



# Field Epidemiology and Disease Surveillance Division (FEDSD)

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

31<sup>st</sup> March 2023

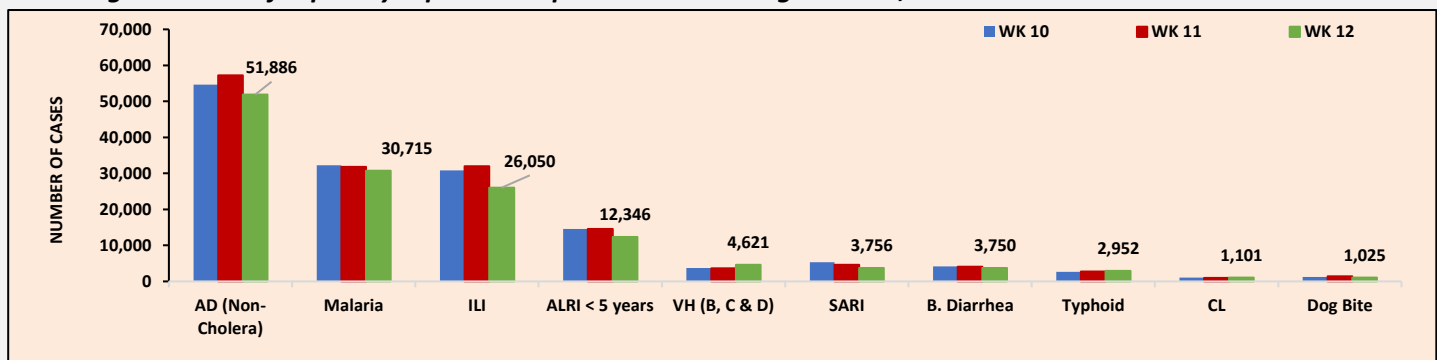
Epi Week-12 (20 - 26<sup>th</sup> March 2023)

*All reported cases in this report are suspected cases*

### Highlights:

- During week 12, most frequent reported cases were of Acute Diarrhea (Non-Cholera) followed by Malaria, ILI, ALRI <5 years, VH (B, C, D), SARI, B. Diarrhea, Typhoid, CL and Dog bite.
- Overall increase in cases observed for VH (B, C, D).
- Burden of AD cases is reported mostly from Sindh and KPK whereas VH (B, C, D) cases reported from Sindh. All are suspected cases and need verification.

**Figure 1: Most frequently reported suspected cases during week 12, Pakistan**



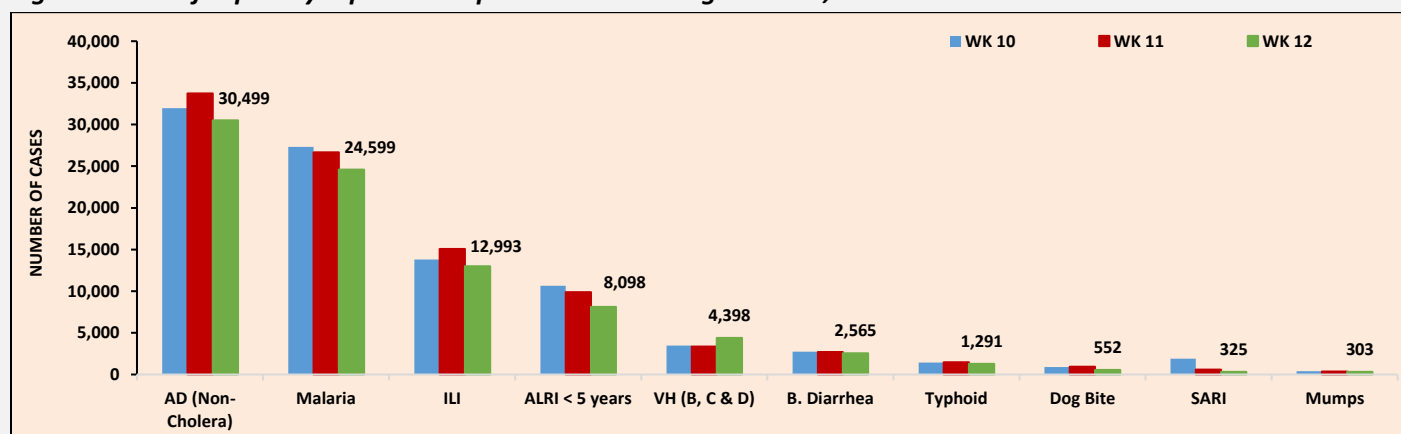
**Table 1: Province/Area wise distribution of most frequently reported cases during week 12, Pakistan.**

