Field Epidemiology and Disease Surveillance Division (FEDSD)
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Weekly Bulletin: Integrated Disease Surveillance and Response (IDSR)
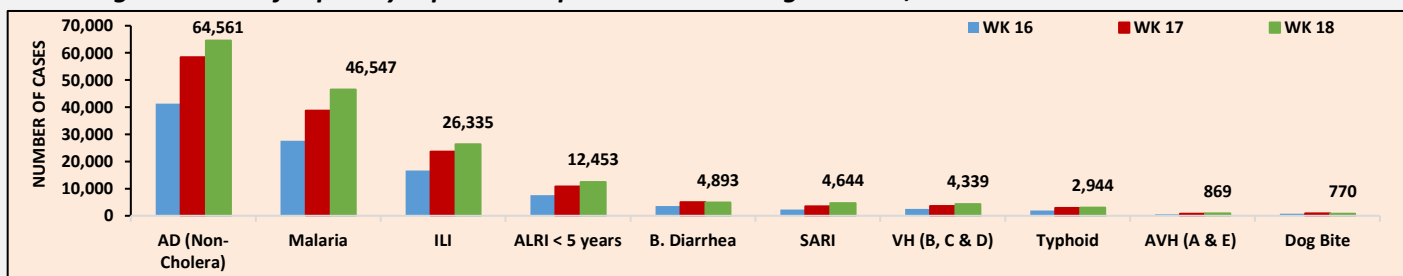## 12th May 2023
Epi Week-18 (01st – 07th May 2023)

All reported cases in this report are suspected cases

Highlights:

- During week 18, most frequent reported cases were of Acute Diarrhea (Non-Cholera) followed by Malaria, ILI, ALRI <5 years, B. Diarrhea, SARI, VH (B, C, D), Typhoid, AVH (A&E) and dog bite.
- Overall increase in cases observed for AD, Malaria, ILI, SARI and VH (B, C, D).
- Burden of AD cases reported mostly from Sindh and KPK and Malaria from Sindh and Balochistan. VPDs including Mumps, Measles, Chickenpox and Pertussis are reported in high numbers from all provinces. All are suspected cases and require urgent field investigations.

Figure 1: Most frequently reported suspected cases during week 18, Pakistan

Table 1: Province/Area wise distribution of most frequently reported cases during week 18, Pakistan.
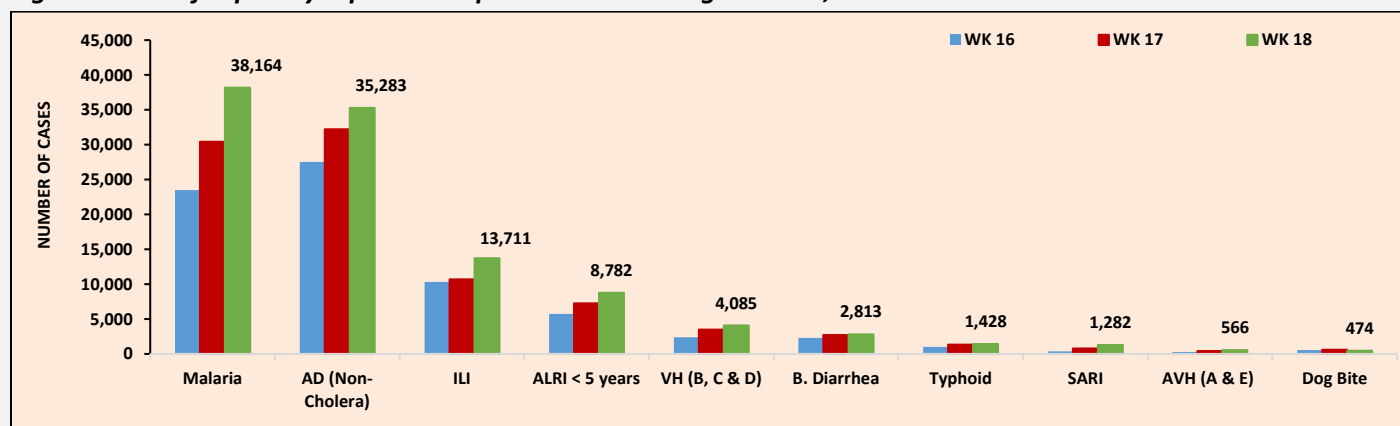
Diseases	AJK	Balochistan	GB	ICT	KP	Punjab	Sindh	Total
AD (Non-Cholera)	1,445	3,820	9	414	23,590	NR	35,283	64,561
Malaria	63	4440	0	0	3,880	NR	38,164	46,547
ILI	1807	2,973	0	904	6,940	NR	13,711	26,335
ALRI < 5 years	686	1489	13	2	1,481	NR	8782	12,453
B. Diarrhea	71	1175	0	5	829	NR	2,813	4,893
SARI	350	688	8	0	2316	NR	1282	4,644
VH (B, C & D)	13	65	0	0	176	NR	4,085	4,339
Typhoid	63	486	0	4	963	NR	1428	2,944
AVH (A & E)	48	16	0	0	239	NR	566	869
Dog Bite	24	68	0	0	204	NR	474	770
Mumps	99	56	0	1	136	NR	442	734
CL	0	82	0	0	605	NR	5	692
AWD (S. Cholera)	59	239	3	0	39	NR	63	403
Measles	1	14	0	0	176	NR	63	254
Chickenpox/ Varicella	5	29	0	2	95	NR	89	220
Dengue	0	22	0	0	101	NR	58	181
Gonorrhea	0	98	0	0	7	NR	49	154
Pertussis	5	106	0	0	8	NR	20	139
Leprosy	0	32	0	0	0	NR	35	67
Meningitis	0	0	0	0	26	NR	22	48
Syphilis	0	15	0	0	1	NR	10	26
AFP	0	2	0	0	12	NR	9	23
HIV/AIDS	0	5	0	0	3	NR	15	23
Anthrax	0	0	0	0	0	NR	0	0
Diphtheria (Probable)	0	3	0	0	7	NR	8	18
VL	0	17	0	0	0	NR	0	17
Rubella (CRS)	0	4	0	0	9	NR	0	13
Brucellosis	0	0	0	0	7	NR	0	7
NT	0	3	0	0	0	NR	1	4

