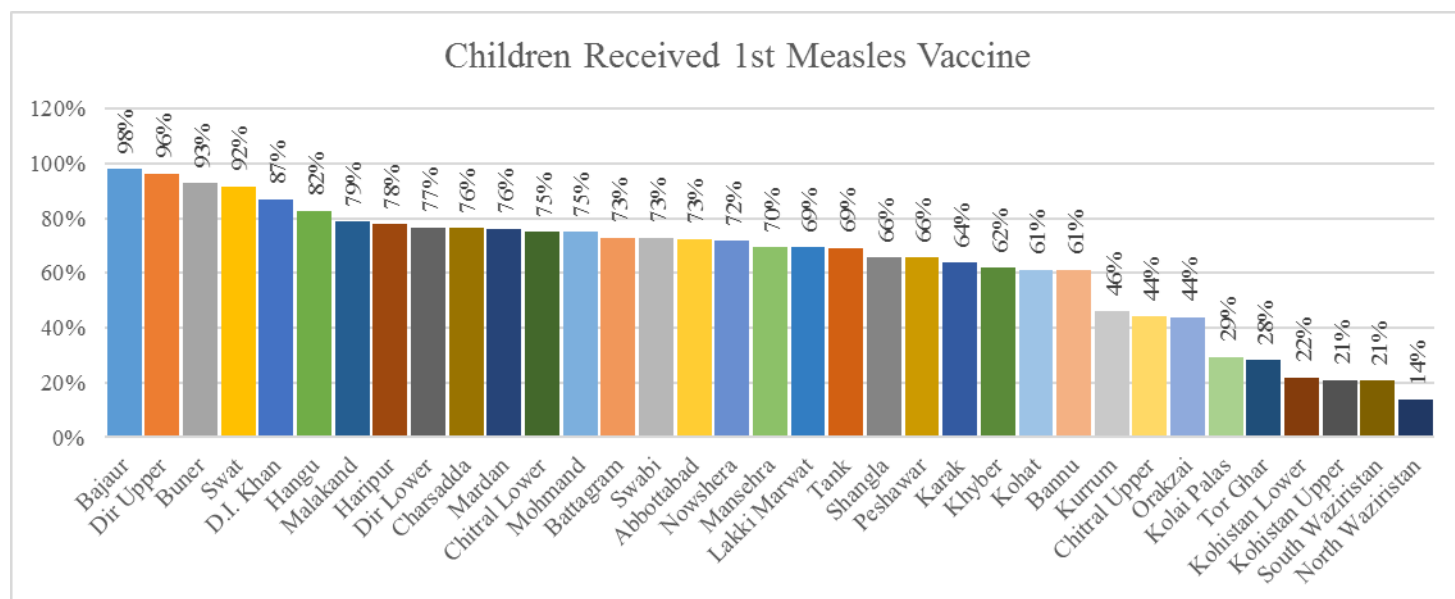Children Received 3rd Pentavalent Vaccine
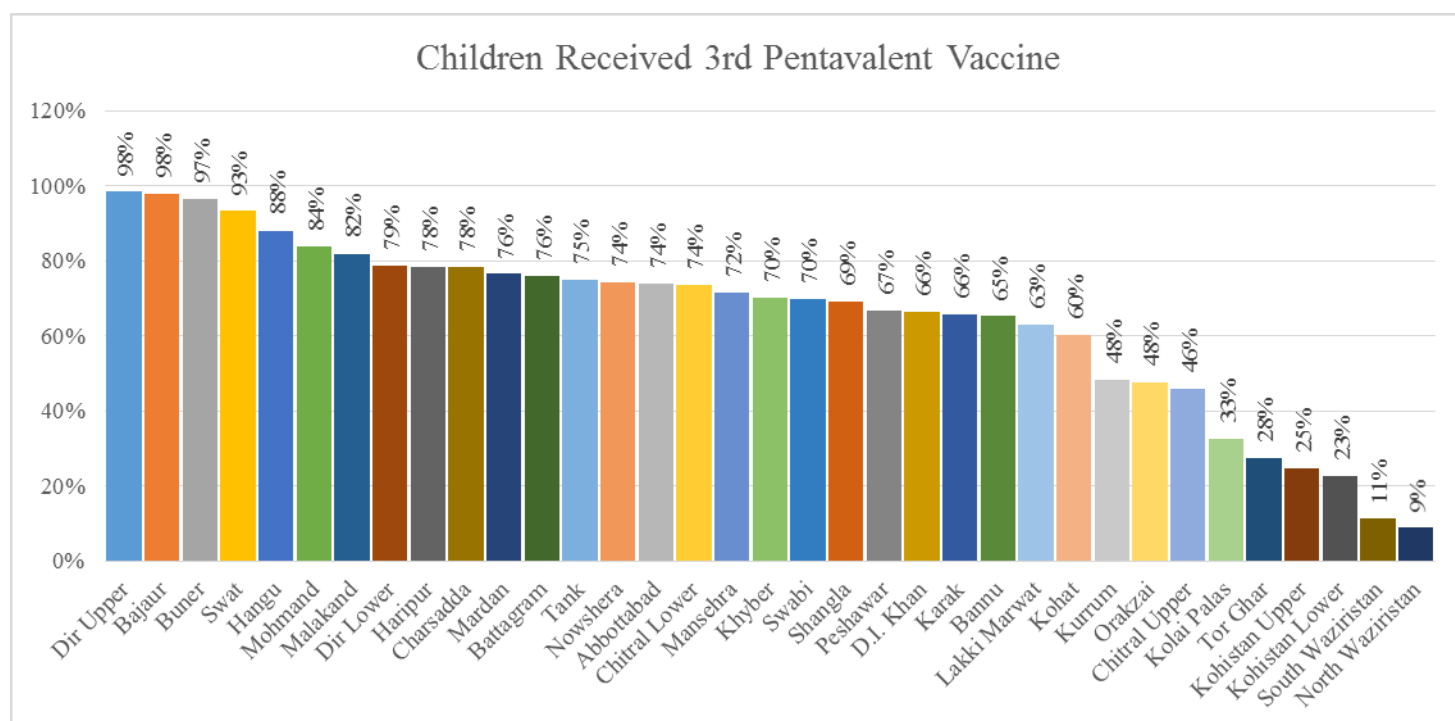
b. Children under 12 months received 1st Measles Vaccine