Diseases	AJK	Balochistan	GB	ICT	KP	Punjab	Sindh	Total
AD (Non-Cholera)	840	2,747	10	205	15,743	1842	30,499	51,886
Malaria	63	2812	0	0	3,241	NR	24,599	30,715
ILI	1769	2,952	0	637	7,589	110	12,993	26,050
ALRI < 5 years	888	1628	14	1	1717	NR	8,098	12,346
VH (B, C & D)	11	72	0	0	140	NR	4398	4,621
SARI	355	613	4	0	2459	NR	325	3,756
B. Diarrhea	57	527	1	1	599	NR	2,565	3,750
Typhoid	48	445	0	3	1165	NR	1,291	2,952
CL	2	182	0	0	913	NR	4	1,101
Dog Bite	11	86	0	0	376	NR	552	1,025
Mumps	111	45	0	6	208	NR	303	673
AVH (A & E)	19	15	0	0	200	NR	89	323
Measles	4	22	0	0	206	NR	39	271
AWD (S. Cholera)	33	79	1	0	11	NR	69	193
Chickenpox/ Varicella	6	13	0	1	94	NR	71	185
Pertussis	12	47	0	0	10	NR	5	74
Gonorrhea	1	44	0	0	5	NR	13	63
AFP	2	2	0	0	18	NR	5	27
Brucellosis	0	3	0	0	20	NR	0	23
Syphilis	0	2	0	0	1	NR	13	16
Meningitis	0	0	0	0	5	NR	7	12
NT	0	4	0	0	7	NR	0	11
Rubella (CRS)	4	0	0	0	1	NR	4	9
Leprosy	1	5	0	0	1	NR	1	8
Diphtheria (Probable)	0	4	0	0	1	NR	1	6
Chikungunya	0	0	0	0	5	NR	1	6
HIV/AIDS	0	0	0	0	1	NR	3	4
Anthrax	0	0	0	0	0	NR	0	0

## Sindh

- AD (Non-Cholera cases were maximum followed by Malaria, ILI, ALRI<5 Years, VH (B, C, D), B. Diarrhea, Typhoid, Dog bite, SARI and Mumps cases.
- An increased trend in cases observed for VH (B, C, D) mostly from Dadu and Shikarpur.
- Three hundred and three cases of Mumps reported, highest cases were from Matiari, Dadu and Karachi Korangi whereas 39 cases of Measles reported mainly from Badin and Karachi West. All are suspected cases. Teams are in field for epidemiological investigations.