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Chikungunya	0	2	0	0	0	NR	0	2

Sindh

- Malaria cases were maximum followed by AD (Non-Cholera), ILI, ALRI<5 Years, VH (B, C, D), B. Diarrhea, Typhoid, SARI, AVH (A&E) and dog bite cases.
- An increased trend in cases observed for Malaria, AD, ILI, ALRI<5 years and VH (B, C, D).
- Cases of ALRI<5 Years reported Umerkot, Dadu and Khairpur districts in high numbers.

Figure 2: Most frequently reported suspected cases during week 18, Sindh

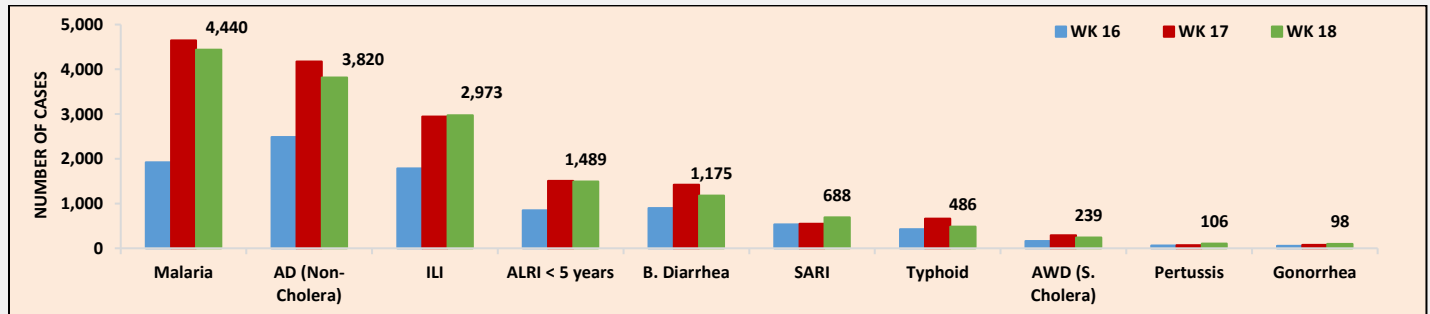Table 2: District wise distribution of most frequently reported suspected cases during week 18, Sindh