Measles, also known as morbilli, rubeola or red measles, is a highly contagious infection caused by the measles virus. Measles is an airborne disease which spreads easily through cough and sneezes of those infected. Testing for the virus in suspected cases is important for public health efforts. Following data reflects children under 12 Months of age getting 1st Measles Vaccine. Percentage is also computed to rank the performance of districts.

DISTRICT	Population	Expected Children	Children Received 1st Measles Vaccine	%age
Bajaur	1,287,960	37,351	36552	98%
Dir Upper	1,083,566	31,423	30272	96%
Buner	1,016,869	29,489	27384	93%
Swat	2,687,384	77,934	71424	92%
D.I. Khan	1,829,811	53,065	45971	87%
Hangu	528,902	15,338	12646	82%
Malakand	826,250	23,961	18908	79%

Haripur	1,174,783	34,069	26543	78%
Dir Lower	1,650,183	47,855	36683	77%
Charsadda	1,835,504	53,230	40659	76%
Mardan	2,744,898	79,602	60599	76%
Chitral Lower	320,407	9,292	6968	75%
Mohmand	553,933	16,064	12031	75%
Battagram	554,133	16,070	11715	73%
Swabi	1,894,600	54,943	40036	73%
Abbottabad	1,419,072	41,153	29848	73%
Nowshera	1,740,705	50,480	36275	72%
Mansehra	1,797,177	52,118	36240	70%
Lakki Marwat	1,040,856	30,185	20911	69%
Tank	470,293	13,638	9424	69%
Shangla	981,252	28,456	18726	66%
Peshawar	4,758,762	138,004	90585	66%
Karak	815,878	23,660	15124	64%
Khyber	1,146,267	33,242	20618	62%
Kohat	1,234,661	35,805	21909	61%
Bannu	1,357,890	39,379	24093	61%
Kurrum	785,434	22,778	10501	46%
Chitral Upper	195,528	5,670	2504	44%
Orakzai	387,561	11,239	4931	44%
Kolai Palas	280,162	8,125	2390	29%
Tor Ghar	200,445	5,813	1643	28%
Kohistan Lower	340,017	9,860	2148	22%
Kohistan Upper	422,947	12,265	2564	21%
South Waziristan	888,675	25,772	5369	21%
North Waziristan	693,332	20,107	2770	14%
Total	**40,946,097**	**1,187,437**	**836,964**	**70%**

