



# Field Epidemiology and Disease Surveillance Division (FEDSD)

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## Weekly Bulletin: Integrated Disease Surveillance and Response (IDSR)

07<sup>th</sup> May 2023

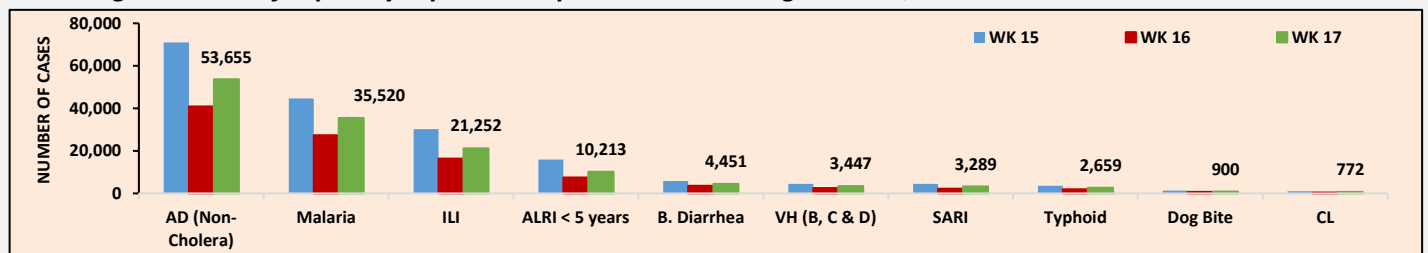
Epi Week-17 (24<sup>th</sup> – 30<sup>th</sup> April 2023)

*All reported cases in this report are suspected cases*

### Highlights:

- During week 17, most frequent reported cases were of Acute Diarrhea (Non-Cholera) followed by Malaria, ILI, ALRI <5 years, B. Diarrhea, VH (B, C, D), SARI, Typhoid, dog bite and CL.
- Overall increase in cases observed for AD, Malaria, ILI, ALRI <5 years, B. Diarrhea and Typhoid.
- AWD cases are reported in high numbers from Balochistan and Sindh province. All are suspected cases and need verification.
- Chickenpox cases are reported from Sindh and KPK province. In the view of current ongoing outbreak of Monkeypox, strict surveillance to verify the Chickenpox cases is required through field investigations.

**Figure 1: Most frequently reported suspected cases during week 17, Pakistan**



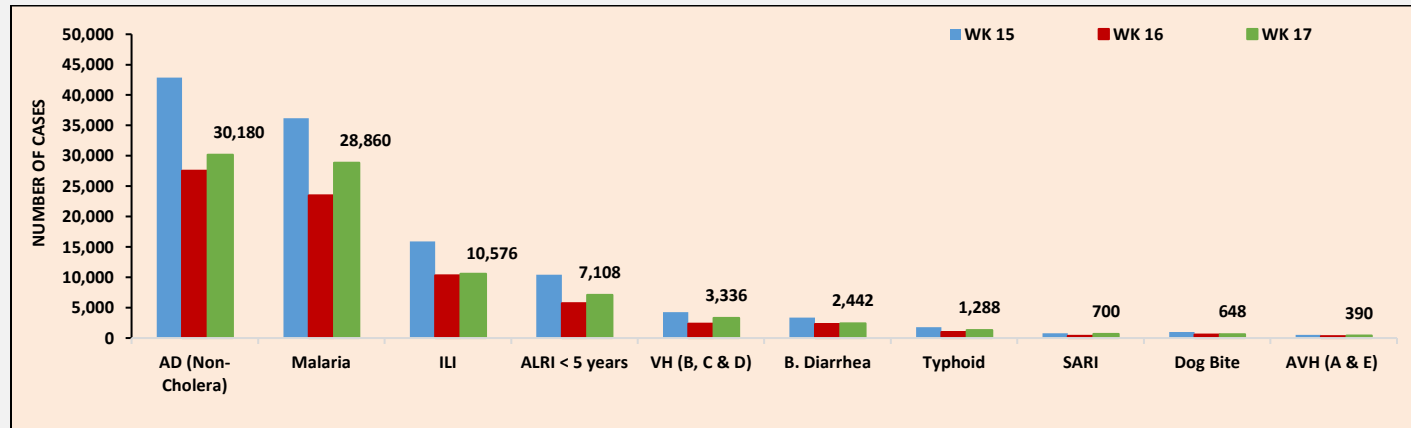
**Table 1: Province/Area wise distribution of most frequently reported cases during week 17, Pakistan.**

