



Field Epidemiology and Disease Surveillance Division (FEDSD)

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Weekly Bulletin: Integrated Disease Surveillance and Response (IDSR)

10th June 2021

Highlights of the week 22 (31st May – 06th June 2021)

Cumulative Information:

- Maximum cases reported were; ILI (n=5977), Acute Diarrhea (Non Cholera) (n=4327), Malaria (n=1075), ALRI < 5 years (n=898), SARI (n=592), B. Diarrhea (n=482), Typhoid (n=334), TB (n=313), and suspected Cholera (n=246).
- In comparison with previous week i.e. WK21, the cases of all above said diseases decreased/ less reported.
- Cases of Acute Viral Hemorrhagic fever reported from Balochistan (n=15), Sindh (n=11), and KP (n=02).
- Cases of Chickenpox reported from Sindh (n=16) and Balochistan (n=02).
- Cases of TB reported from Sindh (n=253), KP (n=58) and Balochistan (n=02).

Figure 1: Most frequently reported cases during week 22, in comparison with previous weeks, Pakistan

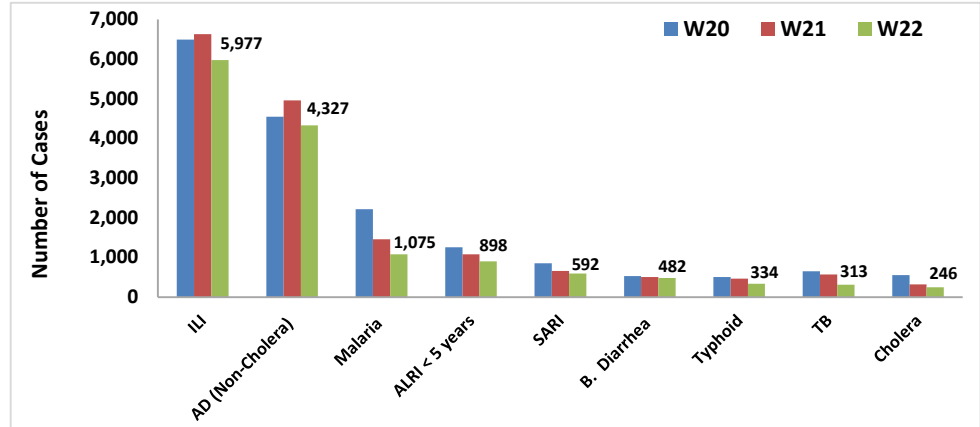


Table 1: Province/Area wise distribution of most frequently reported cases during week 22, Pakistan

Diseases	AJK	Baloch.	GB	KP	ICT	Sindh	Total
ILI	3	1,847	24	550	50	3,503	5,977
AD (Non-Cholera)	57	881	7	550	97	2,735	4,327
Malaria	3	424	0	345	0	303	1,075
ALRI < 5 years	0	157	26	60	0	655	898
SARI	0	54	1	500	0	37	592
B. Diarrhea	0	162	2	96	0	222	482
Typhoid	0	107	22	105	0	100	334
TB	0	2	0	58	0	253	313
S. Cholera	0	23	2	51	0	170	246
CL	0	127	0	10	0	0	137
VH(B, C & D)	0	9	0	0	0	127	136
Measles	0	31	0	4	1	6	42
AVH	0	15	0	2	0	11	28
Chickenpox	0	2	0	0	0	16	18

Point of Attention:

- Teleconference could not happen for the past 04 weeks due to involvement of IDSRs districts focal persons in COVID-19 tracing, response and vaccination activities.
- There is a need to verify the alerts for early detection and response activities by the IDSR teams and other concerned in their respective provinces and areas.
- Cases of Chicken reported more from Sindh which need to be verified, investigated, and responded.
- Acute viral hemorrhagic fever cases were reported more from Balochistan and Sindh. This need verification, outbreak investigation and response activities at earliest.
- Maximum Typhoid cases reported from Balochistan, KP, Sindh and GB. This need detailed investigation and classification (i.e. MDR or XDR) followed by response activities accordingly.
- Malaria cases reported from more from Balochistan, KP and Sindh. Verification, epidemiological investigation and response action is urgently required.
- It is proposed to enhance community awareness on water, sanitation and hygiene (WASH) practices especially for diarrheal diseases and typhoid affected districts.