**Figure 2: Most frequently reported suspected cases during week 12, Sindh**



**Table 2: District wise distribution of most frequently reported suspected cases during week 12, Sindh**

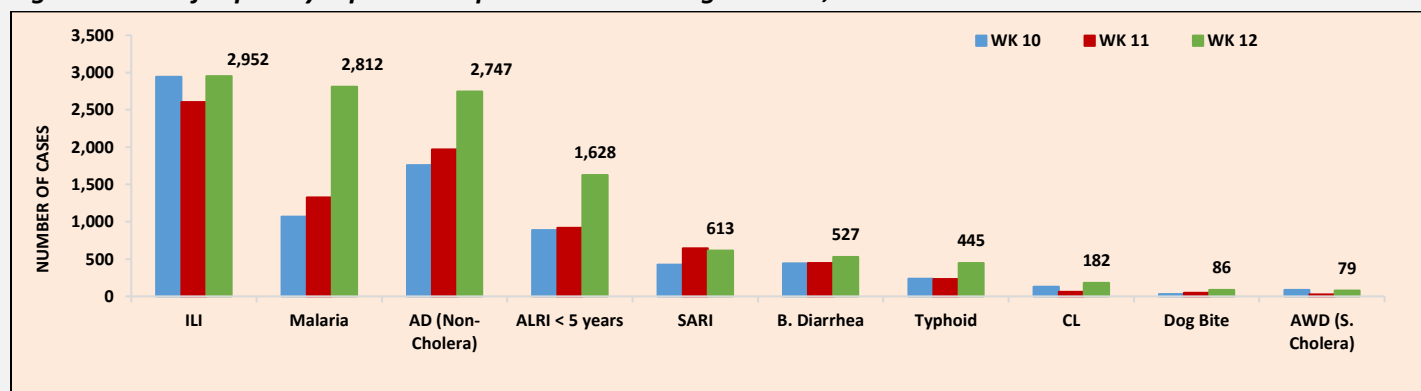
DISTRICTS	AD (Non-Cholera)	Malaria	ILI	ALRI < 5 years	B. Diarrhea	Typhoid	SARI	Measles	VH (B, C & D)	Dengue	Dog Bite
Badin	1,608	874	93	469	183	29	0	15	44	0	80
Dadu	2,990	2,261	651	1,032	252	204	49	0	912	0	4
Ghotki	471	266	0	244	73	31	4	0	197	0	29
Hyderabad	65	6	658	67	5	0	0	0	1	0	0
Jacobabad	563	547	6	235	29	4	0	0	119	0	39
Jamshoro	491	422	0	160	60	21	0	0	69	0	7
Kamber	1,295	2,415	10	341	105	22	0	0	280	0	2
Karachi Central	189	12	265	3	5	16	0	1	4	0	0
Karachi East	186	52	26	1	6	0	0	0	0	0	1
Karachi Keamari	355	4	24	2	3	2	0	0	0	2	0
Karachi Korangi	313	81	121	25	1	3	0	0	0	7	2
Karachi Malir	1,151	107	1,175	306	0	51	23	3	80	21	67
Karachi South	76	0	0	0	0	0	0	0	0	0	0
Karachi West	638	28	151	15	5	37	0	9	11	0	36
Kashmore	586	1,212	491	228	58	26	4	1	23	0	57
Khairpur	973	1,235	182	749	105	141	0	0	230	0	13
Larkana	1,382	5,000	0	251	178	0	0	0	448	0	0
Matiari	1,881	581	190	263	138	99	8	1	235	0	15
Mirpurkhas	2,528	1,378	2,868	435	117	37	0	0	113	0	17
Naushero Feroze	1,000	902	194	328	246	129	105	0	74	0	0
Sanghar	2,675	1,079	284	551	165	162	19	0	424	0	117
Shaheed Benazirabad	1,796	1,070	57	518	98	154	2	2	116	0	0
Shikarpur	1,058	814	2	223	117	2	5	5	556	0	23
Sujawal	187	351	0	54	30	0	0	0	0	0	1
Sukkur	1,456	859	1,980	520	215	11	1	0	320	0	0
Tando Allahyar	1,407	637	1,437	162	115	37	0	0	89	0	22
Tando Muhammad Khan	256	146	0	66	13	11	1	1	6	0	14
Tharparkar	1,490	985	2,128	623	132	32	96	1	45	28	6
Thatta	77	38	0	8	28	0	0	0	0	0	0
Umerkot	1,356	1,237	0	219	83	30	8	0	2	0	0

<b>Total</b>	30,499	24,599	12,993	8,098	2,565	1,291	325	39	4,398	58	552
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### Balochistan

- ILI, Malaria, AD (Non-Cholera), ALRI <5 years, SARI, B. Diarrhea, Typhoid, CL, Dog bite and AWD (S. Cholera) were the most frequently reported diseases from Balochistan province.
- This week, AD, Malaria, ILI, ALRI <5 years, B. Diarrhea, Typhoid and CL all showed an upward trend in cases.
- Seventy-nine AWD cases reported mainly from Sibi and Quetta. All are suspected cases and field investigation are being carried out by concerned for verification of cases.

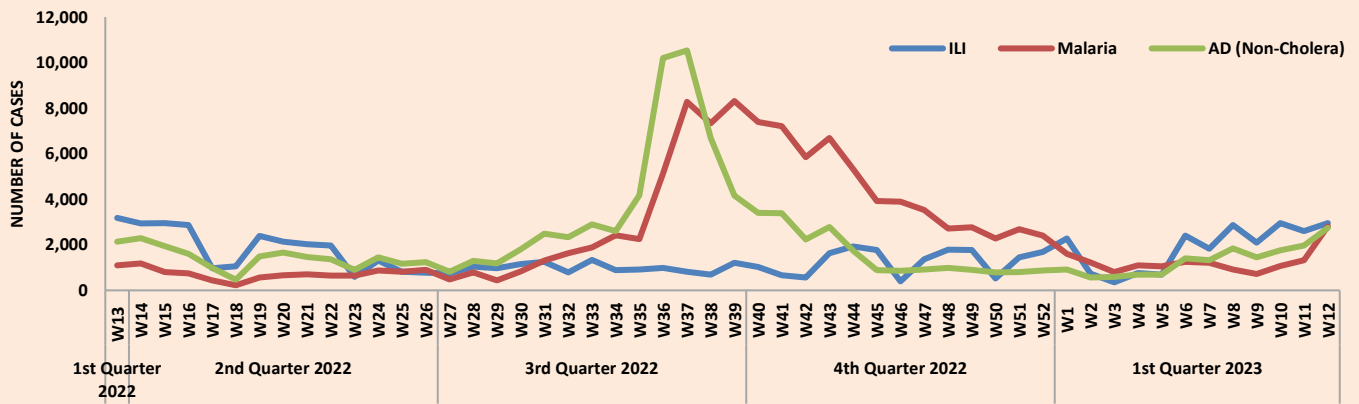
**Figure 3: Most frequently reported suspected cases during week 12, Balochistan**



