



# Field Epidemiology and Disease Surveillance Division (FEDSD)

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

08<sup>th</sup> June 2023

Epi Week-22 (29<sup>th</sup> May– 04<sup>th</sup> June 2023)

#### All reported cases in this report are suspected cases

##### Highlights:

- During week 22, 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, CL and Mumps.
- This week, there is overall decrease in all disease cases recorded from IDSR districts.
- Vaccine Preventable Diseases (VPDs) cases are reported across the country. This week 668 cases of Mumps mainly from Sindh, AJK and KPK. All are suspected cases and need field verification.
- HIV/ AIDS cases are reported from Sindh and KPK. Field investigation is in progress and blood samples are being collected.

Figure 1: Most frequently reported suspected cases during week 22, Pakistan

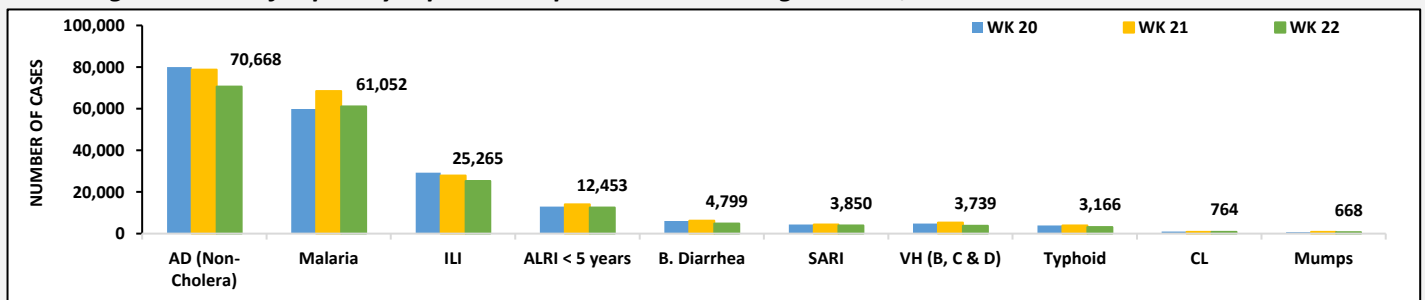


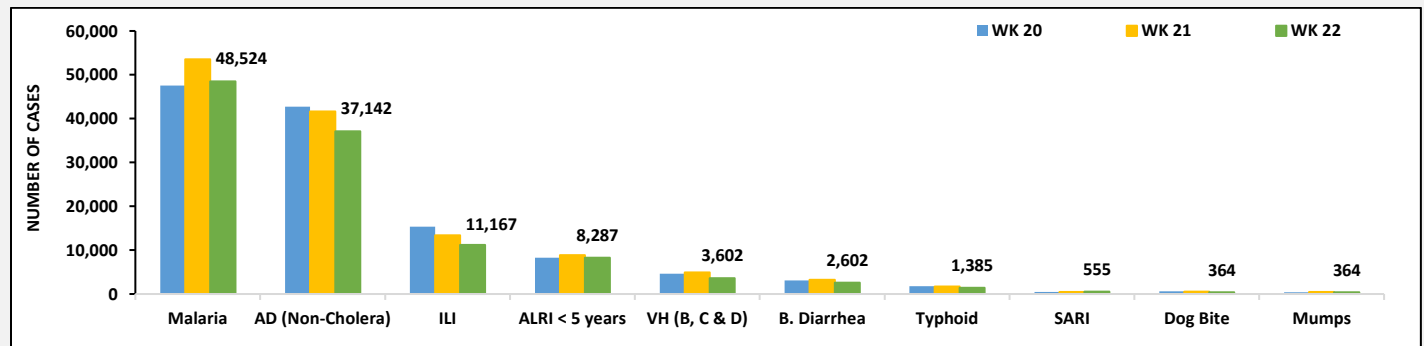
Table 1: Province/Area wise distribution of most frequently reported cases during week 22, Pakistan.