Sindh

- Sindh reported maximum cases of ILI (n=3,503) followed by AD (Non Cholera) (n=2,735), ALRI < 5 Years (n=655), Malaria (n=303), B. Diarrhea (n=222), S. Cholera (n=170), VH (B, C & D) (n=127), Typhoid (n=100), and SARI (n=37)
- District Ghotki reported the maximum cases of ILI, AD (Non Cholera), ALRI < 5 years, Malaria and B. Diarrhea.
- District Hyderabad reported maximum cases of ILI, AD (Non-Cholera), ALRI < 5 years, and S. Cholera.
- From Karachi Malir maximum cases reported as AD (Non-Cholera), ILI and ALRI < 5 years.
- Shikarpur reported maximum cases of AD (Non Cholera), and ALRI < 5 years.
- From Tharparkar maximum cases of ILI, AD (Non-Cholera) and Malaria.
- Decrease in case trend observed in ILI, AD (Non-Cholera) and ALRI < 5 years.
- Cases of Chickenpox, acute viral hemorrhagic fever, Malaria and Mumps need immediate verification, epidemiological investigations, and response activities.**

Figure 2: Most frequently reported cases during week 22 in comparison with pervious weeks, Sindh

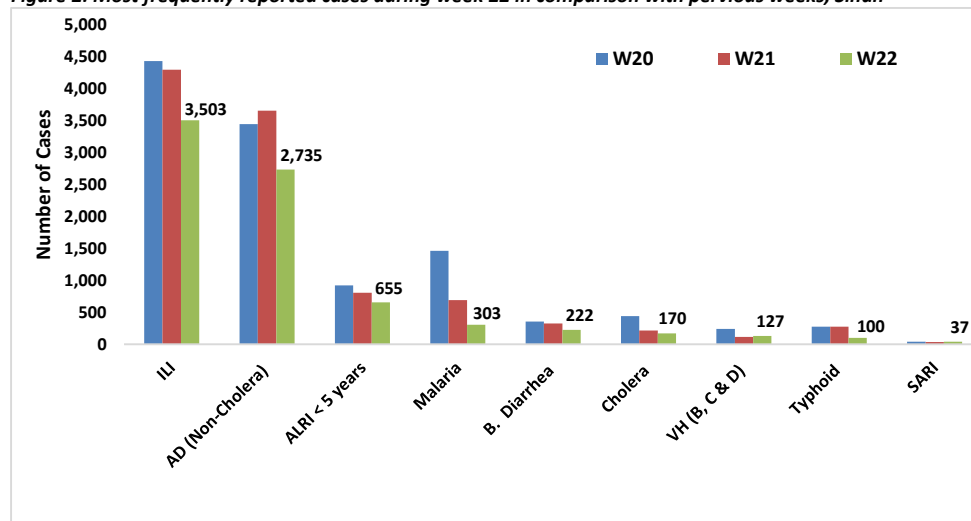
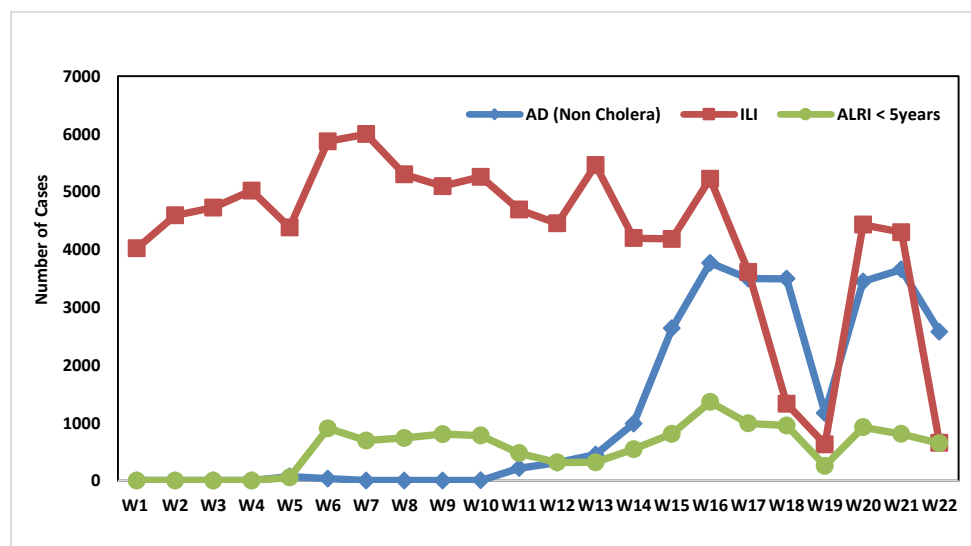


Table 2: District wise distribution of most frequently reported cases during week 22, Sindh

