Weekly Bulletin: Integrated Disease Surveillance and Response (IDSR)
14th April 2023
Epi Week-14 (03rd – 09th April 2023)

All reported cases in this report are suspected cases

Highlights:

- During week 14, 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, dog bite and CL.
- Except for dog bite cases, there is an overall decrease in cases observed for all reported diseases.
- The burden of AD cases is reported mostly from Sindh and KP whereas Malaria cases reported from Sindh. All are suspected cases and need verification.

Figure 1: Most frequently reported suspected cases during week 14, Pakistan
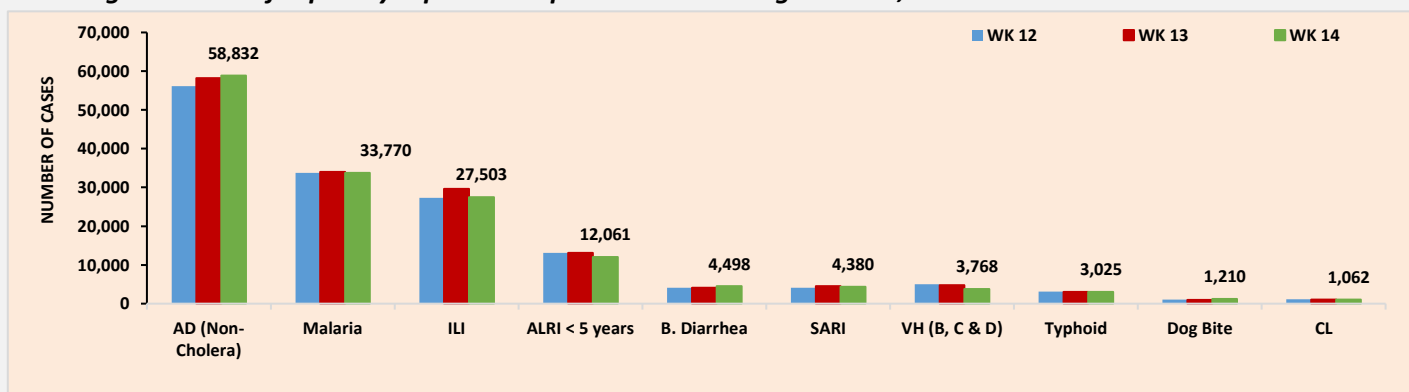

Table 1: Province/Area wise distribution of most frequently reported cases during week 14, Pakistan.

Diseases	AJK	Balochistan	GB	ICT	KP	Punjab	Sindh	Total
AD (Non-Cholera)	1021	4,330	6	396	18,875	1,878	32,326	58,832
Malaria	54	4,165	0	0	3,588	NR	25,963	33,770
ILI	1902	4134	0	1384	7,488	113	12,482	27,503
ALRI < 5 years	702	1605	5	12	1975	NR	7,762	12,061
SARI	433	790	6	0	2614	NR	537	4,380
VH (B, C & D)	16	105	0	0	138	NR	3509	3,768
B. Diarrhea	51	1306	1	8	580	NR	2,552	4,498
Typhoid	75	659	0	2	860	NR	1,429	3,025
CL	0	192	0	0	867	NR	3	1,062
Dog Bite	26	96	0	0	404	NR	684	1,210
Mumps	138	94	0	9	182	NR	357	780
AVH (A & E) (New Susp. Cases)	25	28	0	0	231	NR	664	948
Measles	9	40	0	4	184	NR	44	281
Chickenpox/ Varicella	5	41	0	3	107	NR	106	262
AWD (S. Cholera)	88	0	0	0	24	NR	34	146
Pertussis	6	170	0	0	13	NR	10	199
Rubella (CRS)	0	14	0	0	0	NR	0	14
Dengue	1	2	0	0	17	NR	91	111
Gonorrhea	3	85	0	0	7	NR	21	116
Anthrax	0	0	0	0	0	NR	0	0
AFP	1	1	0	0	10	NR	6	18
Brucellosis	0	0	0	0	0	NR	0	0
HIV/AIDS	0	1	0	0	1	NR	10	12
NT	0	1	0	0	11	NR	3	15
Meningitis	3	13	0	0	6	NR	6	28

Syphilis	0	13	0	0	1	NR	23	37
Diphtheria (Probable)	0	10	0	0	0	NR	1	11
Chikungunya	0	1	0	0	0	NR	3	4
Leprosy	0	7	0	0	0	NR	1	8
VL	9	14	0	0	3	NR	0	26

Sindh

- AD (Non-Cholera) cases were maximum followed by Malaria, ILI, ALRI<5 Years, VH (B, C, D), B. Diarrhea, Typhoid, dog bite, AVH (A&E) and SARI cases.
- An increased trend in cases observed for Typhoid and SARI.
- Typhoid cases are mostly from Shaheed Benazirabad and Matiari whereas AD cases are from Dadu, Mirpurkhas and Badin. This surge in cases need verification to control further spread of diseases.