**Table 3: District wise distribution of most frequently reported suspected cases during week 12, Balochistan**

Districts	ILI	Malaria	AD (Non-Cholera)	ALRI < 5 years	SARI	B. Diarrhea	Typhoid	CL	Dog Bite	AWD (S. Cholera)
Chagai	64	0	55	0	0	21	4	1	0	0
Jaffarabad	273	1,516	655	208	57	84	213	12	37	5
Kalat	0	0	0	0	0	0	2	0	0	0
Kech (Turbat)	676	182	323	199	92	102	4	0	0	0
Kharan	76	6	44	0	0	10	0	0	0	6
Khuzdar	127	32	80	5	8	45	7	0	0	0
Killa Abdullah	14	0	11	0	19	6	3	122	0	0
Kohlu	91	51	48	19	18	25	17	10	0	6
Lasbella	56	458	848	527	307	57	23	15	36	7
Musa Khail	10	4	0	0	0	0	2	0	0	8
Naseerabad	0	309	36	22	0	0	56	1	0	0
Pishin	220	5	53	102	1	37	11	10	6	0
Quetta	598	10	251	232	6	47	25	9	0	19
Sherani	58	8	60	0	0	1	0	0	0	2
Sibi	590	195	134	36	29	43	67	2	7	26
Zhob	99	36	149	278	76	49	11	0	0	0
<b>Total</b>	<b>2,952</b>	<b>2,812</b>	<b>2,747</b>	<b>1,628</b>	<b>613</b>	<b>527</b>	<b>445</b>	<b>182</b>	<b>86</b>	<b>79</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, CL, B. Diarrhea, Dog bite and Mumps cases.
- Malaria, AD, ILI, SARI, ALRI <5 years, CL and B. Diarrhea all showed a decline trend in cases compared to last week.
- Cases of AD mostly reported from Swat, Peshawar and Charsadda. Field investigation is required to distinguish between AD and AWD cases with implementation of prevention and control measures.

Figure 5: Most frequently reported suspected cases during week 12, KP

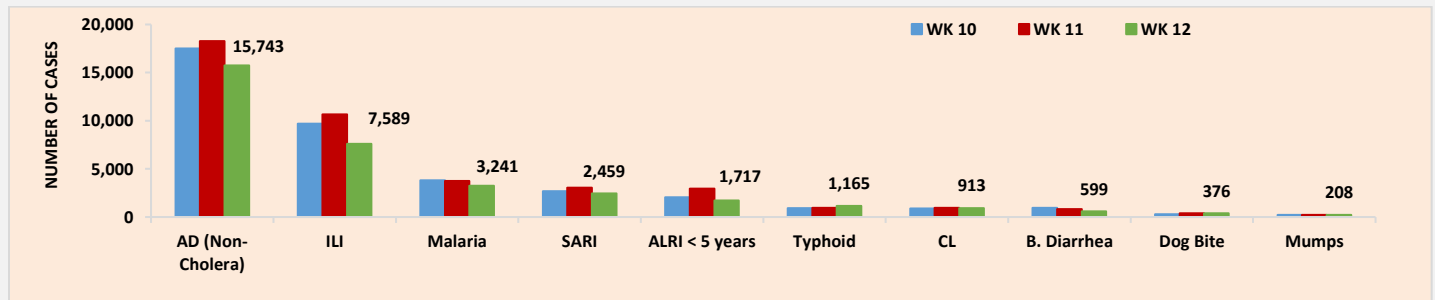
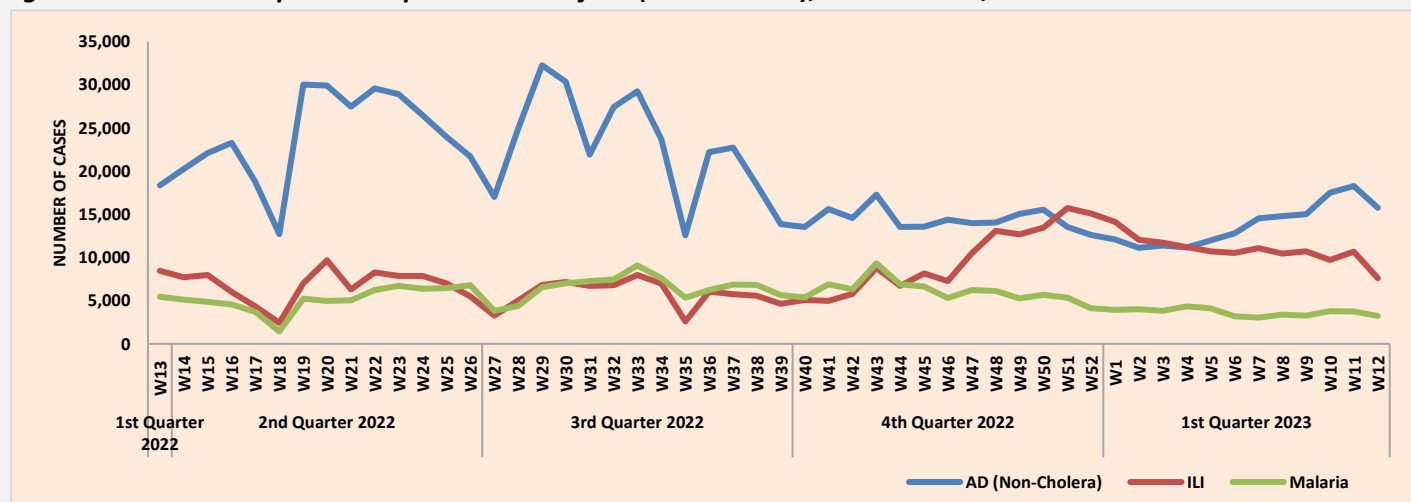