Diseases	AJK	Balochistan	GB	ICT	KP	Punjab	Sindh	Total
AD (Non-Cholera)	1,946	4,315	11	557	26,697	NR	37,142	70,668
Malaria	72	7,488	0	0	4,968	NR	48,524	61,052
ILI	2,366	3,171	0	1,118	7,443	NR	11,167	25,265
ALRI < 5 years	1,013	1,249	14	1	1889	NR	8287	12,453
B. Diarrhea	117	1,209	0	6	865	NR	2,602	4,799
VH (B, C & D)	13	63	0	0	61	NR	3602	3,739
SARI	411	852	6	0	2026	NR	555	3,850
Typhoid	56	610	2	0	1113	NR	1,385	3,166
CL	70	82	0	0	612	NR	0	764
Mumps	106	79	5	1	113	NR	364	668
Dog Bite	38	25	0	1	158	NR	364	586
AWD (S. Cholera)	88	345	4	0	65	NR	76	578
AVH (A & E)	22	11	0	0	236	NR	111	380
Measles	15	27	0	0	228	NR	56	326
Chickenpox/ Varicella	19	26	0	11	108	NR	75	239
Gonorrhea	2	112	0	0	13	NR	30	157
Pertussis	2	134	0	0	10	NR	29	175
Dengue	0	43	0	0	27	NR	59	129
VL	0	23	0	0	0	NR	8	31
AFP	3	0	0	0	11	NR	21	35
Syphilis	0	6	0	0	1	NR	18	25
Meningitis	2	5	0	0	1	NR	15	23
HIV/AIDS	0	0	0	0	10	NR	12	22
Leprosy	0	0	0	0	15	NR	9	24
CCHF	0	0	0	0	0	NR	0	0
Brucellosis	0	7	0	0	4	NR	3	14
Rubella (CRS)	0	0	0	0	2	NR	9	11
NT	0	0	0	0	6	NR	0	6
Diphtheria (Probable)	0	0	0	0	1	NR	1	2

## Sindh

- Malaria cases were maximum followed by AD (Non-Cholera), ILI, ALRI<5 Years, VH (B, C, D), B. Diarrhea, Typhoid, SARI, dog bite and Mumps.
- There is decline in all cases reported this week from Sindh province.
- Malaria cases are from Kamber, Larkana, Umerkot and Sanghar whereas AD cases are mostly from Badin, Dadu, Sanghar, Khairpur and Shaheed Benazirabad.
- Cases of VH (B, C,D) are on rise and mostly reported from Matiari and Sanghar. Epidemiological investigations are required to verify cases and to control the disease.

**Figure 2: Most frequently reported suspected cases during week 22, Sindh**



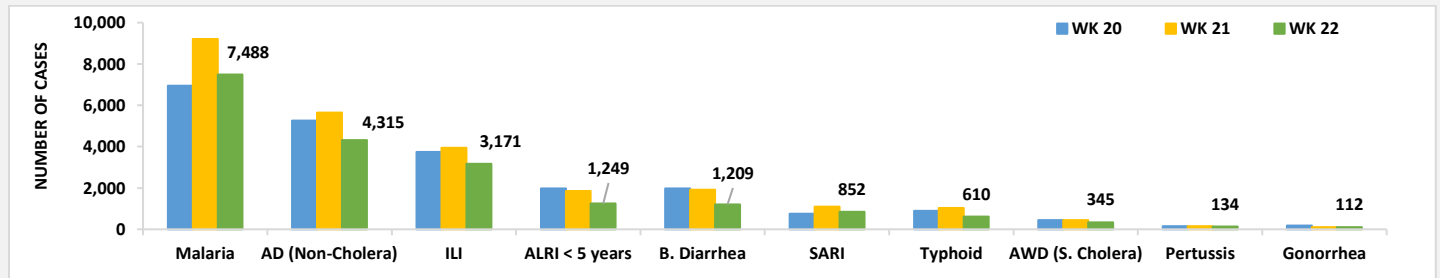
**Table 2: District wise distribution of most frequently reported suspected cases during week 22, Sindh**

DISTRICTS	AD (Non-Cholera)	Malaria	ILI	ALRI < 5 years	B. Diarrhea	Typhoid	SARI	Measles	VH (B, C & D)	Dengue	Dog Bite
Badin	2,803	3,093	113	532	175	42	0	7	302	0	91
Dadu	2,962	2,926	121	1,222	190	133	3	3	3	0	0
Ghotki	881	589	0	375	90	21	0	2	252	0	0
Hyderabad	1,103	226	162	38	4	12	0	3	45	0	1
Jacobabad	704	1,007	22	286	45	0	1	1	90	0	43
Jamshoro	116	152	0	14	5	3	0	0	6	0	0
Kamber	1,964	5,565	0	229	146	14	0	0	89	0	0
Karachi Central	1,179	113	1,204	63	122	197	10	20	172	3	2
Karachi East	238	66	46	15	6	1	0	1	0	16	0
Karachi Keamari	489	6	196	24	2	4	1	0	0	0	0
Karachi Korangi	344	87	13	1	17	1	0	0	0	7	2
Karachi Malir	1,293	78	1,017	218	64	29	24	0	24	1	14
Karachi South	98	32	1	0	1	1	0	0	0	0	0
Karachi West	612	48	352	174	28	21	24	4	8	15	23
Kashmore	493	1,389	215	188	42	16	1	0	26	0	3
Khairpur	2,150	2,458	195	784	286	179	394	0	135	0	27
Larkana	1,641	9,690	0	165	206	0	22	1	60	0	0
Matiari	1,783	1,226	0	181	73	61	0	0	446	17	15
Mirpurkhas	2,358	2,818	2,623	369	47	23	49	1	58	0	3
Naushero Feroze	908	1,003	413	218	56	138	0	0	144	0	8
Sanghar	1,405	810	30	309	102	78	16	1	537	0	21
Shaheed Benazirabad	2,023	1,590	32	389	83	212	0	1	93	0	0
Shikarpur	1,154	1,319	0	132	110	2	0	0	200	0	0
Sujawal	561	652	0	90	9	1	0	0	0	0	0
Sukkur	1,614	2,253	2,042	343	203	17	0	2	288	0	0
Tando Allahyar	1,832	923	567	186	88	40	0	1	191	0	37
Tando Muhammad Khan	1,231	1,109	3	136	74	12	5	0	135	0	42
Tharparkar	1,096	1,572	1,072	345	92	25	0	7	62	0	5
Thatta	494	1,097	728	6	41	9	5	0	120	0	27
Umerkot	1,613	4,627	0	1,255	195	93	0	1	116	0	0
<b>Total</b>	<b>37,142</b>	<b>48,524</b>	<b>11,167</b>	<b>8,287</b>	<b>2,602</b>	<b>1,385</b>	<b>555</b>	<b>56</b>	<b>3,602</b>	<b>59</b>	<b>364</b>