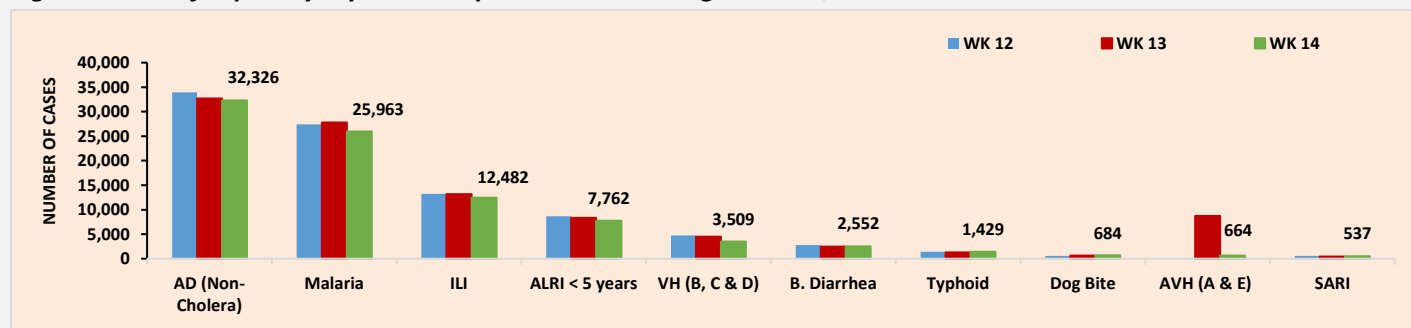*Figure 2: Most frequently reported suspected cases during week 14, Sindh*

Table 2: District wise distribution of most frequently reported suspected cases during week 14, Sindh

DISTRICTS	AD (Non-Cholera)	Malaria	ILI	ALRI < 5 years	B. Diarrhea	Typhoid	SARI	Measles	VH (B, C & D)	Dengue	Dog Bite
Badin	2,342	1,715	167	660	148	83	0	4	64	0	99
Dadu	2,650	2,134	345	797	378	165	62	0	335	0	0
Ghotki	810	350	0	415	99	34	15	5	262	0	88
Hyderabad	726	54	304	52	3	4	1	4	43	0	0
Jacobabad	577	564	10	201	44	5	0	1	111	0	34
Jamshoro	605	366	0	128	57	62	49	0	49	0	19
Kamber	1,636	3,034	0	306	152	29	0	2	147	0	66
Karachi Central	409	32	899	51	32	61	0	9	43	5	1
Karachi East	184	48	26	8	1	1	0	0	0	1	0
Karachi Keamari	258	4	202	10	5	10	0	3	0	1	0
Karachi Korangi	279	65	33	2	6	4	0	0	0	4	0
Karachi Malir	1,347	98	1,235	220	60	25	12	0	0	10	53
Karachi South	59	7	0	0	2	0	0	0	0	0	0
Karachi West	624	74	239	61	22	37	7	7	13	21	97
Kashmore	577	1,362	460	219	24	15	4	2	52	0	28
Khairpur	1,342	959	226	266	248	59	160	0	152	0	23
Larkana	1,382	3,593	0	218	128	0	0	0	38	0	0
Matiari	1,973	652	246	307	199	174	0	0	537	20	28
Mirpurkhas	2,406	1,667	3,283	435	73	43	0	0	151	0	0
Naushero Feroze	973	799	142	236	4	98	119	0	112	0	0
Sanghar	1,500	1,128	53	672	63	165	18	0	528	0	85
Shaheed Benazirabad	1,823	1,225	61	498	81	178	0	0	120	0	0
Shikarpur	1,232	393	0	132	121	4	3	4	86	0	0
Sujawal	520	667	0	124	52	22	0	0	2	0	6
Sukkur	1,353	660	1,730	322	238	12	0	0	322	0	0
Tando Allahyar	927	669	126	207	80	27	1	1	148	0	22
Tando Muhammad Khan	482	220	0	89	15	11	0	0	4	0	18
Tharparkar	1,276	963	1,919	514	113	40	62	0	44	29	5
Thatta	1,235	1,401	776	332	61	18	5	2	57	0	12
Umerkot	819	1,060	0	280	43	43	19	0	89	0	0
Total	32,326	25,963	12,482	7,762	2,552	1,429	537	44	3,509	91	684