Table 4: District wise distribution of most frequently reported suspected cases during week 12, KP

Diseases	AD (Non-Cholera)	Malaria	ILI	SARI	ALRI < 5 years	B. Diarrhea	Typhoid	Dog Bite	AWD (S. Cholera)	AVH (A & E)
Abbottabad	354	5	0	8	3	6	0	0	1	1
Bannu	595	164	637	0	1	39	0	8	1	0
Battagram	195	608	14	1	11	2	0	0	0	1
Buner	277	0	392	0	1	42	0	3	13	8
Charsadda	1,275	118	13	86	18	0	0	0	0	0
Chitral Lower	274	148	0	909	19	12	4	2	8	15
Chitral Upper	68	0	0	222	1	9	0	0	1	2
D.I. Khan	1,001	0	38	1	11	3	0	16	2	3
Dir Lower	932	529	289	318	266	51	7	93	29	17
Dir Upper	373	164	2	12	257	11	4	54	0	8
Hangu	249	465	260	211	12	16	97	34	15	1
Haripur	737	535	1	42	235	34	0	3	0	15
Karak	230	104	32	20	16	8	620	0	19	3
Khyber	12	117	3	2	2	5	41	6	0	0
Kohat	56	22	11	4	0	1	6	0	1	0
Kohistan Lower	40	0	0	61	13	0	0	4	0	0
Kohistan Upper	289	71	0	55	11	90	0	23	0	6
Kolai Palas	0	0	0	0	0	0	0	0	0	0
Lakki Marwat	472	20	476	1	60	24	6	29	0	6

Malakand	120	0	34	35	39	46	0	90	0	42
Mansehra	463	835	0	119	56	123	0	33	175	4
Mardan	35	118	23	0	0	0	0	20	0	1
Nowshera	1,075	111	42	25	3	14	38	19	5	6
Peshawar	2,000	1,695	33	42	52	53	22	78	11	30
Shangla	316	0	115	30	13	51	1	5	81	0
Swabi	1,222	1,189	20	222	221	31	0	8	0	12
Swat	2,013	419	19	0	84	100	0	20	10	11
Tank	1,001	152	761	0	304	384	51	24	0	6
Tor Ghar	69	0	26	33	8	10	16	27	4	10
Total	15,743	7,589	3,241	2,459	1,717	1,165	913	599	376	208

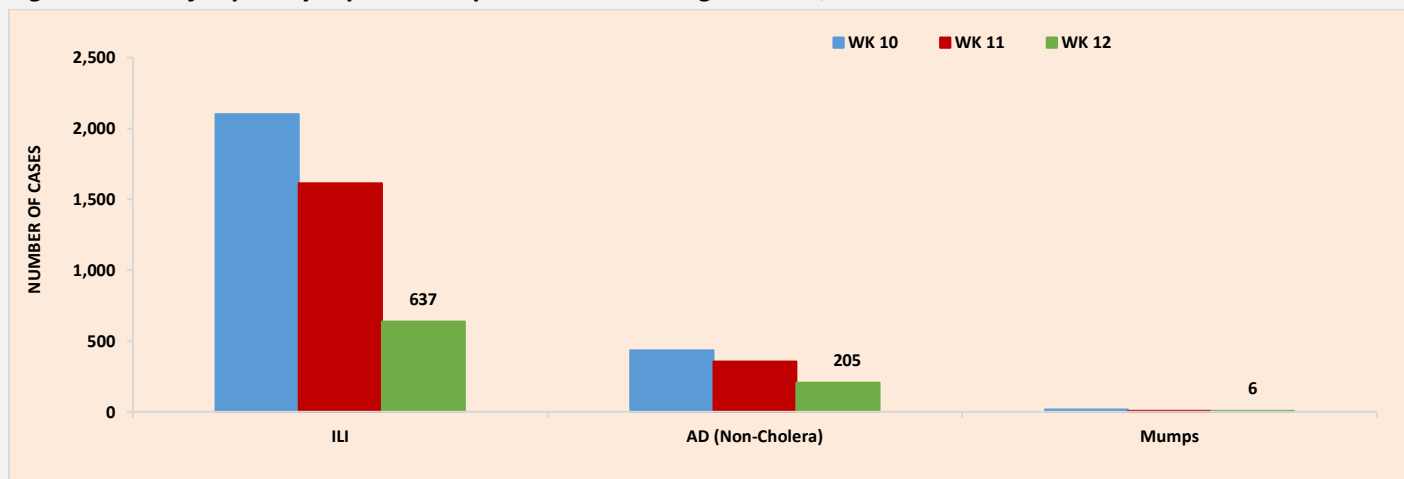
Figure 6: Week wise reported suspected cases of AD (Non-Cholera), ILI & Malaria, KP