### Balochistan

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

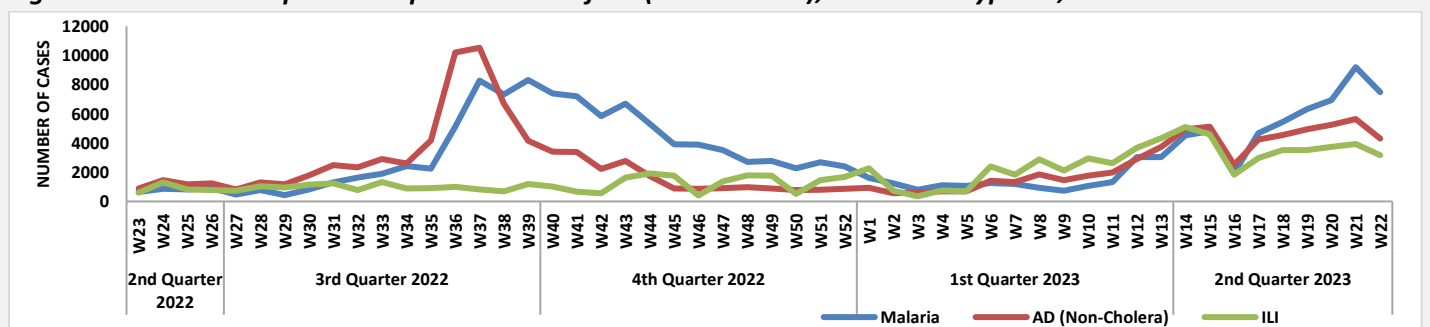
**Figure 3: Most frequently reported suspected cases during week 22, Balochistan**



**Table 3: District wise distribution of most frequently reported suspected cases during week 22, Balochistan**

Districts	ILI	Malaria	AD (Non-Cholera)	ALRI < 5 years	SARI	B. Diarrhea	Typhoid	CL	Dog Bite	AWD (S. Cholera)
Chagai	298	67	149	0	0	51	47	0	0	13
Duki	90	120	115	13	20	44	13	8	0	29
Harnai	2	95	320	307	0	113	7	0	0	18
Jhal Magsi	0	1,268	350	40	17	13	11	6	9	20
Kachhi (Bolan)	3	224	114	23	0	16	52	0	0	0
Kalat	12	10	21	1	1	11	8	0	0	6
Kech (Turbat)	589	715	304	97	5	73	0	0	0	11
Kharan	167	266	130	0	0	80	11	0	2	3
Khuzdar	111	228	92	0	8	45	14	0	0	2
Kohlu	99	109	57	22	14	71	33	3	1	1
Lasbella	86	919	406	129	301	85	14	4	3	2
Loralai	157	76	205	63	104	41	29	0	0	9
Mastung	213	125	512	97	123	150	97	17	4	144
Musa Khail	27	39	19	16	13	24	6	0	0	13
Naseerabad	3	712	142	14	1	7	34	0	1	3
Nushki	0	173	187	0	0	95	1	2	0	13
Pishin	209	11	128	36	0	82	20	18	3	0
Quetta	722	19	367	44	19	82	27	8	2	40
Sherani	27	19	8	0	1	10	6	7	0	0
Sibi	232	480	143	31	35	25	82	0	0	16
Sohbat pur	12	1,694	422	132	115	59	85	9	0	0
SURAB	18	29	15	0	3	0	8	0	0	0
Zhob	94	90	109	184	72	32	5	0	0	2
<b>Total</b>	<b>3,171</b>	<b>7,488</b>	<b>4,315</b>	<b>1,249</b>	<b>852</b>	<b>1,209</b>	<b>610</b>	<b>82</b>	<b>25</b>	<b>345</b>