Diseases	Ghotki	Hyderabad	Karachi East	Karachi Malir	Shikarpur	Tharparkar	Total
ILI	461	2727	0	186	0	129	3,503
AD (Non-Cholera)	684	977	136	615	165	158	2,735
ALRI < 5 years	192	184	0	118	115	46	655
Malaria	132	25	12	30	10	94	303
Bloody Diarrhea	133	32	4	27	2	24	222
S. Cholera	8	137		25	0	0	170
VH (B, C & D)	82	11	0	30	0	4	127
Typhoid	30	10	0	44	0	16	100
SARI	6	20	0	3	8	0	37
Chickenpox	4	5	0	2	2	2	15
Mumps	0	0	0	3	1	0	4

Figure 3: Week wise reported cases of AD (Non-Cholera), ILI, Malaria, Sindh



Balochistan

- From Balochistan overall ILI (n=1560), AD (Non Cholera) (n=748), Malaria (n=400), ALRI <5 years (n=156), B. Diarrhea (n=136), CL (n=127), Typhoid (n=91), SARI (n=52), S. Cholera (26), and Measles (n=24) remained at maximum.
- District Kech reported maximum cases for ILI, AD (Non-Cholera), Malaria, and ALRI <5 years
- District Killa Abdullah reported maximum cases for ILI, AD (Non-Cholera), and CL
- District Lasbella reported maximum cases for Malaria followed by SARI, and ALRI <5 years.
- District Pishin reported more cases for ILI, AD (Non-Cholera), and B. Diarrhea
- District Quetta reported maximum cases for ILI followed by AD (Non-Cholera).
- In week22, increase trend observed for ILI, AD (Non-Cholera) and Malaria
- Cases of Leprosy, NNT, and Pertusis need immediate verification, epidemiological investigation and response actions.**

Figure 4: Most frequently reported cases during week 22, in comparison with previous weeks, Balochistan

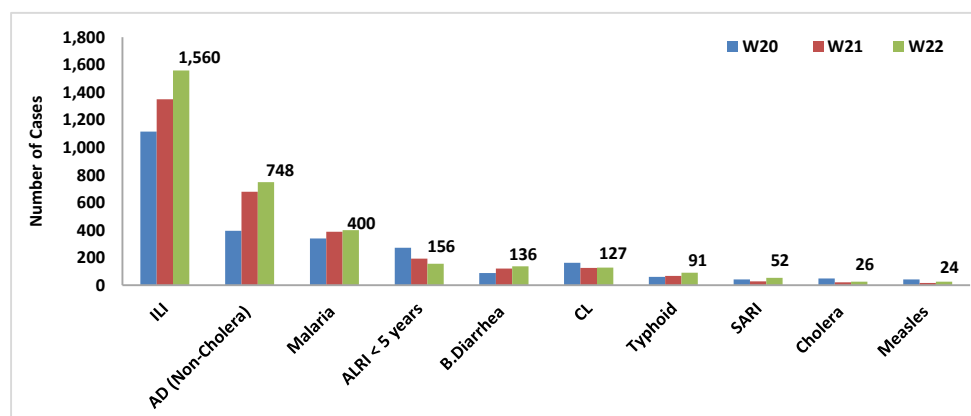
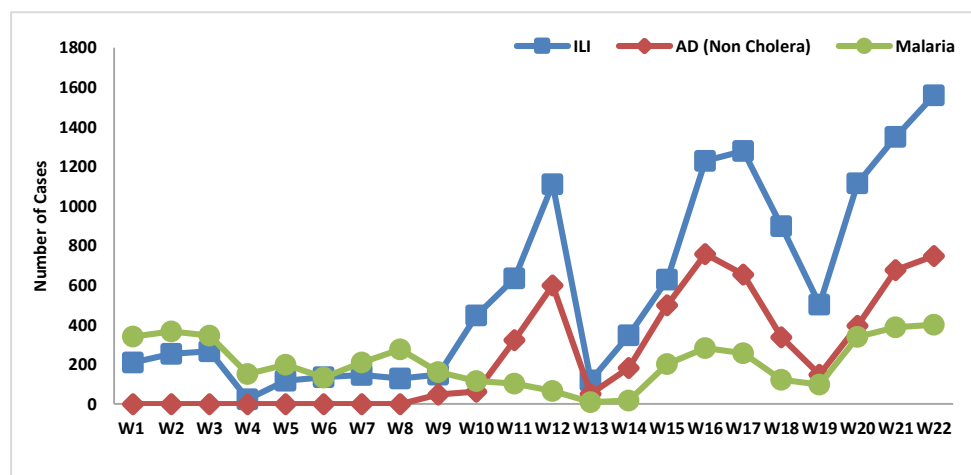