Children Received 1st Measles Vaccine

c. Children under 12 months Fully Immunized

Fully Immunization Coverage is the measure of the percentage of children under two-year age who have received all doses of BCG vaccine, three doses of polio and pentavalent vaccines and 2 doses of measles vaccine in a given year.

| DISTRICT	Population	Expected Children	Children Fully Immunized	%age
Bajaur	1,287,960	37,351	35143	94%
Buner	1,016,869	29,489	27444	93%
Dir Upper	1,083,566	31,423	29057	92%
Swat	2,687,384	77,934	68723	88%
Malakand	826,250	23,961	18592	78%
Haripur	1,174,783	34,069	26152	77%
Hangu	528,902	15,338	11689	76%
Dir Lower	1,650,183	47,855	36304	76%
Charsadda	1,835,504	53,230	39239	74%
Mardan	2,744,898	79,602	58402	73%
Abbottabad	1,419,072	41,153	29817	72%
Mohmand	553,933	16,064	11508	72%
Battagram	554,133	16,070	11433	71%
Swabi	1,894,600	54,943	39000	71%
Nowshera	1,740,705	50,480	34889	69%
Mansehra	1,797,177	52,118	35762	69%
Chitral Lower	320,407	9,292	6371	69%
Karak	815,878	23,660	15093	64%
Peshawar	4,758,762	138,004	86948	63%
D.I. Khan	1,829,811	53,065	33088	62%
Shangla	981,252	28,456	17669	62%
Kohat	1,234,661	35,805	21874	61%
Tank	470,293	13,638	8111	59%
Bannu	1,357,890	39,379	21778	55%
Khyber	1,146,267	33,242	17635	53%
Kurrum	785,434	22,778	10496	46%
Lakki Marwat	1,040,856	30,185	13326	44%
Chitral Upper	195,528	5,670	2301	41%
Orakzai	387,561	11,239	4379	39%
Tor Ghar	200,445	5,813	1622	28%
Kolai Palas	280,162	8,125	2042	25%
Kohistan Lower	340,017	9,860	1787	18%
Kohistan Upper	422,947	12,265	2194	18%
South Waziristan	888,675	25,772	3731	14%
North Waziristan	693,332	20,107	844	4%
Total	40,946,097	1,187,437	784443	66%

Children Fully Immunized
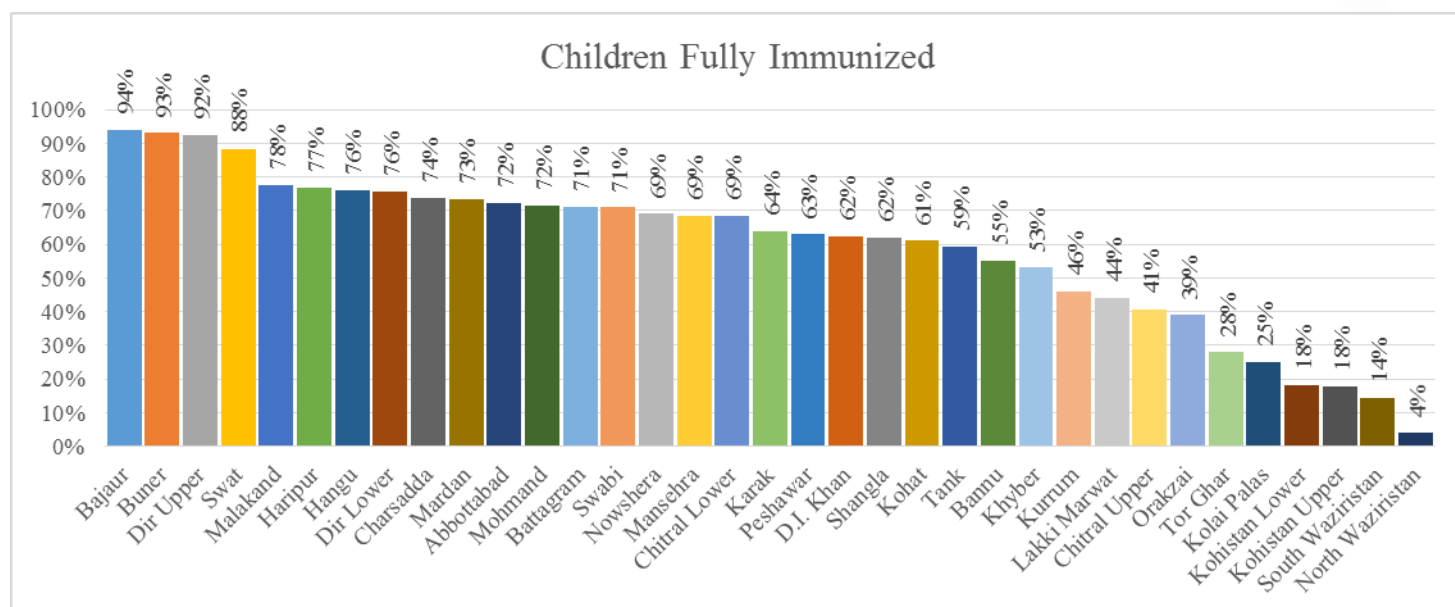
d. Pregnant women received TT-2 vaccine