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Figure 3: Most frequently reported suspected cases during week 14, Balochistan
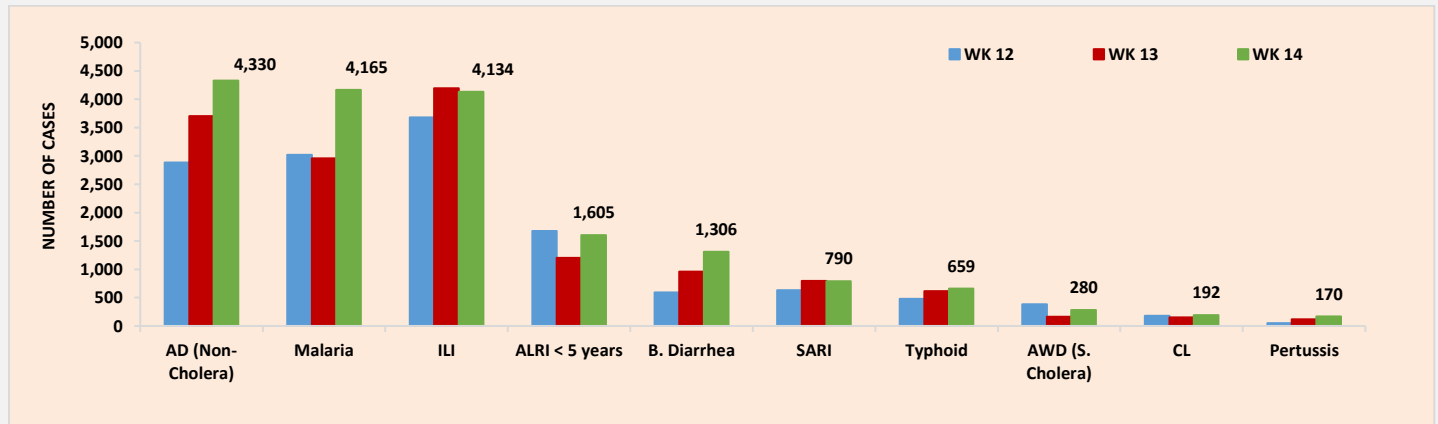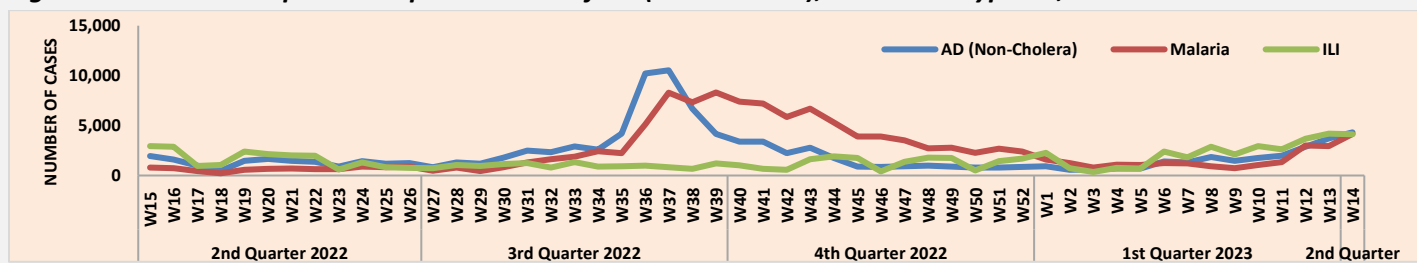

Table 3: District wise distribution of most frequently reported suspected cases during week 14, Balochistan