Diseases	AJK	Balochistan	GB	ICT	KP	Punjab	Sindh	Total
AD (Non-Cholera)	1290	3,469	11	435	18,270	NR	30,180	53,655
Malaria	39	3,162	0	0	3,459	NR	28,860	35,520
ILI	1534	2682	0	1088	5,372	NR	10,576	21,252
ALRI < 5 years	576	1263	12	1	1253	NR	7,108	10,213
B. Diarrhea	59	1233	1	10	706	NR	2442	4,451
VH (B, C & D)	12	32	0	0	67	NR	3336	3,447
SARI	303	546	6	0	1,734	NR	700	3,289
Typhoid	36	452	1	0	882	NR	1288	2,659
Dog Bite	10	51	0	0	191	NR	648	900
CL	0	59	0	0	625	NR	88	772
AVH (A & E)	48	23	0	0	276	NR	390	737
Mumps	100	67	0	1	105	NR	296	569
AWD (S. Cholera)	46	249	1	0	66	NR	126	488
Measles	6	13	0	1	133	NR	38	191
Chickenpox/ Varicella	5	9	0	3	53	NR	104	174
Gonorrhoea	2	74	0	0	40	NR	9	125
Dengue	0	14	0	0	23	NR	85	122
Pertussis	10	54	0	0	17	NR	19	100
Leprosy	0	24	0	0	0	NR	2	26
Syphilis	0	11	0	0	1	NR	10	22
VL	0	13	0	0	0	NR	0	13
AFP	0	1	0	0	5	NR	6	12
Anthrax	0	0	0	0	0	NR	0	0
Brucellosis	0	0	0	0	7	NR	3	10
CCHF	0	9	0	0	1	NR	0	10
Diphtheria (Probable)	0	1	0	0	0	NR	6	7
HIV/AIDS	0	6	0	0	0	NR	1	7
Meningitis	1	1	0	0	1	NR	2	5
NT	0	1	0	0	0	NR	1	2
Chikungunya	0	2	0	0	0	NR	0	2
Rubella (CRS)	1	0	0	0	0	NR	0	1

## Sindh

- AD (Non-Cholera) cases were maximum followed by Malaria, ILI, ALRI<5 Years, VH (B, C, D), B. Diarrhea, Typhoid, SARI, dog bite and AVH (A&E).
- An increased trend in cases observed for AD, Malaria, ALRI<5 Years and VH (B, C & D).
- VH (B, C & D) cases are mostly from Ghotki, Matiari and Sukkur districts whereas burden of AD cases remained high in Badin and Mirpurkhas districts. Epidemiological investigation is required to verify cases.

**Figure 2: Most frequently reported suspected cases during week 17, Sindh**



**Table 2: District wise distribution of most frequently reported suspected cases during week 17, Sindh**

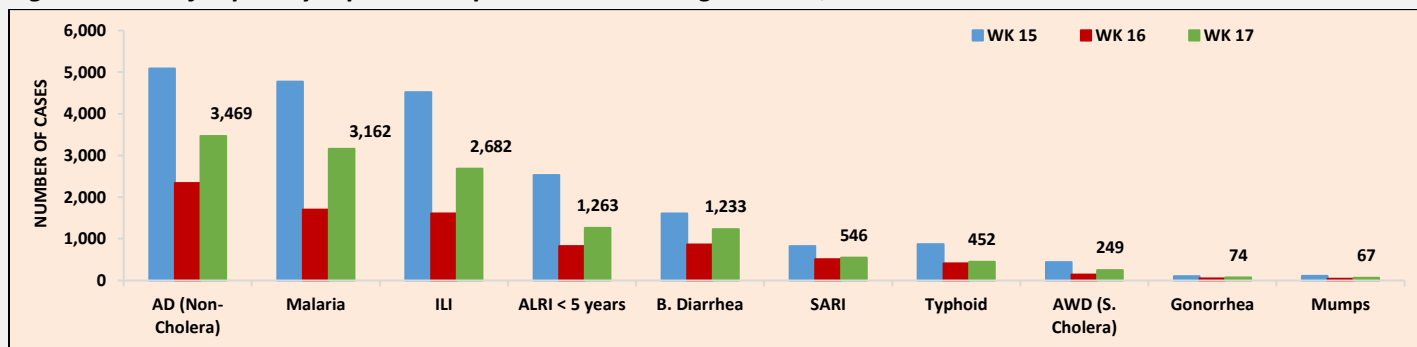
DISTRICTS	AD (Non-Cholera)	Malaria	ILI	ALRI < 5 years	B. Diarrhea	Typhoid	SARI	Measles	VH (B, C & D)	Dengue	Dog Bite
Badin	2,330	2,218	206	655	181	83	27	0	97	1	121
Dadu	1,923	1,844	9	337	117	87	8	0	171	0	0
Ghotki	873	516	0	386	141	43	3	3	577	0	32
Hyderabad	647	89	208	46	2	11	0	3	40	0	0
Jacobabad	342	299	11	207	20	0	0	0	103	0	32
Jamshoro	444	308	0	105	35	30	0	0	198	0	6
Kamber	1,606	2,789	0	230	205	21	0	0	217	0	136
Karachi Central	444	57	806	32	50	88	61	12	45	2	1
Karachi East	192	41	34	6	8	2	0	0	0	2	0
Karachi Keamari	185	2	103	13	1	3	0	0	0	0	0
Karachi Korangi	223	21	19	2	4	3	0	0	0	0	1
Karachi Malir	938	48	1,031	241	32	22	45	2	5	7	25
Karachi South	59	21	2	0	1	0	0	2	0	0	0
Karachi West	527	47	194	100	21	27	9	5	9	14	27
Kashmore	476	1,222	276	205	28	16	5	1	36	6	15
Khairpur	1,926	1,723	139	491	297	188	437	0	117	0	109
Larkana	1,287	4,555	0	272	151	8	0	0	62	0	0
Matiari	1,615	876	22	201	108	69	5	2	411	11	25
Mirpurkhas	2,001	1,926	2,754	465	58	17	0	0	50	0	1
Naushero Feroze	891	694	128	336	0	107	0	0	26	0	0
Sanghar	600	331	195	157	16	23	0	0	163	0	16
Shaheed Benazirabad	1,599	979	55	283	67	183	0	0	47	8	0
Shikarpur	862	363	1	107	109	1	2	0	145	0	0
Sujawal	179	289	0	42	38	27	0	0	4	0	0
Sukkur	1,345	991	1,419	294	186	7	0	0	321	0	0
Tando Allahyar	1,364	708	618	149	72	46	0	0	171	0	14
Tando Muhammad Khan	1,408	872	1	289	87	65	6	0	120	0	20
Tharparkar	1,018	1,186	1,181	331	66	19	38	0	26	34	5
Thatta	1,858	1,929	1,164	252	144	28	54	8	76	0	62