During January to December 2023, out of **1,392,167** expected pregnant women, **574,403 (*40%*)** women received **TT-2** vaccination. Among districts there is a variation that ranges from **82% to 8%.** Most of the districts fall under **82% to 30%.** District Hangu to North Waziristan reported **28% to 8%** respectively.

DISTRICT	Population	Expected Pregnancies	Pregnant Women Received TT-2 Vaccine	%age
Charsadda	1,835,504	62,407	51477	82%
Buner	1,016,869	34,574	21562	62%
Dir Upper	1,083,566	36,841	22252	60%
Malakand	826,250	28,093	16835	60%
Swat	2,687,384	91,371	53087	58%
Haripur	1,174,783	39,943	21531	54%
Khyber	1,146,267	38,973	19185	49%
Bajaur	1,287,960	43,791	21286	49%
Dir Lower	1,650,183	56,106	26848	48%
Chitral Lower	320,407	10,894	4900	45%
Abbottabad	1,419,072	48,248	21497	45%
D.I. Khan	1,829,811	62,214	26510	43%
Mardan	2,744,898	93,327	39494	42%
Lakki Marwat	1,040,856	35,389	14782	42%
Tank	470,293	15,990	6517	41%
Mohmand	553,933	18,834	7657	41%
Bannu	1,357,890	46,168	18675	40%
Mansehra	1,797,177	61,104	22091	36%
Orakzai	387,561	13,177	4550	35%
Swabi	1,894,600	64,416	21751	34%
Kurrum	785,434	26,705	8848	33%
Nowshera	1,740,705	59,184	19042	32%
Battagram	554,133	18,841	5915	31%
Peshawar	4,758,762	161,798	49924	31%
Karak	815,878	27,740	8470	31%
Shangla	981,252	33,363	10130	30%

Hangu	528,902	17,983	5056	28%
Kohat	1,234,661	41,978	11452	27%
Chitral Upper	195,528	6,648	1692	25%
Tor Ghar	200,445	6,815	1733	25%
Kohistan Upper	422,947	14,380	2228	15%
Kolai Palas	280,162	9,526	1432	15%
Kohistan Lower	340,017	11,561	1555	13%
South Waziristan	888,675	30,215	2567	8%
North Waziristan	693,332	23,573	1872	8%
Total	**40,946,097**	**1,392,167**	**574403**	**41%**