Districts	ILI	Malaria	AD (Non-Cholera)	ALRI < 5 years	SARI	B. Diarrhea	Typhoid	CL	Dog Bite	AWD (S. Cholera)
Chagai	147	9	167	0	53	0	12	7	0	0
Gwadar	385	133	780	12	125	1	12	NR	NR	NR
Harnai	63	39	5	343	246	0	5	29	0	6
Jaffarabad	871	1,616	236	158	96	90	271	14	12	26
Jhal Magsi	80	132	0	19	8	0	2	4	0	0
Kachhi (Bolan)	66	145	4	0	19	4	36	16	0	0
Kech (Turbat)	386	273	698	278	116	48	6	0	0	0
Kharan	125	42	206	1	67	1	3	17	0	0
Khuzdar	174	45	177	8	66	9	10	0	2	19
Killa Abdullah	12	0	18	0	12	4	2	5	100	0
Kohlu	177	126	383	42	75	100	50	55	5	NR
Lasbella	607	564	78	185	72	170	33	6	12	26
Mastung	91	19	64	26	18	26	7	26	13	1
Musa Khail	173	183	140	85	43	23	56	20	0	0
Naseerabad	117	467	0	10	5	0	45	0	0	2
Nushki	111	16	0	1	61	14	1	29	1	0
Quetta	407	9	796	68	101	49	40	23	14	0
Sherani	87	21	161	20	34	110	18	13	27	4
Sibi	111	244	57	29	33	48	17	5	1	1
Sohbat pur	18	25	4	11	9	9	15	4	4	11
Zhob	122	57	160	309	47	84	18	7	1	0
Total	4,330	4,165	4,134	1,605	1,306	790	659	280	192	96

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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, CL, Typhoid, B. Diarrhea, dog bite and AVH (A&E) cases.
- SARI and AD (Non Cholera) showed upward trend while ILI cases declined this week.
- Dog bite cases reported in high numbers mostly from Mansehra, one health approach is required to manage this issue.

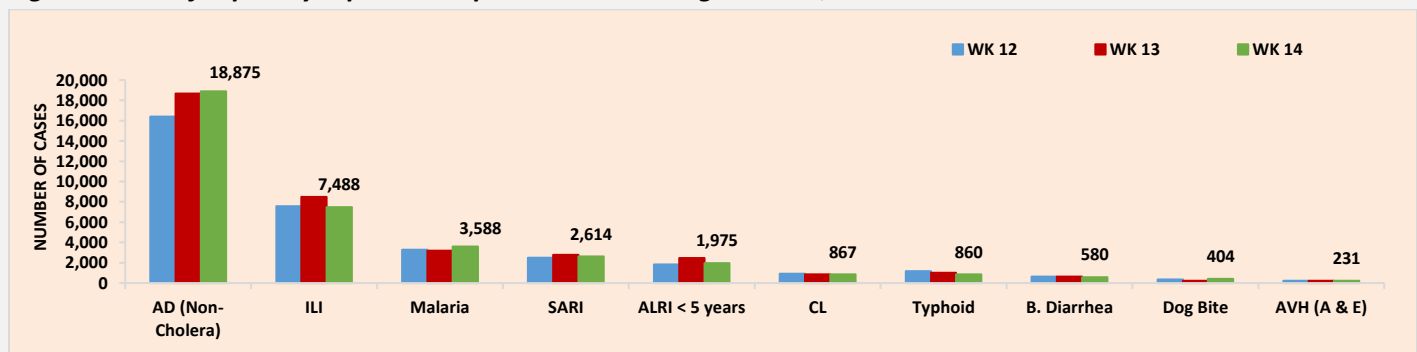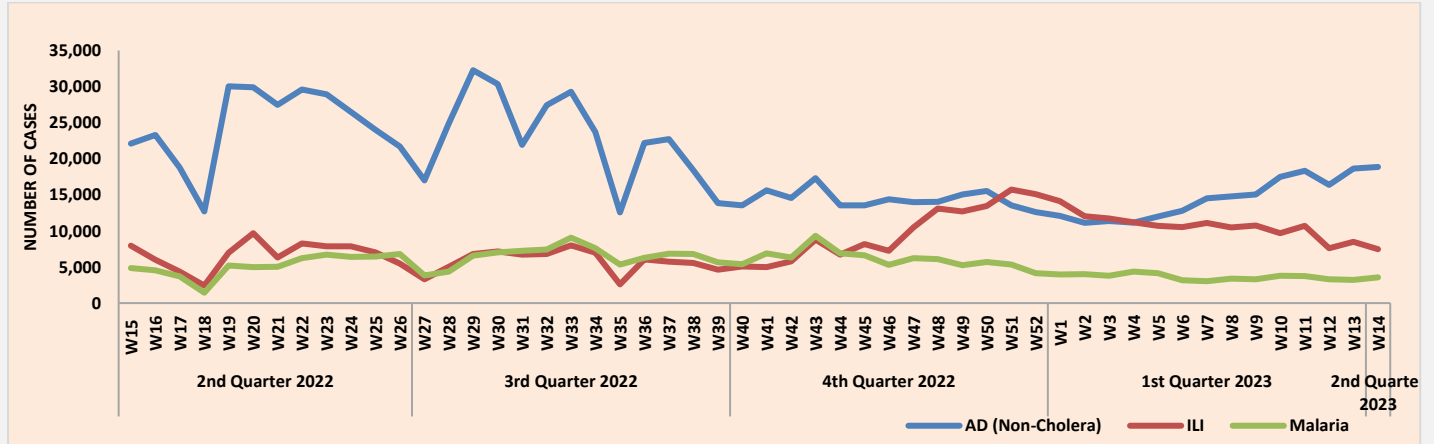**Figure 5: Most frequently reported suspected cases during week 14, KP**