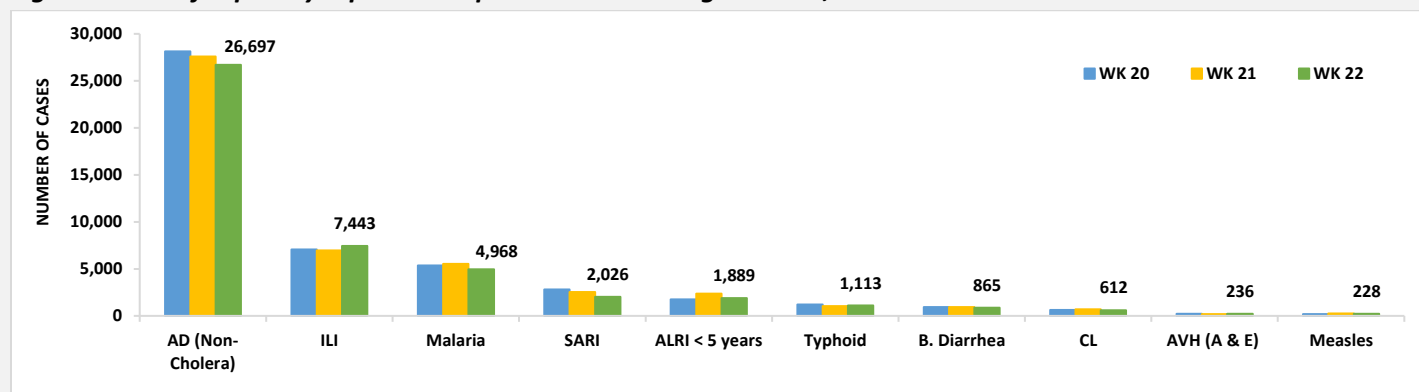
**Figure 4: Week wise reported suspected cases of AD (Non-Cholera), Malaria & Typhoid, Balochistan**



## 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 Measles cases.
- AD showed downward trend in cases this week whereas ILI and Malaria has upward trend.
- Cases of B. Diarrhea were mostly reported from Peshawar and Dir Lower. Further, 15 cases of suspected Cholera reported from Kohistan Upper.

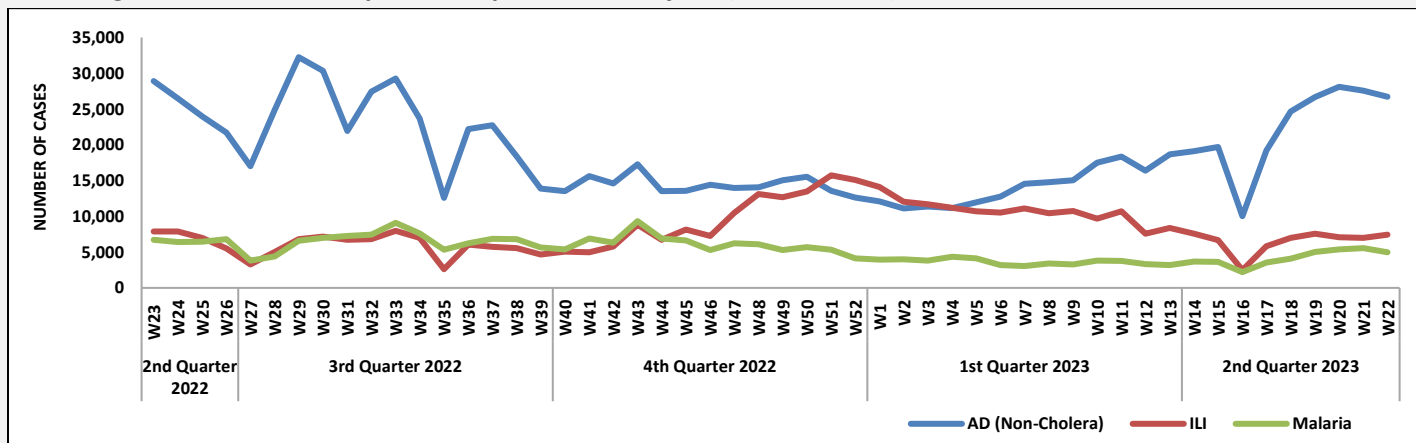
**Figure 5: Most frequently reported suspected cases during week 22, KP**