Pregnant Women Received TT-2 Vaccine
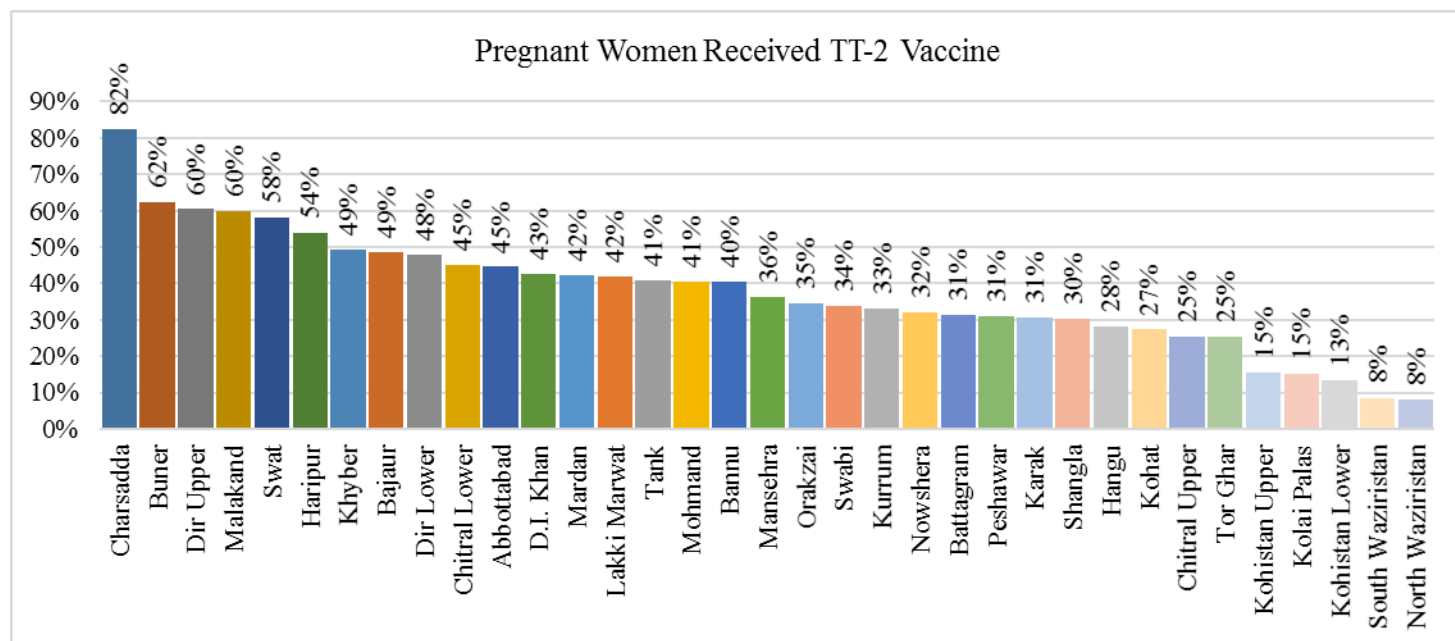
13. Anemia among Women Coming for ANC-1 in Govt: Health Facilities (in %age)

Pregnant women coming to the facility for antenatal care service as a sample of women from the catchment population. The nutritional status among this sample of pregnant women is suggestive of the nutritional status of women in the catchment population.

DISTRICT	First Antenatal care visits (ANC-1) in the Facility	ANC-1 Women with Hb. Under 10 g/dl	%age
FR Kohat	3094	1632	53%
Battagram	32820	12534	38%
Charsadda	48095	17980	37%
Peshawar	89787	33008	37%
Mansehra	51555	17757	34%
Tank	20116	6834	34%
Haripur	50915	15507	30%
Malakand	51550	10981	21%
Mohmand	30514	6031	20%
Lakki Marwat	36112	6328	18%
Khyber	31680	5408	17%

Kohistan Upper	2185	368	17%
Karak	28761	4824	17%
Nowshera	46047	7668	17%
Bajaur	44946	6668	15%
Hangu	25046	3679	15%
Chitral Lower	18389	2607	14%
Swabi	39138	4768	12%
Dir Lower	52272	6258	12%
D.I. Khan	52261	5590	11%
Shangla	25386	2677	11%
North Waziristan	13588	1376	10%
Kurrum	15572	1520	10%
Mardan	67687	5818	9%
FR D.I. Khan	1346	107	8%
Kohat	35404	2786	8%
Orakzai	9548	713	7%
Dir Upper	35244	2390	7%
South Waziristan	14251	874	6%
FR Peshawar	2865	174	6%
Kolai Palas	2198	131	6%
Abbottabad	51768	2985	6%
Buner	26412	1307	5%
Swat	103559	5047	5%
FR Bannu	3156	143	5%
Bannu	41079	1753	4%
Tor Ghar	4899	130	3%
FR Lakki	78	2	3%
Chitral Upper	3833	63	2%
Kohistan Lower	2198	33	2%
Total	**1215354**	**206459**	**17%**