Table 4: District wise distribution of most frequently reported suspected cases during week 14, KP

Diseases	AD (Non-Cholera)	Malaria	ILI	SARI	ALRI < 5 years	B. Diarrhea	Typhoid	Dog Bite	AWD (S. Cholera)	AVH (A & E)
Abbottabad	391	12	0	13	2	13	1	2	0	0
Bannu	950	459	814	0	1	21	16	2	0	0
Battagram	356	726	37	2	15	4	0	0	1	0
Buner	289	0	527	0	6	46	2	8	0	0
Charsadda	1,781	241	17	61	27	7	0	0	0	0
Chitral Lower	306	210	1	1,110	15	10	6	22	0	0
Chitral Upper	69	0	1	180	1	14	0	0	2	0
D.I. Khan	46	0	240	3	0	0	0	0	0	0
Dir Lower	1,002	285	500	254	426	79	96	33	4	0
Dir Upper	364	59	2	9	175	24	33	0	6	19
Hangu	291	442	206	261	30	27	43	7	5	0
Haripur	849	454	8	21	307	36	2	2	0	0
Karak	327	48	31	16	13	13	0	18	3	3
Khyber	24	89	4	2	2	3	7	0	2	0
Kohat	78	32	11	10	0	1	0	2	0	0
Kohistan Lower	58	0	0	71	3	0	5	0	0	0
Kohistan Upper	184	73	0	51	13	109	11	0	1	0
Kolai Palas	68	0	3	0	4	0	1	0	0	0
Lakki Marwat	589	0	698	0	62	23	30	0	0	0
Malakand	404	16	38	48	112	31	77	0	0	8
Mansehra	436	713	0	120	68	75	4	199	0	0
Mardan	825	664	22	143	316	5	15	0	0	0

Nowshera	1,689	106	22	13	6	29	26	0	0	0
Peshawar	2,997	1,610	23	102	42	67	108	3	0	1
Shangla	249	0	74	8	10	45	0	78	0	15
Swabi	1,444	778	16	102	238	25	14	0	0	0
Swat	2,115	379	12	0	45	91	33	12	0	0
Tank	655	92	238	0	36	54	32	0	0	0
Tor Ghar	39	0	43	14	0	8	18	16	0	2
Total	18,875	7,488	3,588	2,614	1,975	860	580	404	24	48

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), ALRI < 5 years and Mumps and B. Diarrhea.
- ILI cases remained same trend this week.