Umerkot	1,018	1,916	0	874	197	64	0	0	99	0	0
<b>Total</b>	<b>30,180</b>	<b>28,860</b>	<b>10,576</b>	<b>7,108</b>	<b>2,442</b>	<b>1,288</b>	<b>700</b>	<b>38</b>	<b>3,336</b>	<b>85</b>	<b>648</b>

### Balochistan

- AD (Non-Cholera), Malaria, ILI, ALRI <5 years, B. Diarrhea, SARI, Typhoid, AWD (S. Cholera), Gonorrhoea and Mumps were the most frequently reported diseases from Balochistan province.
- Cases of AD, Malaria, ILI, ALRI <5 years and B. Diarrhea showed an upward trend this week.
- AWD (S. Cholera) cases are reported in high numbers from Kohlu and Musa Khail districts, all are suspected cases and demand urgent field investigation.

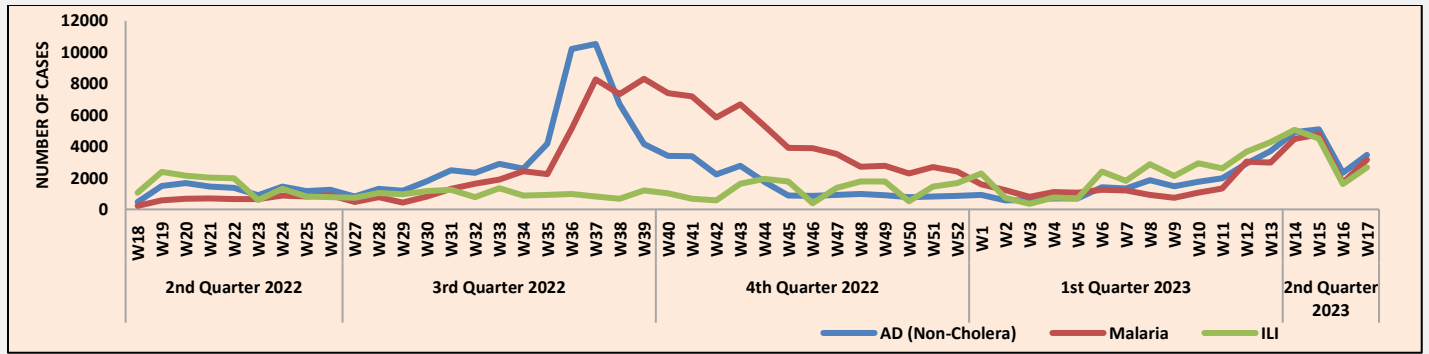
**Figure 3: Most frequently reported suspected cases during week 17, Balochistan**