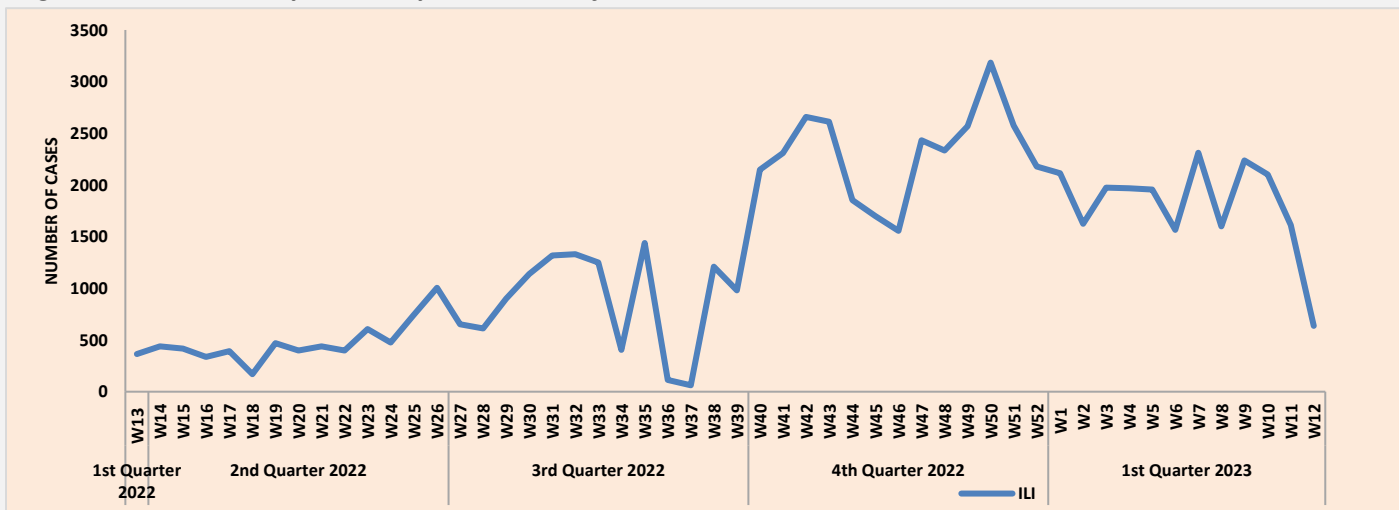
### Islamabad

- The most frequently reported cases from Islamabad were ILI followed by AD (Non-Cholera) and Mumps.
- Overall, there is decline in ILI and AD (Non-Cholera) cases this week.