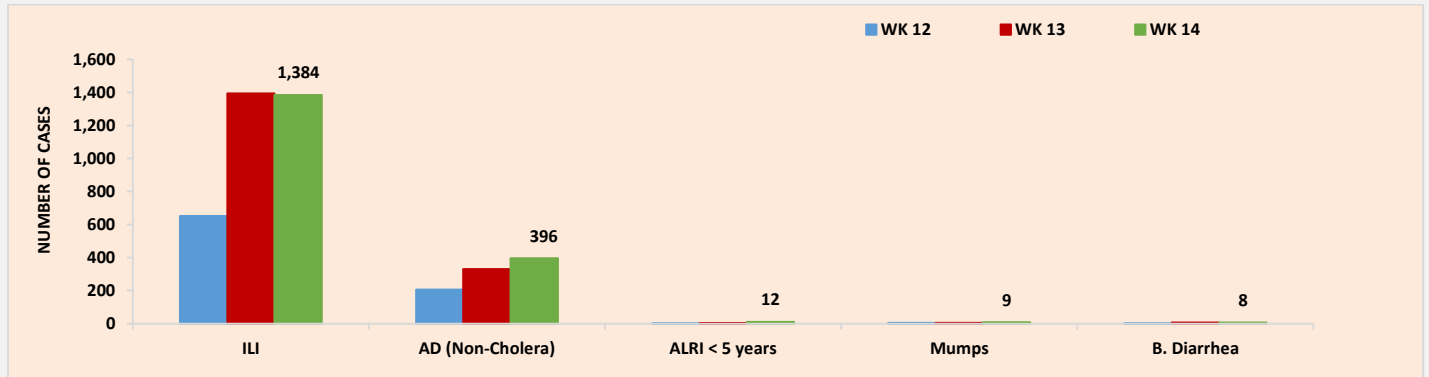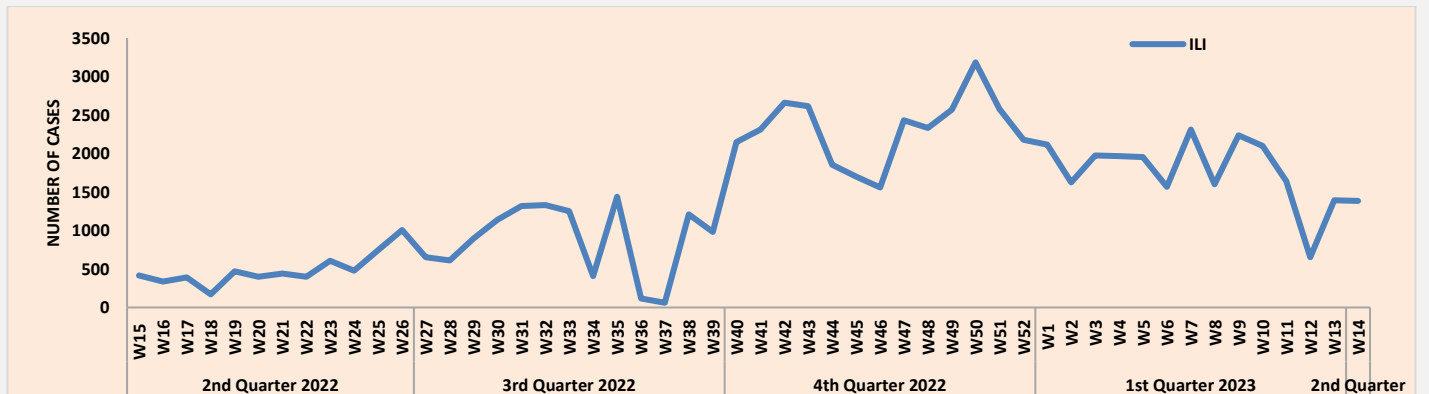*Figure 7: Most frequently reported suspected cases during week 14, ICT*