**Table 4: District wise distribution of most frequently reported suspected cases during week 22, KP**

Diseases	AD (Non-Cholera)	Malaria	ILI	SARI	ALRI < 5 years	B. Diarrhea	Typhoid	Dog Bite	AWD (S. Cholera)	AVH (A & E)
Abbottabad	606	2	5	13	4	1	14	2	0	0
Bannu	316	718	135	0	5	11	38	0	0	0
Battagram	376	57	749	3	8	0	0	1	0	4
Buner	871	643	0	35	0	21	27	14	0	0
Charsadda	1,528	16	325	29	7	0	3	0	0	0
Chitral Lower	517	5	144	749	8	0	7	15	0	1
Chitral Upper	85	2	2	214	2	0	9	1	0	0
D.I. Khan	931	292	0	6	30	8	0	21	14	0
Dir Lower	1,969	498	235	144	217	118	79	15	0	102
Dir Upper	605	13	73	0	90	33	31	0	0	9
Hangu	434	411	693	187	15	30	44	3	0	15
Haripur	1,306	9	375	27	149	0	40	2	0	17
Karak	446	79	156	27	13	4	8	17	2	0
Khyber	25	29	90	2	2	10	7	0	0	3
Kohat	56	18	30	2	2	0	0	3	0	0
Kohistan Lower	74	0	0	207	5	29	0	0	8	0
Kohistan Upper	388	13	99	70	5	42	71	1	15	0
Kolai Palas	83	1	0	0	1	14	0	0	0	0
Lakki Marwat	545	1,121	0	0	23	21	9	0	0	0
Malakand	621	5	15	13	19	83	15		0	3
Mansehra	843	2	901	79	56	34	167	0	4	6
Mardan	1,463	77	896	61	307	66	0	3	0	2
Nowshera	1,971	50	91	9	4	37	27	1	0	9
Peshawar	3,529	89	1,254	35	369	189	126	2	7	16
Shangla	134	312	0	0	7	2	38	20	6	2
Swabi	2,288	44	917	75	253	29	38	1	1	38
Swat	3,572	65	258	0	182	47	99	30	0	9
Tank	1,003	276	0	0	98	14	202	1	0	0
Tor Ghar	112	121	0	39	8	22	14	5	8	0
<b>Total</b>	<b>26,697</b>	<b>4,968</b>	<b>7,443</b>	<b>2,026</b>	<b>1,889</b>	<b>865</b>	<b>1,113</b>	<b>158</b>	<b>65</b>	<b>236</b>

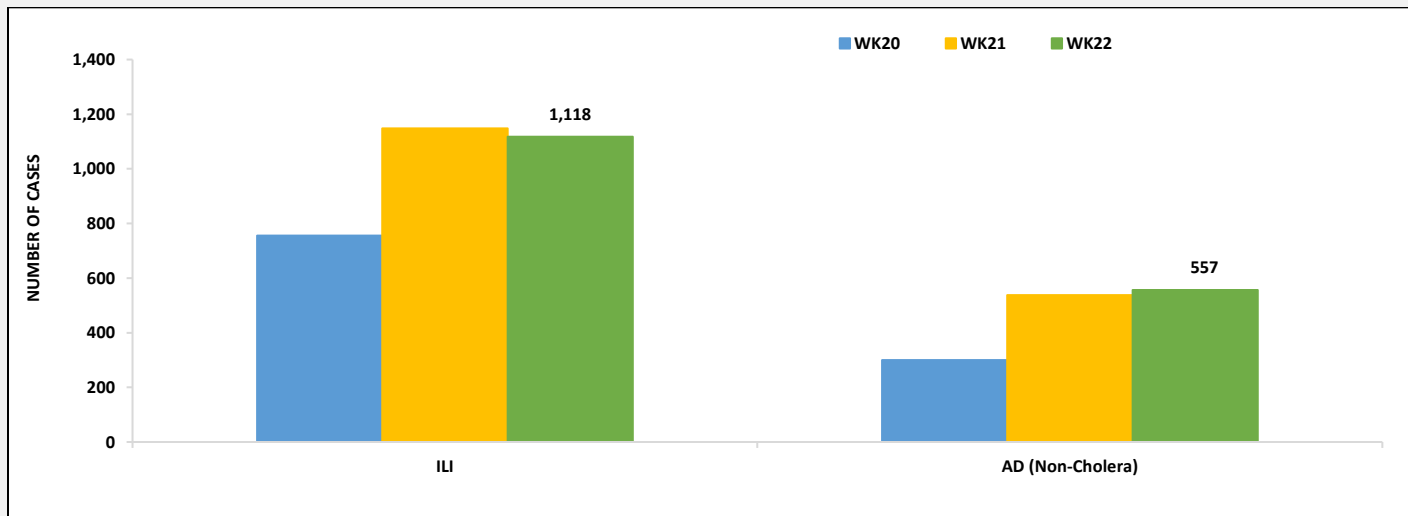
**Figure 6: Week wise reported suspected cases of AD (Non-Cholera), ILI & Malaria, KP**