DISTRICTS	AD (Non-Cholera)	Malaria	ILI	ALRI < 5 years	B. Diarrhea	Typhoid	SARI	Measles	VH (B, C & D)	Dengue	Dog Bite
Badin	2,619	2,805	119	577	191	58	2	7	161	0	77
Dadu	3,483	2,673	296	1,025	246	136	42	2	24	0	0
Ghotki	1,013	560	9	383	110	44	0	2	613	0	0
Hyderabad	871	90	106	16	0	7	0	6	48	0	0
Jacobabad	498	987	0	277	44	9	0	0	155	0	35
Jamshoro	725	579	0	123	55	46	9	3	70	2	12
Kamber	2,124	3,770	6	181	137	7	0	1	230	0	7
Karachi Central	649	91	1,023	29	47	103	23	4	54	3	0
Karachi East	217	40	63	13	5	2	0	1	0	1	0
Karachi Keamari	252	0	77	18	0	1	0	0	0	0	0
Karachi Korangi	311	60	15	3	2	2	0	0	0	2	2
Karachi Malir	982	92	1,398	310	47	33	200	3	184	15	27
Karachi South	88	26	2	2	4	3	0	0	0	0	0
Karachi West	584	47	298	149	26	31	20	5	11	17	32
Kashmore	540	1,922	297	140	56	17	37	1	92	0	65
Khairpur	1,984	2,141	162	682	344	189	774	0	125	0	31
Larkana	1,397	5,407	0	163	146	0	0	0	28	0	0
Matiari	1,754	1,003	1	169	116	72	14	18	404	7	26
Mirpurkhas	2,293	2,210	3,888	397	61	21	22	0	61	0	3
Naushero Feroze	1,158	1,129	285	338	0	123	0	0	148	0	0
Sanghar	666	497	133	239	58	74	1	0	242	0	19
Shaheed Benazirabad	1,633	1,231	79	328	77	193	0	0	344	0	0
Shikarpur	914	563	3	113	82	2	13	1	143	0	1
Sujawal	141	207	0	89	49	26	0	0	0	0	0
Sukkur	1,589	1,258	1,827	246	217	8	0	0	320	0	0
Tando Allahyar	1,668	888	869	216	111	52	0	0	216	0	24
Tando Muhammad Khan	1,209	873	5	228	89	48	5	3	117	3	33
Tharparkar	1,039	1,374	1,333	477	89	27	64	3	77	8	3
Thatta	1,717	2,929	1,417	395	180	43	56	2	81	0	77
Umerkot	1,165	2,712	0	1,456	224	51	0	1	137	0	0

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Total	35,283	38,164	13,711	8,782	2,813	1,428	1,282	63	4,085	58	474

Balochistan
- Malaria, AD (Non-Cholera), ILI, ALRI <5 years, B. Diarrhea, SARI, Typhoid, AWD (S. Cholera), Pertussis and Gonorrhea were the most frequently reported diseases from Balochistan province.
- Cases of ILI, AD and Malaria showed a steady trend in cases this week.
- AWD (S. Cholera) cases are reported in high numbers from Gwadar, Jhal Magsi and Mastung districts, whereas AD cases are from Lesbella, Kech and Jhal Magsi. These are suspected cases and demand verification.
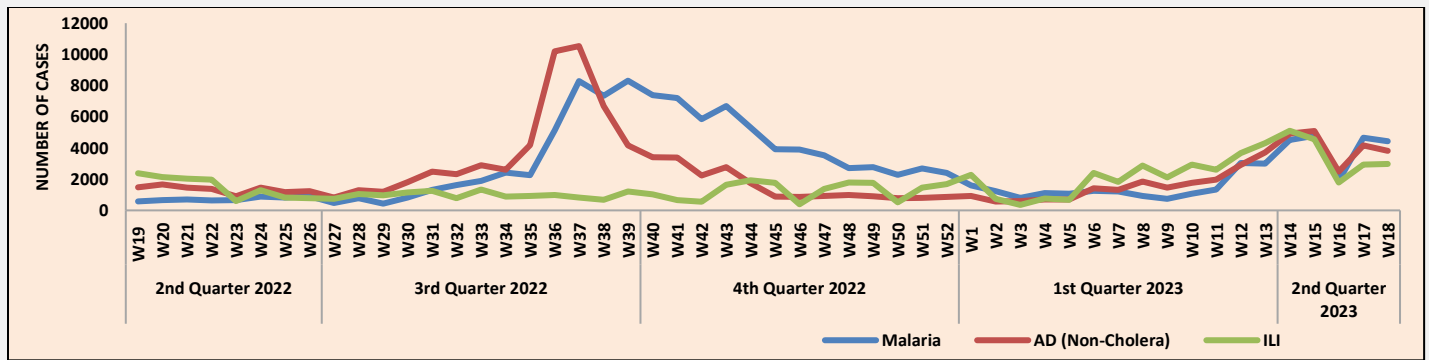
Figure 3: Most frequently reported suspected cases during week 18, Balochistan

Table 3: District wise distribution of most frequently reported suspected cases during week 18, Balochistan

Districts	ILI	Malaria	AD (Non-Cholera)	ALRI < 5 years	SARI	B. Diarrhea	Typhoid	CL	Dog Bite	AWD (S. Cholera)
Chagai	173	7	131	0	0	43	28	0	0	4
Gwadar	143	23	NR	2	6	13	4	NR	NR	63
Harnai	15	99	88	442	0	261	19	2	7	22
Jhal Magsi	0	969	368	58	20	13	45	1	12	28
Kalat	4	18	28	10	3	19	10	4	0	0
Kech (Turbat)	713	474	409	68	1	94	0	1	0	2
Kharan	125	105	92	0	1	77	0	0	0	1
Khuzdar	56	46	63	3	NR	34	6	NR	NR	NR
Killa Saifullah	2	154	134	84	0	52	9	17	0	2
Kohlu	249	114	128	36	57	105	51	2	0	20
Lasbella	69	813	777	140	192	73	26	2	10	1
Loralai	180	127	365	181	159	89	56	7	19	4
Mastung	114	31	119	18	40	39	34	10	3	28
Naseerabad	0	532	119	6	3	3	40	2	2	2
Nushki	0	37	109	0	3	48	3	0	0	15
Pishin	167	8	70	44	5	40	9	17	2	0
Quetta	552	26	316	123	32	62	21	1	0	22
Sherani	27	6	11	0	3	9	4	14	0	0
Sibi	222	238	92	16	13	5	40	0	4	8
Sohbat pur	16	552	245	59	41	50	76	2	9	17
Zhob	146	61	156	199	109	46	5	0	0	0
Total	2,973	4,440	3,820	1,489	688	1,175	486	82	68	239