ANC-1 Women with Hb. Under 10 g/dl
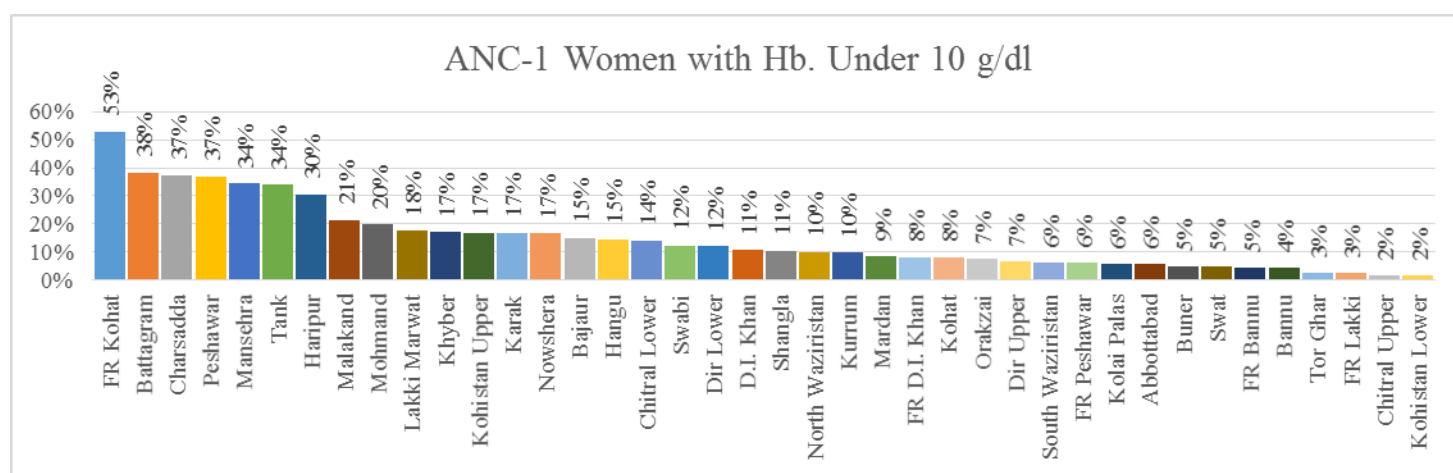
Percent of pregnant women screened for hemoglobin levels at their first antenatal care visit to the facility with hemoglobin levels less than 10g/dl are reflected in **table and graph.**

85% women coming (ANC-1) visit have Hb > 10g/dl	15% women coming (ANC-1) visit have Hb < 10g/dl
1215354	206459
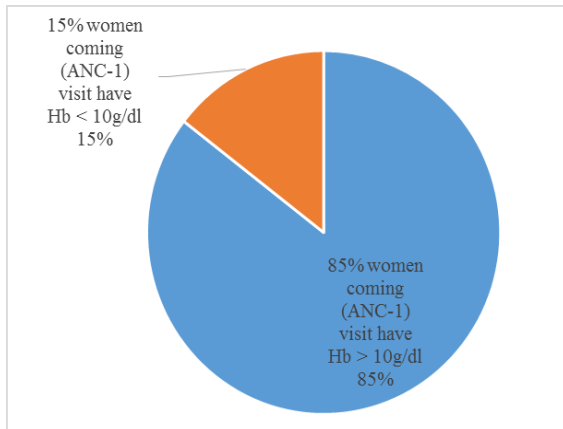
This indicator shows the frequency of Anemia among women coming for ANC-1 in the government health facilities. Pregnant Women coming for First ANC visit in the health facilities is **85%** with greater than 10g/dl Hb while the women with Hb under 10g/dl are **15%**.

DHIS

DISTRICT HEALTH
INFORMATION SYSTEM