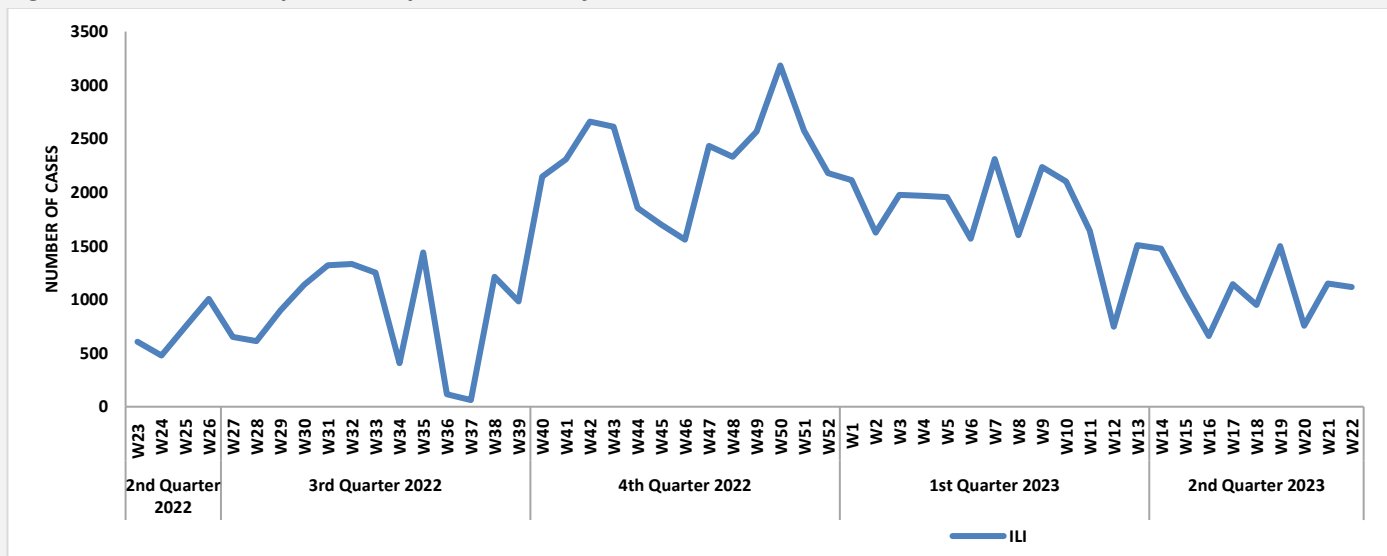
**Islamabad**

- The most frequently reported cases from Islamabad were ILI followed by AD (Non-Cholera).
- ILI cases showed steady trend in cases this week.

**Figure 7: Most frequently reported suspected cases during week 22, ICT**



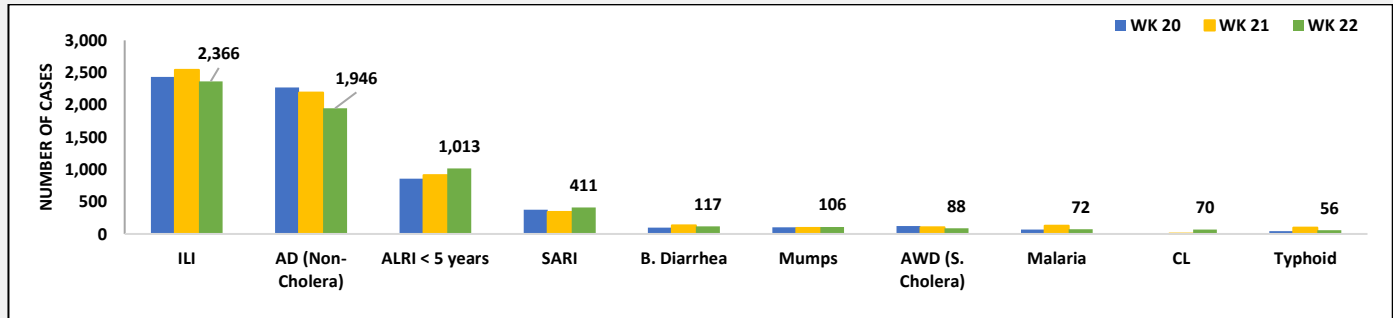
**Figure 8: Week wise reported suspected cases of ILI, ICT**