**Table 3: District wise distribution of most frequently reported suspected cases during week 17, Balochistan**

Districts	ILI	Malaria	AD (Non-Cholera)	ALRI < 5 years	SARI	B. Diarrhea	Typhoid	CL	Dog Bite	AWD (S. Cholera)
Chagai	97	10	115	0	0	52	28	0	1	0
Harnai	6	63	62	330	3	303	10	1	5	14
Jhal Magsi	0	147	83	3	0	11	5	0	0	7
Kalat	0	1	16	6	0	4	0	0	0	0
Kech (Turbat)	556	535	508	73	17	114	5	0	0	0
Kharan	107	45	91	0	0	83	1	0	0	4
Khuzdar	152	39	140	7	18	55	11	0	0	1
Kohlu	265	132	183	21	57	105	32	5	3	52
Lasbella	77	653	777	119	111	66	68	6	18	1
Loralai	92	106	272	142	124	76	35	0	11	9
Mastung	103	22	121	14	34	29	33	4	1	28
Musa Khail	75	239	96	51	15	39	27	0	0	46
Naseerabad	0	429	100	11	0	8	56	0	2	7
Nushki	0	26	118	0	2	46	0	0	0	19
Pishin	241	4	84	33	13	43	10	19	3	0
Quetta	388	6	196	15	6	52	15	2	0	18
Sherani	111	19	89	109	54	33	13	21	5	10
Sibi	269	293	160	16	28	21	52	0	0	3
Sohbat pur	15	329	160	50	21	35	37	1	2	28
Zhob	128	64	98	263	43	58	14	0	0	2
<b>Total</b>	<b>2,682</b>	<b>3,162</b>	<b>3,469</b>	<b>1,263</b>	<b>546</b>	<b>1,233</b>	<b>452</b>	<b>59</b>	<b>51</b>	<b>249</b>

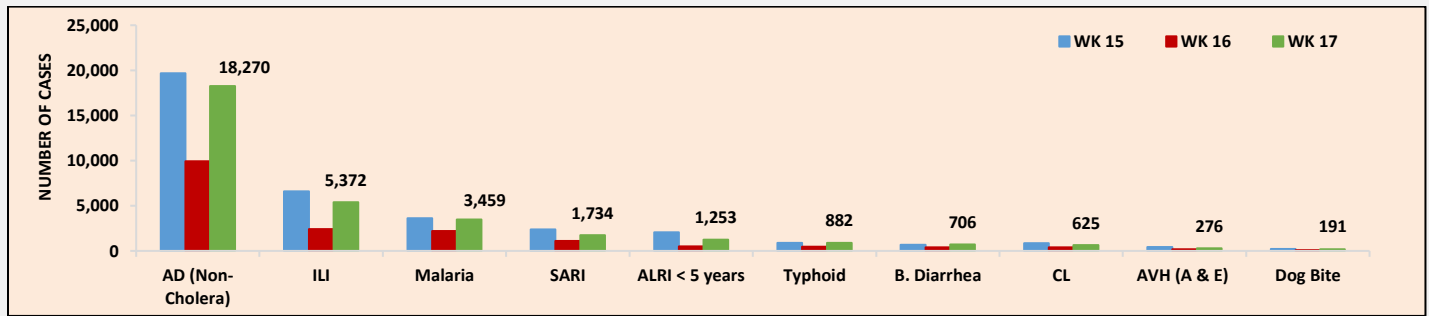
**Figure 4: Week wise reported suspected cases of AD (Non-Cholera), Malaria & Typhoid, Balochistan**



### Khyber Pakhtunkhwa

- Cases of AD (Non-Cholera) were maximum followed by ILI, Malaria, SARI, ALRI<5 Years, Typhoid, B. Diarrhea, CL, AVH (A&E) and dog bite cases.
- Cases of AD (Non-Cholera) mostly reported from Swat, Peshawar and Swabi whereas AWD cases reported from Shangla, Khyber and Mansehra districts. Field investigation is required to verify the cases.
- AD, Malaria and ILI showed upward trend in cases this week.