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

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Azad Jammu and Kashmir

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

Figure 9: Most frequently reported suspected cases during week 14, AJK
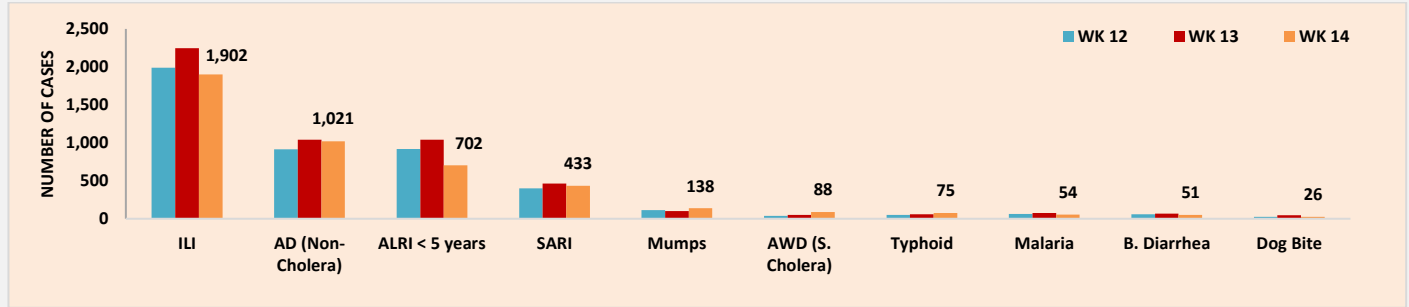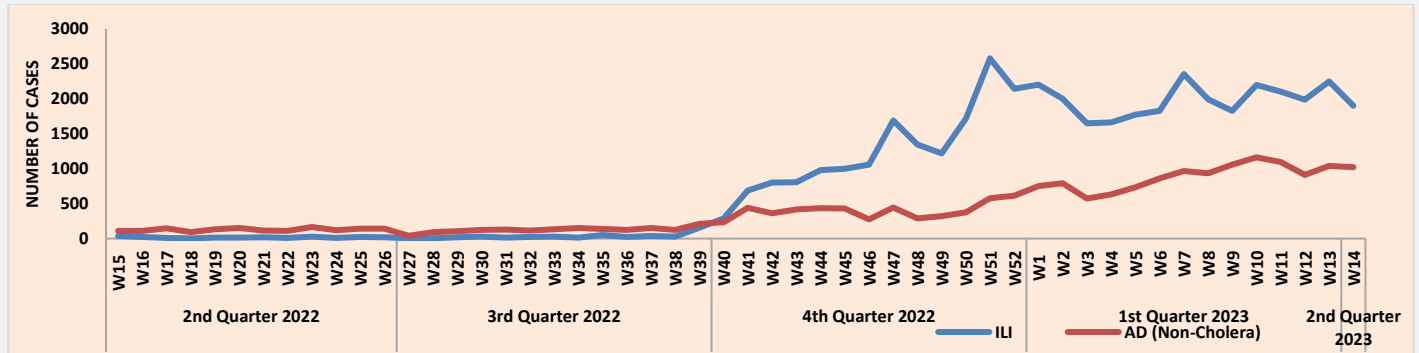

Figure 10: Week wise reported suspected cases of AD (Non-Cholera) and ALRI <5 years, AJK

Gilgit-Baltistan

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

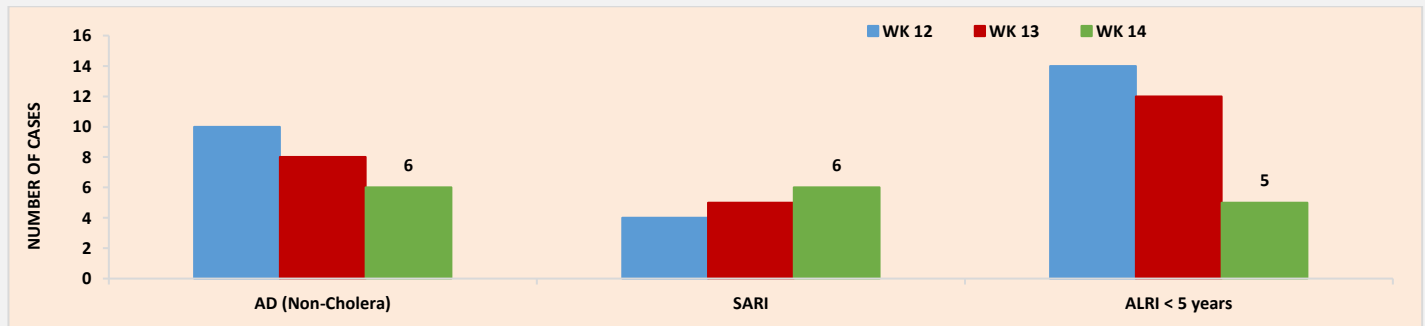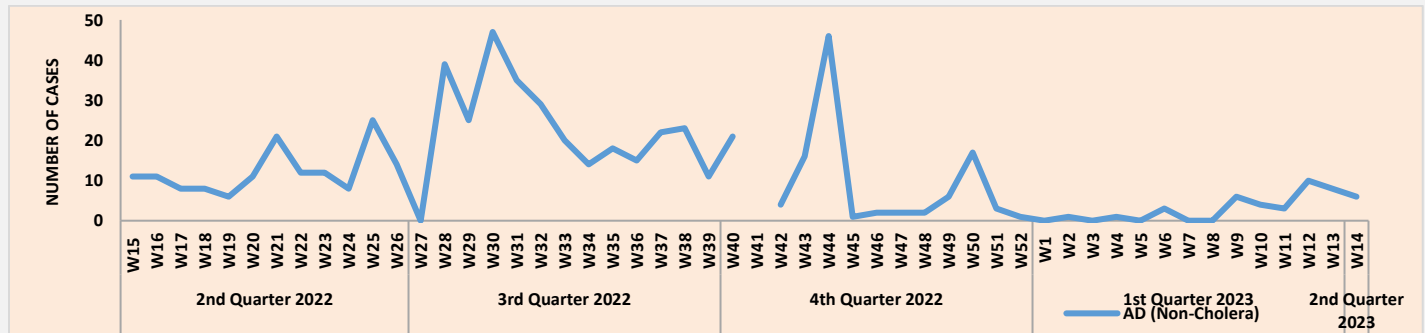**Figure 11: Most frequent cases reported during WK 14, GB**