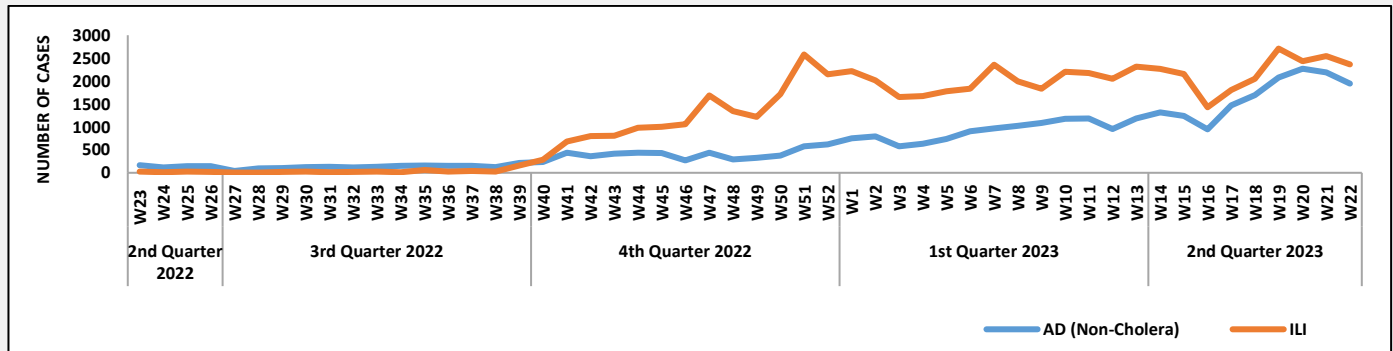
## Azad Jammu and Kashmir

- ILI cases were maximum followed by AD (Non-Cholera), ALRI <5 years, SARI, B. Diarrhea, Mumps, AWD (S. Cholera), Malaria, CL and Typhoid.
- Both ILI and ALRI <5 years cases showed a downward trend in cases this week.

**Figure 9: Most frequently reported suspected cases during week 22, AJK**



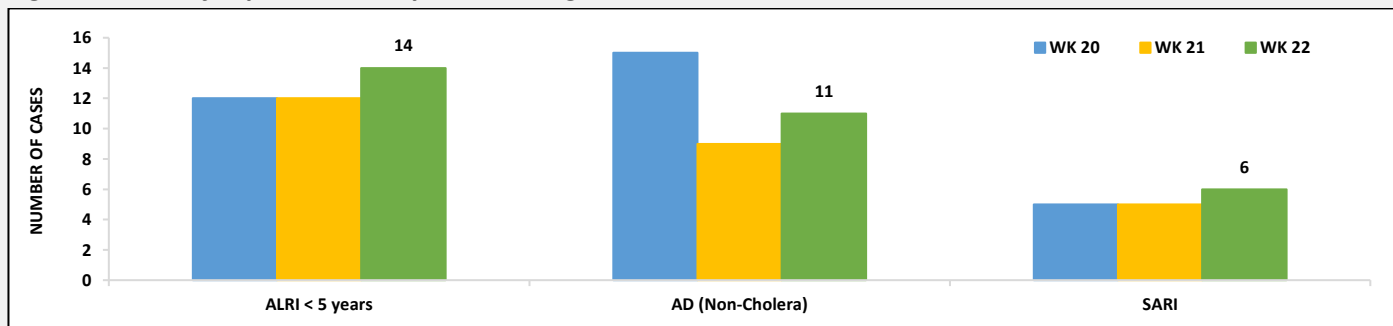
**Figure 10: Week wise reported suspected cases of AD (Non-Cholera) and ALRI <5 years, AJK**



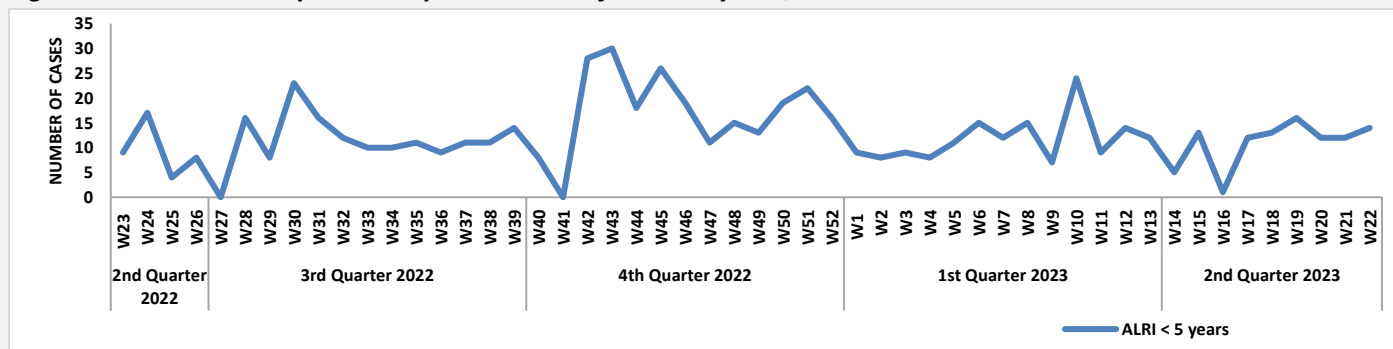
## Gilgit-Baltistan

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

**Figure 11: Most frequent cases reported during WK 22, GB**



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



**Table 5: Public Health Laboratories confirmed cases of IDSR Priority Diseases during Epi week 22**

Diseases	Sindh	KP	Balochistan	Punjab	Gilgit
Acute Watery Diarrhoea (S. Cholera)	2	-	-	-	-
Malaria	85	-	-	-	0
Dengue	1	-	-	-	-
Acute Viral Hepatitis(A)	1	-	-	-	-
Acute Viral Hepatitis(B)	92	-	9	-	1
Acute Viral Hepatitis(C)	218	-	-	-	3
Acute Viral Hepatitis(E)	18	-	-	-	-
Covid-19	0	-	2	0	-
Typhoid	-	5	-	-	-