Figure 7: Most frequently reported suspected cases during week 12, ICT



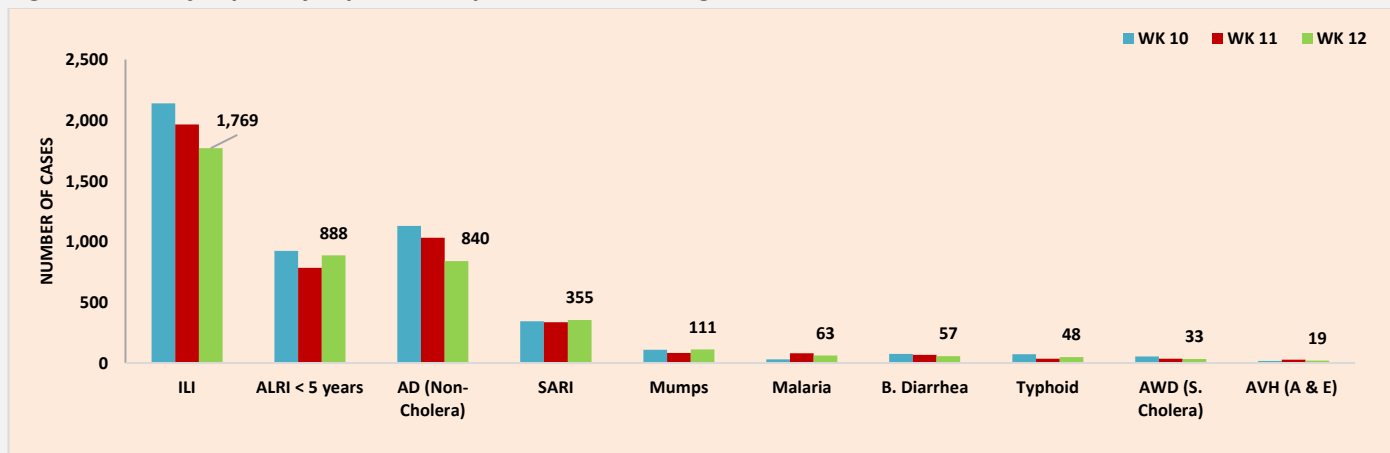
**Figure 8: Week wise reported suspected cases of ILI, ICT**



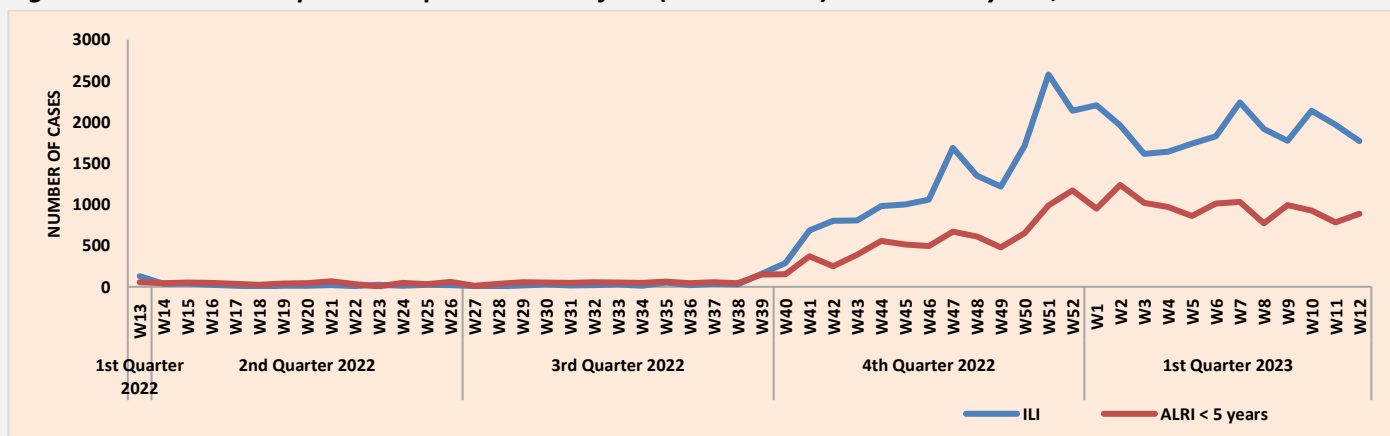
**Azad Jammu and Kashmir**

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

**Figure 9: Most frequently reported suspected cases during week 12, AJK**



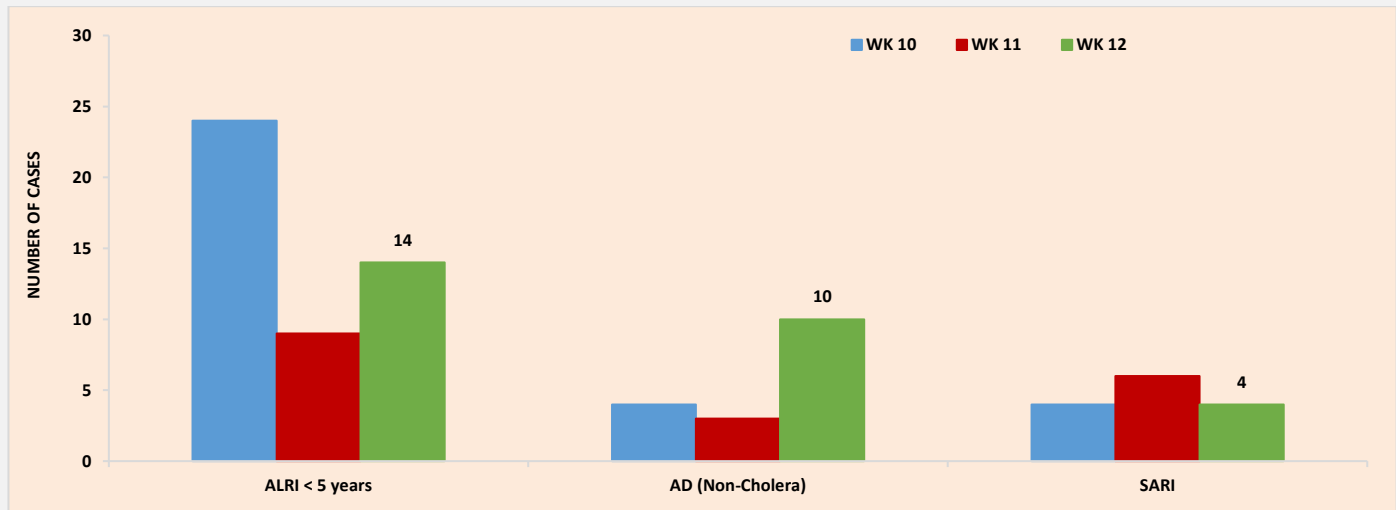
**Figure 10: Week wise reported suspected cases of AD (Non-Cholera) and ALRI <5 years, AJK**