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

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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) reported from Peshawar, Swat, Nowshera, Swabi, Mardan and Charsada. Bloody Diarrhea cases are also increased mainly from Peshawar, Nowshera and Lower Dir.
- AD showed sharp upward trend in cases this week.

Figure 5: Most frequently reported suspected cases during week 18, KP
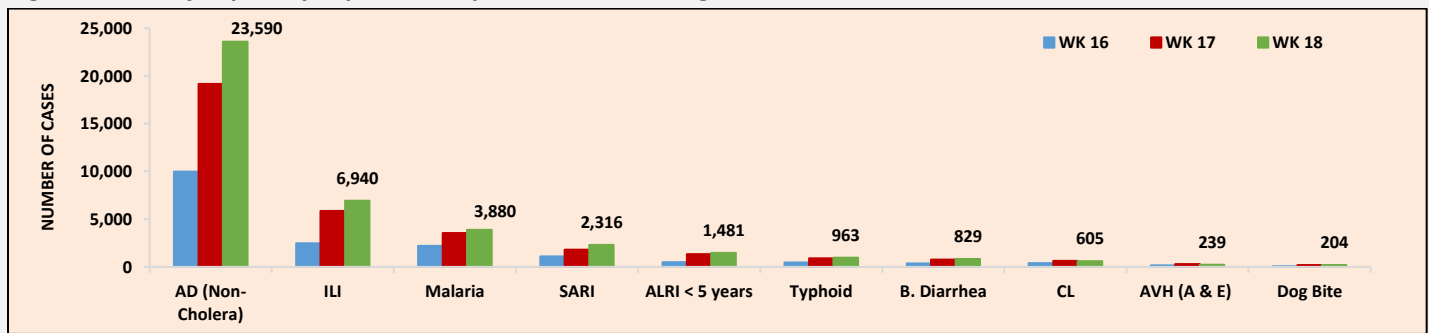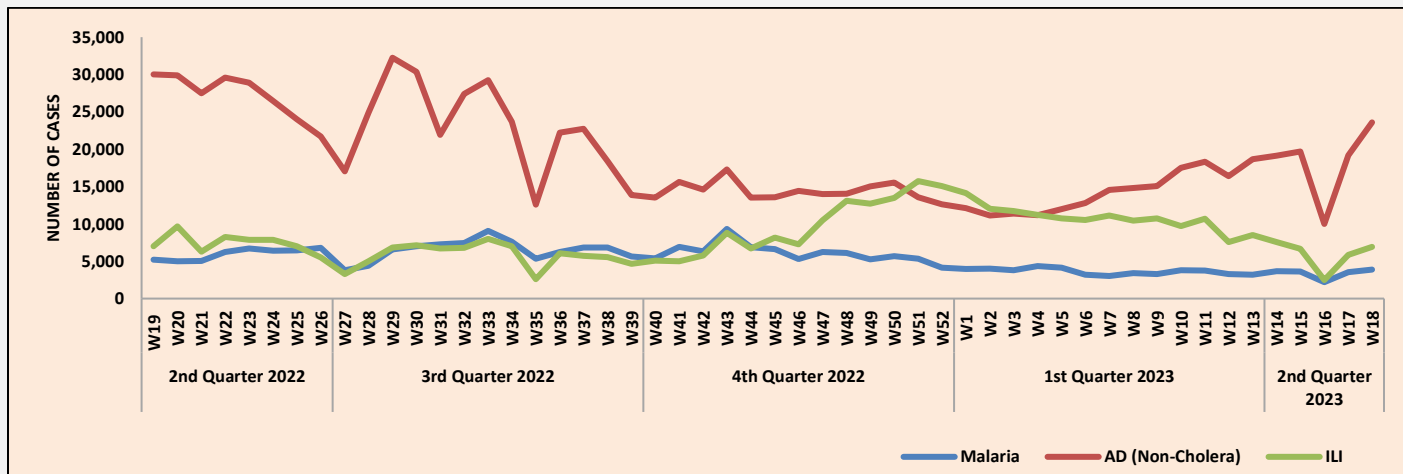

Table 4: District wise distribution of most frequently reported suspected cases during week 18, KP