**Figure 5: Most frequently reported suspected cases during week 17, KP**

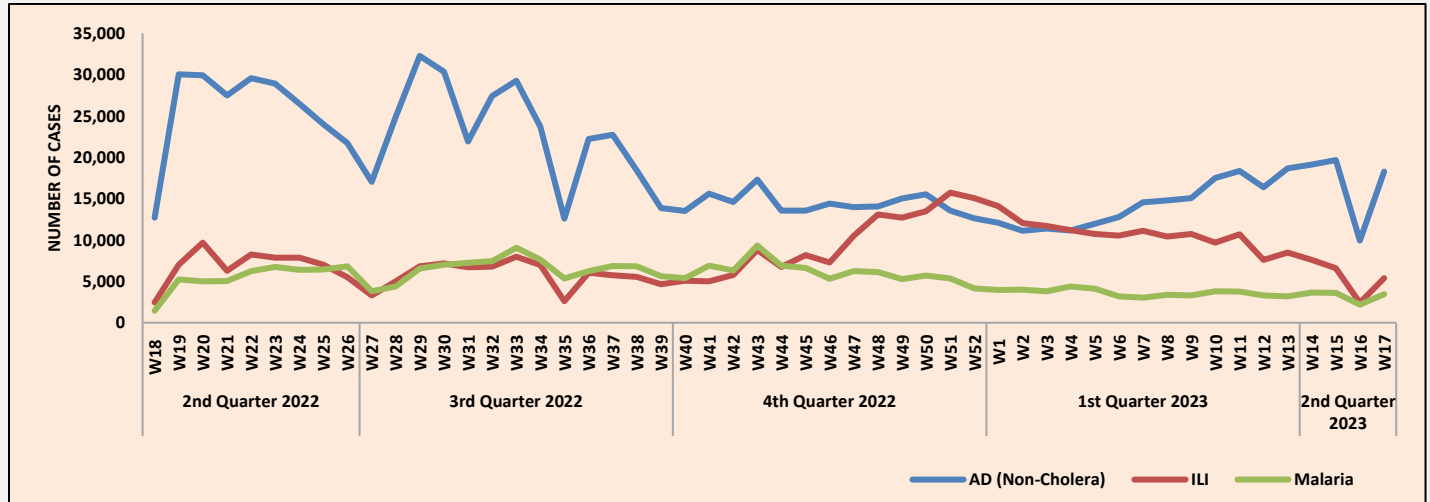


**Table 4: District wise distribution of most frequently reported suspected cases during week 17, KP**

Diseases	AD (Non-Cholera)	Malaria	ILI	SARI	ALRI < 5 years	B. Diarrhea	Typhoid	Dog Bite	AWD (S. Cholera)	AVH (A & E)
Abbottabad	524	0	5	6	1	1	10	2	0	0
Bannu	635	777	199	0	2	4	29	1	0	0
Battagram	332	30	568	13	21	0	0	7	0	1
Buner	354	435	287	0	10	20	34	15	0	0
Charsadda	1,474	22	218	66	10	0	0	0	0	0
Chitral Lower	263	5	102	862	0	4	2	27	0	0
Chitral Upper	59	0	1	133	1	0	6	1	0	1
D.I. Khan	439	197	0	0	0	0	0	5	0	0
Dir Lower	1,103	438	196	113	173	85	57	11	0	93
Dir Upper	299	1	90	8	92	34	29	0	0	8
Hangu	262	243	277	109	11	69	22	0	0	7
Haripur	1,090	10	439	24	110	9	38	1	0	38
Karak	186	21	46	25	17	0	4	18	0	0
Khyber	9	2	25	0	0	6	2	0	15	0
Kohat	54	8	15	6	0	0	0	2	0	0
Kohistan Lower	71	0	0	127	5	14	0	0	0	0
Kohistan Upper	287	0	30	7	0	15	119	0	3	0
Kolai Palas	35	3	0	0	5	5	1	0	0	0
Lakki Marwat	512	620	11	0	26	32	22	0	0	0
Malakand	348	38	28	54	54	118	46	0	0	17
Mansehra	622	0	490	33	24	8	121	4	15	5

Mardan	884	1	361	36	348	18	13	2	1	3
Nowshera	1,571	39	119	9	1	84	11	0	6	43
Peshawar	1,959	5	718	16	16	100	24	0	7	9
Shangla	376	174	0	0	8	3	40	74	17	13
Swabi	1,787	27	909	58	191	19	52	0	0	31
Swat	2,113	23	201	0	16	18	76	13	0	6
Tank	554	309	37	0	102	15	118	1	0	0
Tor Ghar	68	31	0	29	9	25	6	7	2	1
Total	18,270	3,459	5,372	1,734	1,253	706	882	191	66	276

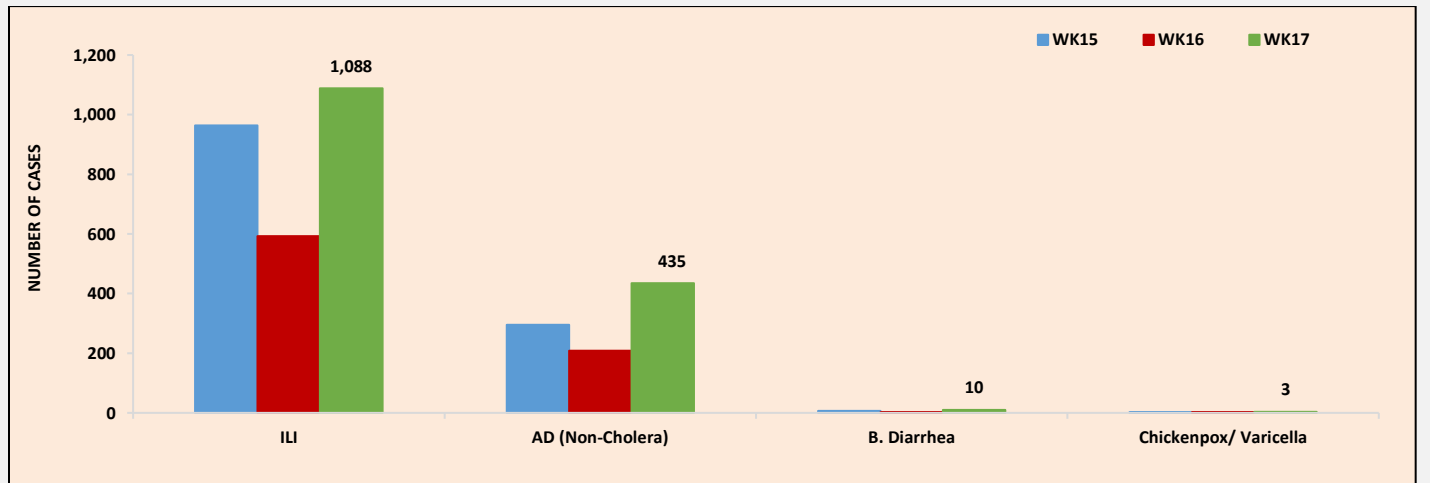
**Figure 6: Week wise reported suspected cases of AD (Non-Cholera), ILI & Malaria, KP**