**Gilgit-Baltistan**

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

**Figure 11: Most frequent cases reported during WK 12, 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	Abbottabad	110	110	104	98%
	Bannu	92	92	86	88%
	Battagram	43	43	41	88%
	Buner	34	34	34	100%
	Charsadda	61	61	52	89%
	Chitral	64	64	14	97%
	D.I. Khan	89	89	32	100%
	Dir Lower	75	75	89	100%
	Dir Upper	55	55	73	96%
	Hangu	22	22	52	73%

	Haripur	69	69	22	93%
	Karak	34	34	68	88%
	Khyber	40	40	31	63%
	Kohat	59	59	17	93%
	Kohistan Lower	11	11	59	45%
	Kohistan Upper	20	20	10	85%
	Kolai Palas	10	10	19	30%
	Lakki Marwat	49	49	10	100%
	Malakand	42	42	49	81%
	Mansehra	133	133	40	74%
	Mardan	84	84	113	80%
	Nowshera	52	52	81	98%
	Peshawar	101	101	47	93%
	Shangla	36	36	89	25%
	Swabi	60	60	6	95%
	Swat	77	77	57	88%
	Tank	34	34	73	97%
	Torghar	10	10	33	100%
Azad Jammu Kashmir	Mirpur	35	35	10	29%
	Bhimber	20	20	13	65%
	Kotli	60	60	59	98%
	Muzaffarabad	43	43	43	100%
	Poonch	46	46	46	100%
	Haveli	43	43	27	63%
	Bagh	41	41	39	95%
	Jhelum Vellay	49	49	17	35%
	Sudhnooti	68	68	24	35%
Islamabad Capital Territory	ICT	18	18	12	67%
Balochistan	Kech	78	44	25	57%
	Khuzdar	136	20	15	75%
	Killa Abdullah	50	32	4	13%
	Lasbella	85	85	85	100%
	Pishin	118	23	10	43%
	Quetta	77	22	15	68%
	Sibi	42	42	15	36%
	Zhob	37	37	28	76%
	Jaffarabad	47	47	41	87%
	Naserabad	45	45	37	82%
	kharan	32	32	17	53%
	sherani	32	32	9	28%
	kohlu	75	75	14	19%
	Chagi	65	65	8	12%



	kalat	65	65	2	3%
	Musa khail	68	68	1	1%
<b>Gilgit Baltistan</b>	Hunza	31	31	31	100%
	Hyderabad	63	63	22	35%
	Ghotki	62	62	42	68%
	Umerkot	98	41	41	100%
	Naushahro Feroze	120	52	36	69%
	Tharparkar	292	100	95	95%
	Shikarpur	32	32	32	100%
	Thatta	53	53	47	89%
	Larkana	67	67	67	100%
	Kamber Shadadkot	70	70	70	100%
	Karachi-East	14	14	14	100%
	Karachi-West	18	18	18	100%
	Karachi-Malir	37	37	28	76%
	Karachi-Kemari	17	17	12	71%
	Karachi-Central	12	12	12	100%
	Karachi-Korangi	17	17	7	41%
	Karachi-South	4	4	4	100%
	Sujawal	31	31	19	61%
	Mirpur Khas	124	124	84	68%
	Badin	13	13	13	100%
	Sukkur	65	65	63	97%
	Dadu	71	68	68	100%
	Sanghar	101	101	80	79%
	Jacobabad	54	54	22	41%
	Khairpur	203	203	127	63%
<b>Punjab</b>	Bahawalpur	91	91	91	100%

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