Diseases	AD (Non-Cholera)	Malaria	ILI	SARI	ALRI < 5 years	B. Diarrhea	Typhoid	Dog Bite	AWD (S. Cholera)	AVH (A & E)
Abbottabad	493	0	9	10	4	2	10	2	0	0
Bannu	890	881	111	0	1	9	30	20	0	0
Battagram	331	52	682	2	22	0	0	10	0	3
Buner	397	573	12	0	15	21	60	11	0	0
Charsadda	1,683	39	184	65	8	0	6	0	0	0
Chitral Lower	322	3	171	931	5	0	9	12	0	2
Chitral Upper	51	0	0	171	0	0	11	2	0	1
D.I. Khan	26	4	0	5	0	0	0	0	0	0
Dir Lower	1,552	412	264	166	228	107	66	15	0	110
Dir Upper	318	4	66	4	47	61	21	0	0	30
Hangu	318	258	320	148	14	17	18	9	0	8
Haripur	1,420	15	174	29	188	2	73	0	0	25
Karak	432	57	70	15	21	1	7	25	1	0
Khyber	16	1	0	1	0	4	4	0	0	0
Kohat	46	12	26	2	1	0	0	2	0	0
Kohistan Lower	67	0	0	130	8	35	1	0	0	0
Kohistan Upper	271	2	61	59	0	27	82	1	0	0
Kolai Palas	49	5	0	0	4	5	0	0	0	0
Lakki Marwat	576	815	0	0	31	33	30	0	0	0
Malakand	244	18	36	14	44	39	12	0	0	11

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Mansehra	488	0	751	34	41	45	135	0	10	3
Mardan	1,750	85	1,032	192	310	70	18	8	0	1
Nowshera	2,439	63	235	30	14	121	20	0	0	2
Peshawar	3,007	29	1,390	60	95	130	44	0	3	10
Shangla	385	218	0	10	6	5	49	66	21	0
Swabi	2,433	27	869	200	245	19	41	2	2	25
Swat	2,525	34	477	0	47	14	95	14	0	7
Tank	995	190	0	0	76	46	109	2	0	0
Tor Ghar	66	83	0	38	6	16	12	3	2	1
Total	23,590	3,880	6,940	2,316	1,481	829	963	204	39	239

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 Typhoid.
- There is decline tend in ILI cases observed this week.