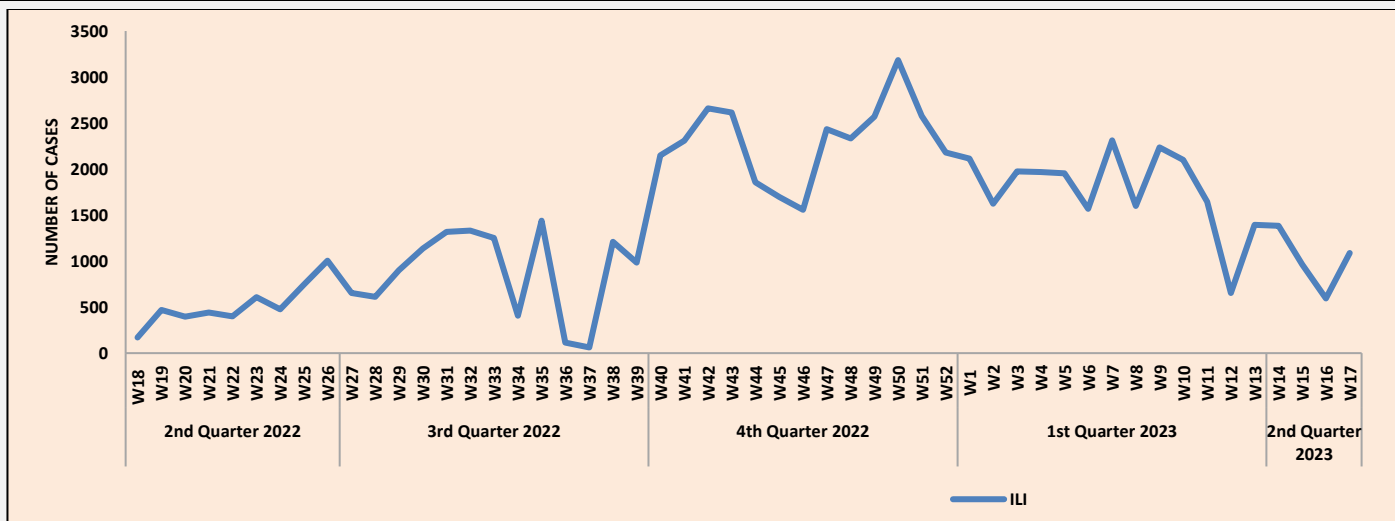
**Islamabad**

- The most frequently reported cases from Islamabad were ILI followed by AD (Non-Cholera), B. Diarrhea and Chickenpox.
- ILI and AD (Non-Cholera) cases showed upward trend in cases this week.

**Figure 7: Most frequently reported suspected cases during week 17, ICT**



**Figure 8: Week wise reported suspected cases of ILI, ICT**



### Azad Jammu and Kashmir

- ILI cases were maximum followed by AD (Non-Cholera), ALRI <5 years, SARI, Mumps, B. Diarrhea, AVH (A&E), AWD (S. Cholera), Malaria and Typhoid.
- AD cases showed a sharp incline in cases this week.