**IDSR Attributes**

- Out Of 80 IDSR implemented districts, compliance is low from Balochistan 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	101	92%
	Bannu	92	92	64	70%
	Battagram	43	43	22	51%
	Buner	34	34	27	79%
	Charsadda	61	61	49	80%
	Chitral Upper	33	33	10	30%
	Chitral Lower	35	35	32	91%
	D.I. Khan	89	89	69	78%
	Dir Lower	75	75	60	80%
	Dir Upper	55	55	42	76%
	Hangu	22	22	22	100%
	Haripur	69	69	60	87%
	Karak	34	34	34	100%
	Khyber	40	40	5	13%
	Kohat	59	59	59	100%
	Kohistan Lower	11	11	8	73%
	Kohistan Upper	20	20	20	100%
	Kolai Palas	10	10	10	100%
	Lakki Marwat	49	49	49	100%
	Malakand	42	42	0	0%
	Mansehra	133	133	71	53%
	Mardan	84	84	44	52%
	Nowshera	52	52	51	98%
	Peshawar	101	101	92	91%
	Shangla	36	36	5	14%
	Swabi	60	60	51	85%
	Swat	77	77	71	92%
Tank	34	34	34	100%	
Torghar	10	10	10	100%	

Azad Jammu Kashmir	Mirpur	37	37	35	100%
	Bhimber	20	20	16	80%
	Kotli	60	60	38	63%
	Muzaffarabad	43	43	42	98%
	Poonch	46	46	46	100%
	Haveli	43	43	4	9%
	Bagh	41	41	35	85%
	Neelum	33	33	30	91%
	Jhelum Vellay	49	49	21	43%
	Sudhnooti	68	68	27	40%
Islamabad Capital Territory	ICT	18	18	5	28%
	CDA	9	9	5	56%
Balochistan	Gwadar	24	24	0	0%
	Kech	78	44	32	73%
	Khuzdar	136	20	0	0%
	Killa Abdullah	50	32	0	0%
	Lasbella	85	85	79	93%
	Pishin	118	23	10	43%
	Quetta	77	22	16	73%
	Sibi	42	42	19	45%
	Zhob	37	37	22	59%
	Jaffarabad	47	47	0	0%
	Naserabad	45	45	36	80%
	kharan	32	32	28	88%
	sherani	32	32	4	13%
	kohlu	75	75	20	27%
	Chagi	65	65	19	29%
	kalat	65	65	9	14%
	Musa khail	68	68	6	9%
	Harnai	36	36	17	47%
	Kachhi (Bolan)	35	35	12	34%
	Jhal Magsi	39	39	20	51%
	Sohbat pur	26	26	24	92%
	Surab	33	33	7	21%
	Mastung	45	45	27	60%
Loralai	25	25	18	72%	
Killa Saifullah	31	31	0	0%	
Ziarat	42	42	0	0%	
Gilgit Baltistan	Hunza	31	31	31	100%
Sindh	Hyderabad	63	63	25	40%
	Ghotki	65	65	65	100%
	Umerkot	98	43	43	100%
	Naushahro Feroze	120	52	25	48%
	Tharparkar	292	100	95	95%
	Shikarpur	64	64	60	94%
	Thatta	53	53	36	68%
	Larkana	67	67	67	100%
	Kamber Shadadkot	71	71	71	100%
	Karachi-East	14	14	10	71%
	Karachi-West	20	20	20	100%
	Karachi-Malir	37	37	13	35%



Karachi-Kemari	17	17	10	59%
Karachi-Central	12	12	11	92%
Karachi-Korangi	17	17	11	65%
Karachi-South	4	4	2	50%
Sujawal	31	31	31	100%
Mirpur Khas	124	124	104	84%
Badin	144	144	105	73%
Sukkur	65	65	64	98%
Dadu	90	90	88	98%
Sanghar	101	101	52	51%
Jacobabad	54	54	34	63%
Khairpur	203	203	159	78%
kashmore	59	59	53	90%
Matiari	42	42	42	100%
Jamshoro	70	70	11	16%
Tando Allahyar	54	54	49	91%
Tando Muhammad Khan	41	41	32	78%
Shaheed Benazirabad	124	124	124	100%

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