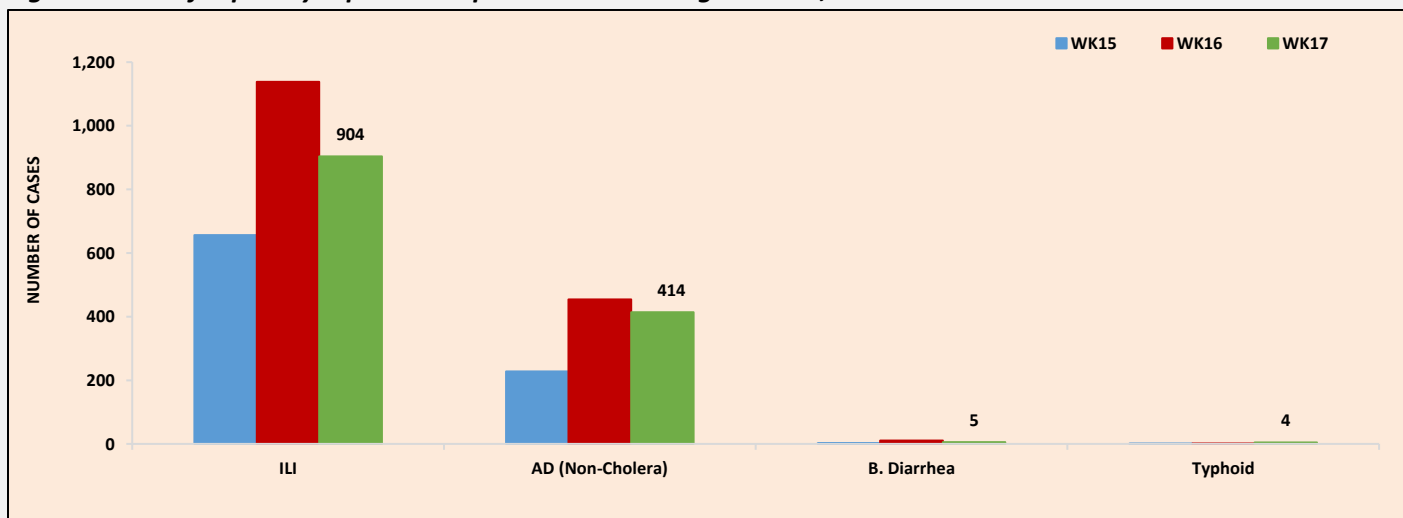*Figure 7: Most frequently reported suspected cases during week 18, ICT*
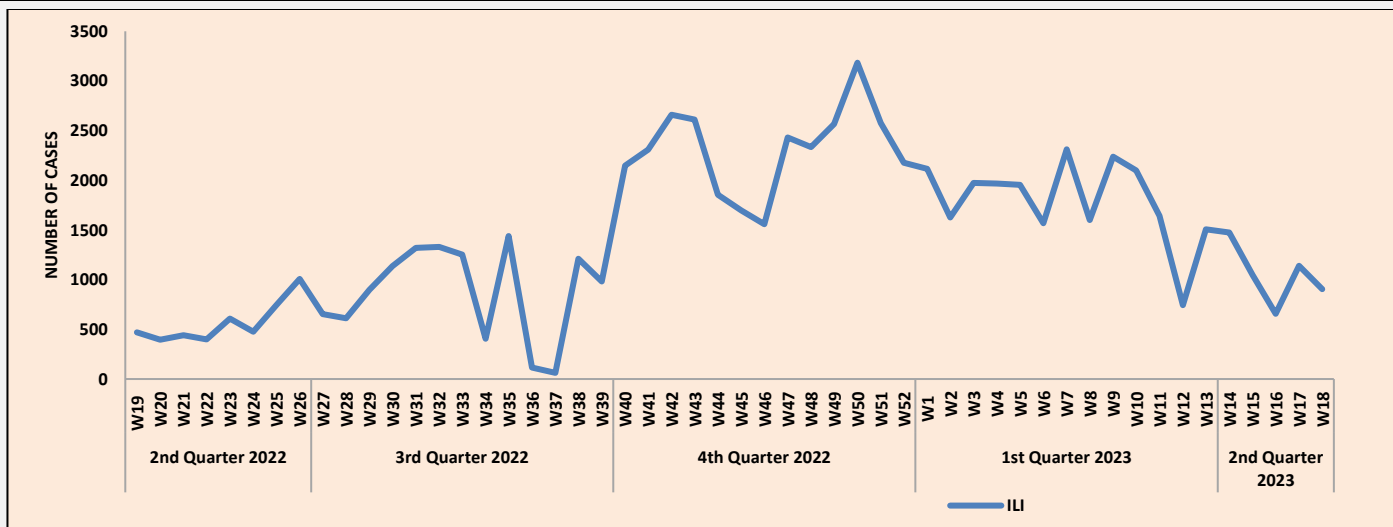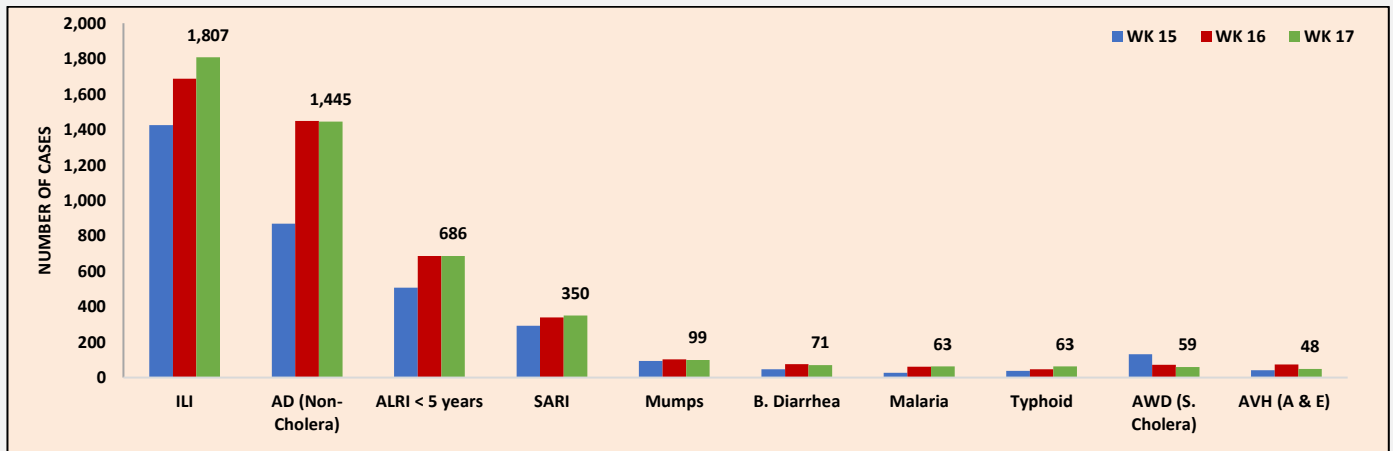