Figure 9: Most frequently reported suspected cases during week 17, AJK

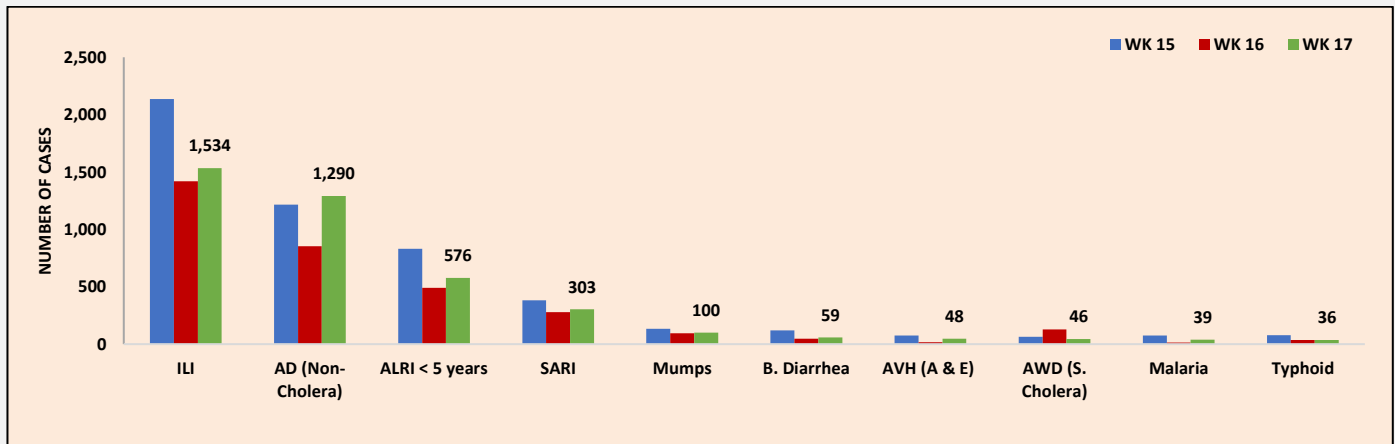
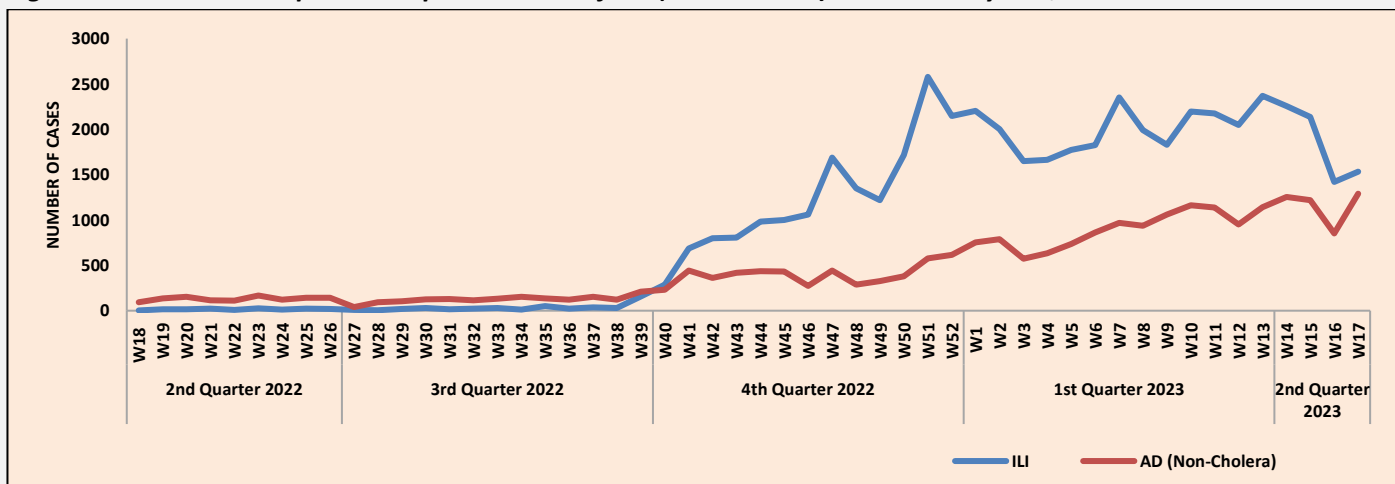


Figure 10: Week wise reported suspected cases of AD (Non-Cholera) and ALRI <5 years, AJK

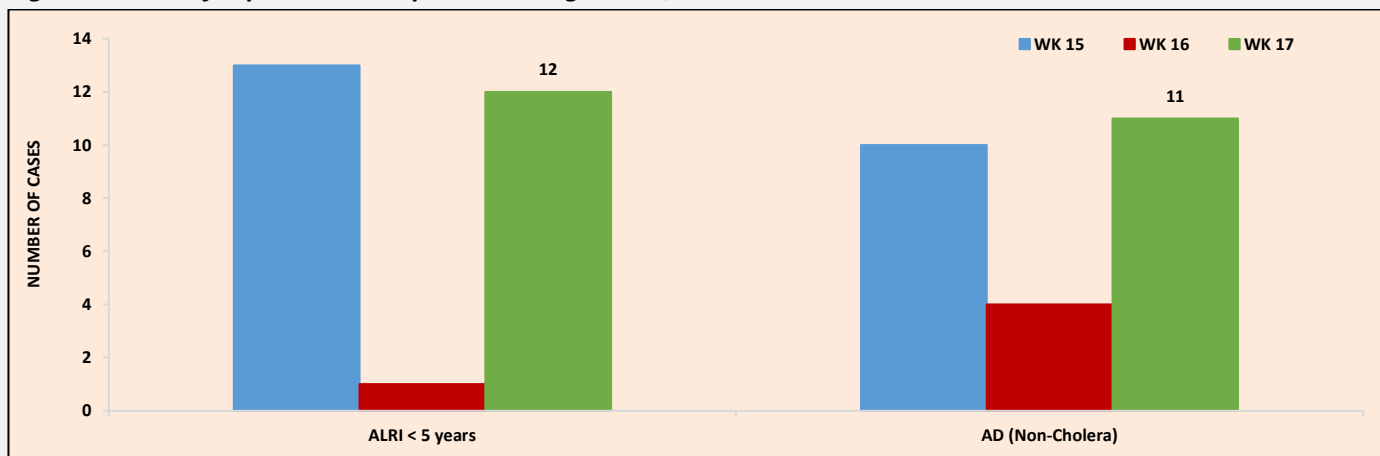


### Gilgit-Baltistan

- ALRI<5 years cases were maximum followed by AD (Non- Cholera) cases.