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	102	93%
	Bannu	92	92	85	92%
	Battagram	43	43	31	72%
	Buner	34	34	21	62%
	Charsadda	61	61	47	77%
	Chitral Upper	33	33	9	27%
	Chitral Lower	35	35	32	91%
	D.I. Khan	89	89	8	9%
	Dir Lower	75	75	71	95%
	Dir Upper	55	55	51	93%
	Hangu	22	22	22	100%
	Haripur	69	69	69	100%
	Karak	34	34	32	94%
	Khyber	40	40	11	28%
	Kohat	59	59	56	95%
	Kohistan Lower	11	11	5	45%
	Kohistan Upper	20	20	17	85%
	Kolai Palas	10	10	10	100%
	Lakki Marwat	49	49	49	100%
	Malakand	42	42	36	86%
	Mansehra	133	133	45	34%
	Mardan	84	84	53	63%
	Nowshera	52	52	45	87%
	Peshawar	101	101	88	87%
	Shangla	36	36	9	25%
	Swabi	60	60	54	90%
	Swat	77	77	69	90%
	Tank	34	34	32	94%
	Torghar	10	10	10	100%
Azad Jammu Kashmir	Mirpur	35	35	35	100%
	Bhimber	20	20	12	60%
	Kotli	60	60	36	60%
	Muzaffarabad	43	43	43	100%
	Poonch	46	46	46	100%
	Haveli	43	43	29	67%
	Bagh	41	41	36	88%
	Jhelum Vellay	49	49	17	35%
	Sudhnooti	68	68	27	40%
Islamabad Capital Territory	ICT	18	18	18	100%
	CDA	9	9	1	11%
Balochistan	Gwadar	24	24	17	71%
	Kech	78	44	25	57%
	Khuzdar	136	20	17	85%

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	Killa Abdullah	50	32	4	13%
	Lasbella	85	85	84	99%
	Pishin	118	23	12	52%
	Quetta	77	22	18	82%
	Sibi	42	42	14	33%
	Zhob	37	37	33	89%
	Jaffarabad	47	47	31	66%
	Naserabad	45	45	37	82%
	kharan	32	32	27	84%
	sherani	32	32	15	47%
	kohlu	75	75	28	37%
	Chagi	65	65	8	12%
	kalat	65	65	2	3%
	Musa khail	68	68	27	40%
	Harnai	36	36	17	47%
	Kachhi (Bolan)	35	35	12	34%
	Jhal Magsi	39	39	9	23%
	Sohbat pur	26	26	3	12%
	Mastung	45	45	5	11%
Gilgit Baltistan	Hunza	31	31	31	100%
	Hyderabad	63	63	25	40%
	Ghotki	95	95	65	68%
	Umerkot	98	41	30	73%
	Naushahro Feroze	120	52	15	29%
	Tharparkar	292	100	97	97%
	Shikarpur	64	64	63	98%
	Thatta	53	53	53	100%
	Larkana	67	67	67	100%
	Kamber Shadadkot	71	71	71	100%
	Karachi-East	14	14	14	100%
	Karachi-West	18	18	18	100%
	Karachi-Malir	37	37	29	78%
	Karachi-Kemari	17	17	12	71%
Sindh	Karachi-Central	12	12	12	100%
	Karachi-Korangi	17	17	7	41%
	Karachi-South	4	4	4	100%
	Sujawal	31	31	31	100%
	Mirpur Khas	124	124	105	85%
	Badin	144	144	114	79%
	Sukkur	65	65	64	98%
	Dadu	90	90	90	100%
	Sanghar	101	101	55	54%
	Jacobabad	54	54	27	50%
	Khairpur	203	203	125	62%
	kashmore	59	59	59	100%
	Matiari	42	42	38	90%
	Jamshoro	70	70	62	89%
	Tando Allahyar	54	54	44	81%
Punjab	Bahawalpur	91	91	91	100%

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