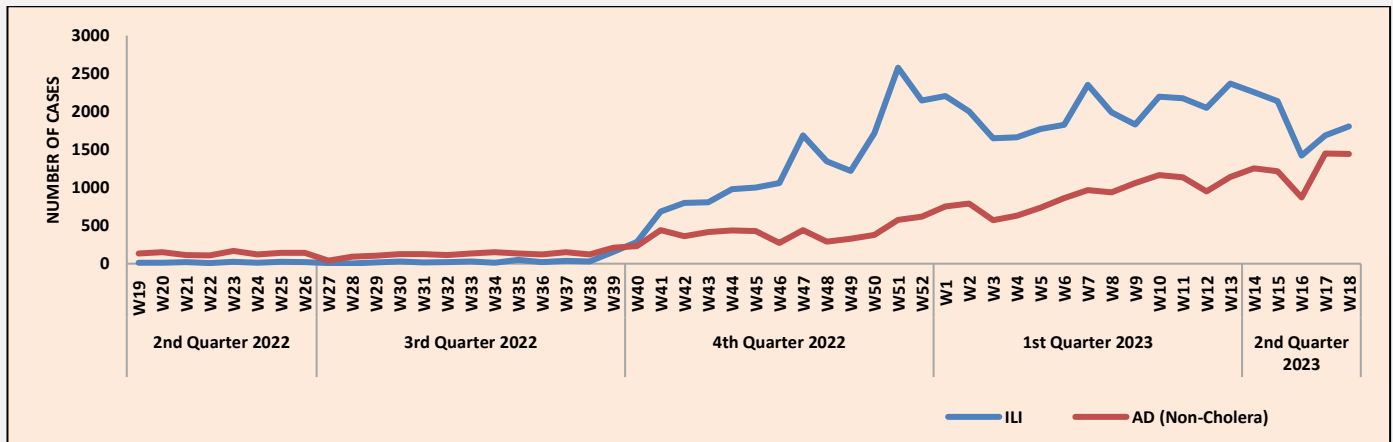*Figure 8: Week wise reported suspected cases of ILI, ICT*

Azad Jammu and Kashmir

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

Figure 9: Most frequently reported suspected cases during week 18, AJK
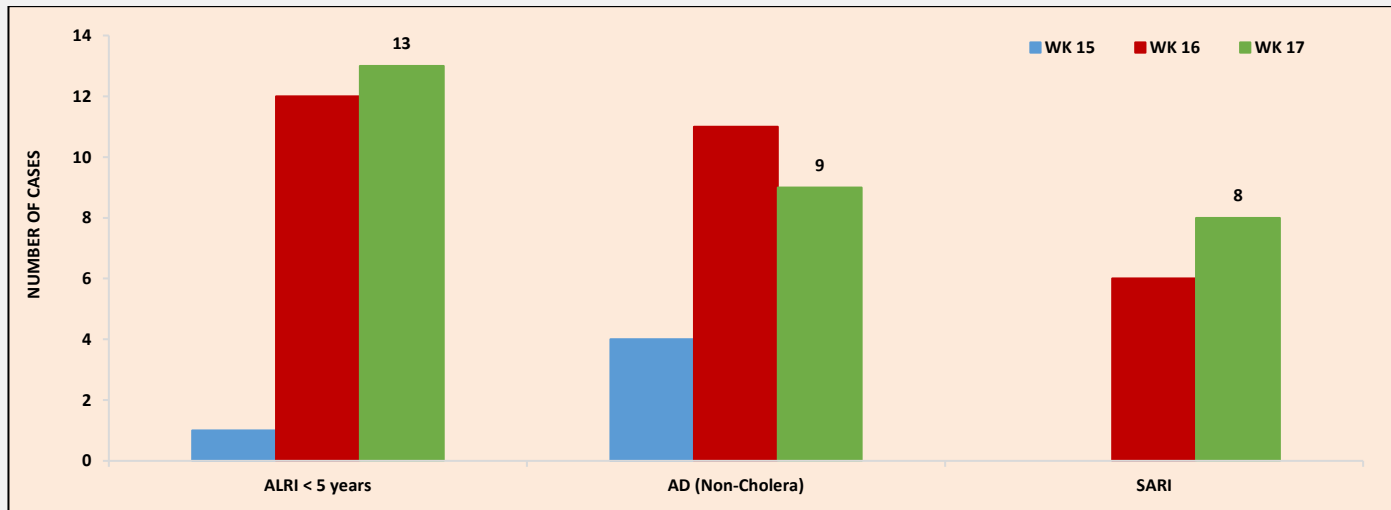