- ALRI <5 years showed sharp rise in cases this week.

**Figure 11: Most frequent cases reported during WK 15, GB**



**Figure 12: Week wise reported suspected cases of ALRI < 5 years, GB**



**IDSR Attributes**

- Out Of 80 IDSR implemented districts, compliance is low from Balochistan and Sindh districts.
- Green color showing >50% compliance while red color is <50% compliance

**Table 5: IDSR reporting districts**

Provinces/Regions	Districts	Total Number of Reporting Sites	Number of Agreed Reporting Sites	Number of Reported Sites for current week	Compliance Rate (%)
Khyber Pakhtunkhwa	Abbotabad	110	110	102	93%
	Bannu	92	92	84	91%
	Battagram	43	43	32	74%
	Buner	34	34	22	65%
	Charsadda	61	61	52	85%
	Chitral Lower	35	35	31	89%
	D.I. Khan	89	89	5	6%
	Dir Lower	75	75	71	95%
	Dir Upper	55	55	50	91%
	Hangu	22	22	22	100%
	Haripur	69	69	66	96%
	Karak	34	34	32	94%
	Khyber	40	40	5	13%

	Kohat	59	59	55	93%
	Kohistan Lower	11	11	8	73%
	Kolai Palas	10	10	9	90%
	Lakki Marwat	49	49	49	100%
	Malakand	42	42	30	71%
	Mansehra	133	133	88	66%
	Mardan	84	84	24	29%
	Nowshera	52	52	43	83%
	Peshawar	101	101	86	85%
	Shangla	36	36	6	17%
	Swabi	60	60	55	92%
	Swat	77	77	66	86%
	Tank	34	34	33	97%
	Torghar	10	10	10	100%
Azad Jammu Kashmir	Mirpur	35	35	35	100%
	Bhimber	20	20	14	70%
	Kotli	60	60	35	58%
	Muzaffarabad	43	43	43	100%
	Poonch	46	46	46	100%
	Haveli	43	43	16	37%
	Bagh	41	41	35	85%
	Neelum	33	33	32	97%
	Jhelum Vellay	49	49	13	27%
Sudhnooti	68	68	27	40%	
Islamabad Capital Territory	ICT	18	18	18	100%
	CDA	9	9	0	0%
Balochistan	Kech	78	44	31	70%
	Khuzdar	136	20	19	95%
	Lasbella	85	85	80	94%
	Pishin	118	23	13	57%
	Quetta	77	22	13	59%
	Sibi	42	42	9	21%
	Zhob	37	37	27	73%
	Naserabad	45	45	37	82%
	kharan	32	32	28	88%
	sherani	32	32	14	44%
	kohlu	75	75	41	55%
	Chagi	65	65	18	28%
	kalat	65	65	3	5%
	Musa khail	68	68	20	29%
	Harnai	36	36	17	47%
	Kachhi (Bolan)	35	35	9	26%
	Jhal Magsi	39	39	10	26%
	Sohbat pur	26	26	20	77%
	Surab	33	33	13	39%
Mastung	45	45	15	33%	
Gilgit Baltistan	Hunza	31	31	31	100%
Sindh	Hyderabad	63	63	24	38%
	Ghotki	95	95	64	67%
	Umerkot	98	41	39	95%
	Naushahro Feroze	120	52	14	27%



Tharparkar	292	100	90	90%
Shikarpur	64	64	60	94%
Thatta	53	53	52	98%
Larkana	67	67	67	100%
Kamber Shadadkot	71	71	71	100%
Karachi-Malir	37	37	22	59%
Karachi-Central	12	12	11	92%
Karachi-Korangi	17	17	15	88%
Karachi-South	4	4	4	100%
Sujawal	31	31	17	55%
Mirpur Khas	124	124	103	83%
Badin	144	144	116	81%
Sukkur	65	65	64	98%
Dadu	90	90	84	93%
Sanghar	101	101	44	44%
Jacobabad	54	54	30	56%
Khairpur	203	203	154	76%
kashmore	59	59	54	92%
Matiari	42	42	41	98%
Jamshoro	70	70	63	90%
Tando Allahyar	54	54	48	89%
Tando Muhammad Khan	41	41	41	100%
Shaheed Benazirabad	124	124	124	100%

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