Figure 10: Week wise reported suspected cases of AD (Non-Cholera) and ALRI <5 years, AJK
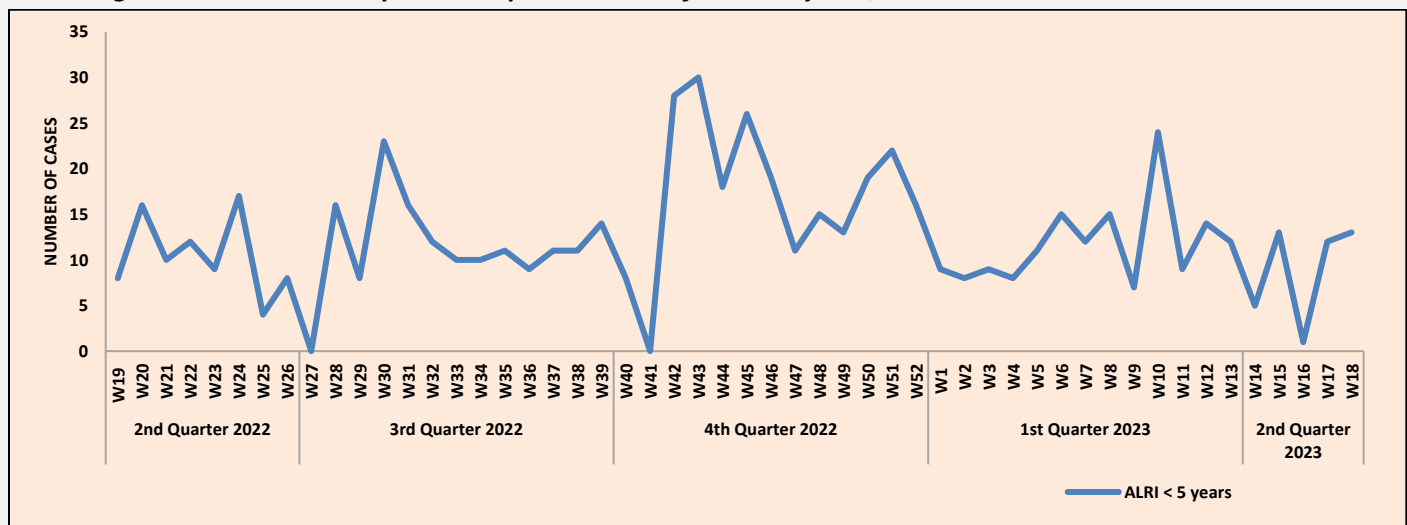

Gilgit-Baltistan

- ALRI<5 years cases were maximum followed by AD (Non-Cholera) and SARI.
- ALRI <5 years cases showed steady trend in cases this week.

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

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

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	Abbottabad	110	110	103	94%
	Bannu	92	92	84	91%
	Battagram	43	43	34	79%
	Buner	34	34	24	71%
	Charsadda	61	61	52	85%
	Chitral Lower	35	35	33	94%
	D.I. Khan	89	89	4	4%
	Dir Lower	75	75	71	95%
	Dir Upper	55	55	52	95%
	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	10	91%
	Kolai Palas	10	10	10	100%
	Lakki Marwat	49	49	49	100%
	Malakand	42	42	4	10%
	Mansehra	133	133	88	66%
	Mardan	84	84	63	75%
	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	34	100%
	Bhimber	20	20	14	70%
	Kotli	60	60	56	93%
	Muzaffarabad	43	43	40	93%
	Poonch	46	46	45	98%
	Haveli	43	43	33	77%
	Bagh	41	41	28	68%
	Jhelum Vellay	49	49	6	12%
	Sudhnooti	68	68	27	40%
Islamabad Capital Territory	ICT	18	18	14	78%
	CDA	9	9	5	56%
Balochistan	Gwadar	24	24	7	29%
	Kech	78	44	30	68%
	Khuzdar	136	20	17	85%
	Lasbella	85	85	85	100%
	Pishin	118	23	11	48%
	Quetta	77	22	17	77%
	Sibi	42	42	3	7%
	Zhob	37	37	24	65%
	Naserabad	45	45	31	69%
	kharan	32	32	26	81%
	sherani	32	32	5	16%
	kohlu	75	75	39	52%
	Chagi	65	65	20	31%
	kalat	65	65	15	23%
	Harnai	36	36	14	39%
	Jhal Magsi	39	39	25	64%
	Sohbat pur	26	26	20	77%
	Surab	33	33	11	33%
	Mastung	45	45	16	36%
Gilgit Baltistan	Hunza	31	31	30	97%
Sindh	Hyderabad	63	63	25	40%
	Ghotki	95	95	64	67%
	Umerkot	98	41	40	98%

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Naushahro Feroze	120	52	36	69%
Tharparkar	292	100	96	96%
Shikarpur	64	64	60	94%
Thatta	53	53	50	94%
Larkana	67	67	67	100%
Kamber Shadadkot	71	71	71	100%
Karachi-East	14	14	14	100%
Karachi-West	18	18	13	72%
Karachi-Malir	37	37	16	43%
Karachi-Central	11	11	11	100%
Karachi-Korangi	17	17	16	94%
Karachi-South	4	4	4	100%
Sujawal	31	31	27	87%
Mirpur Khas	124	124	104	84%
Badin	144	144	113	78%
Sukkur	65	65	64	98%
Dadu	90	90	89	99%
Sanghar	101	101	51	50%
Jacobabad	54	54	28	52%
Khairpur	203	203	160	79%
kashmore	59	59	53	90%
Matiari	42	42	41	98%
Jamshoro	70	70	63	90%
Tando Allahyar	54	54	50	93%
Tando Muhammad Khan	41	41	31	76%
Shaheed Benazirabad	124	124	122	98%

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