Table 3: District wise distribution of most frequently reported cases during week 22, Balochistan

Diseases	Kech (Turbat)	Killa Abdullah	Lasbella	Pishin	Quetta	Total
ILI	287	288	2	180	803	1560
AD (Non-Cholera)	121	239	30	101	257	748
Malaria	87	33	247	21	12	400
ALRI < 5 years	90	0	42	24	0	156
B. Diarrhea	23	0	4	78	31	136
CL	0	80	12	8	27	127
Typhoid	0	7	9	47	28	91
SARI	1	2	49	0	0	52
S. Cholera	0	0	8	16	2	26
Measles	0	11	0	5	8	24
Pertussis	0	0	4	9	0	13
NNT	0	0	2	5	0	7
Leprosy	4	0	0	0	0	4

Figure 5: Week wise reported cases of AD (Non-Cholera), ILI, Malaria, Balochistan



Khyber Pakhtunkhwa

- KP reported the maximum AD (Non Cholera) (n=393), ILI (n=383), SARI (n=342), Malaria (n=315), Typhoid (n=96), ALRI <5years (n=57), B. Diarrhea (n=46), S. Cholera (n=19), CL (n=10) and Meningitis (n=06).
- District Kohat remained the most affected district and reported maximum cases of all diseases except Measles which remained same.
- District Haripur reported 96 cases of SARI this week.
- Weekly cases of AD (Non Cholera), ILI, SARI decreased in comparison with the previous week.
- **Cases of Meningitis need immediate verification, epidemiological investigation and response actions**

Figure 6: Most frequently reported cases during week 22, in comparison with pervious weeks, KP

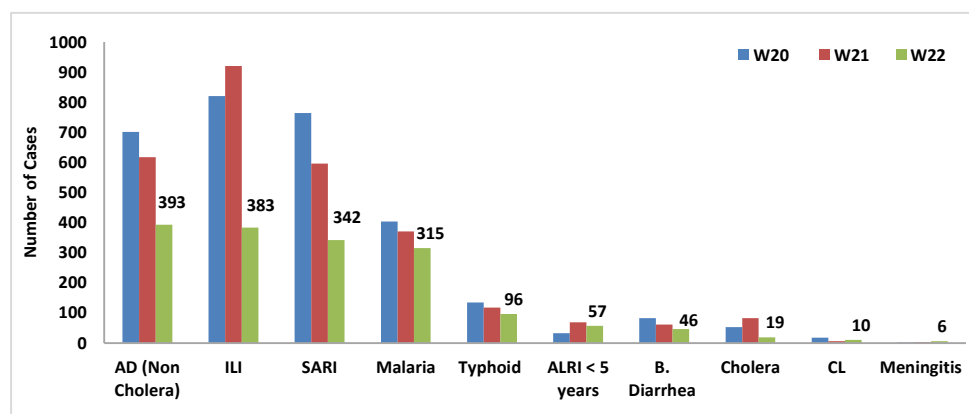
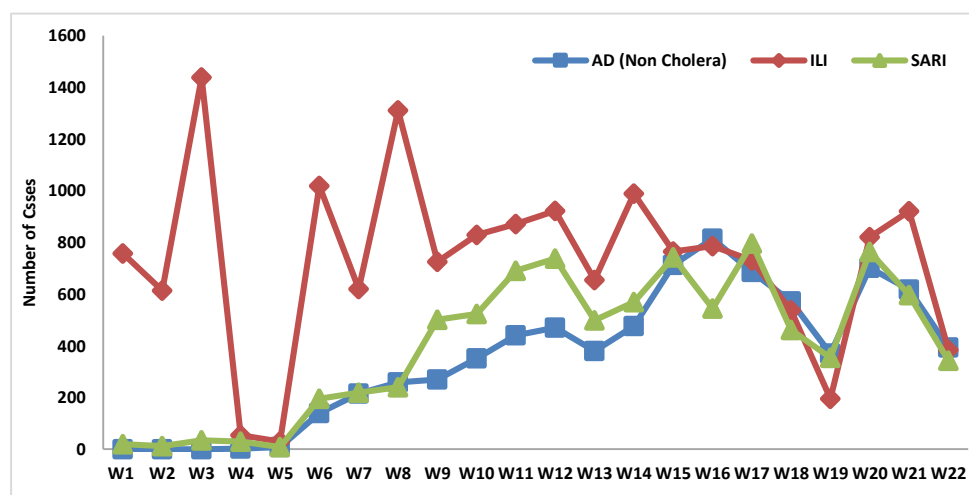


Table 4: District wise distribution of most frequently reported cases during week 22, KP

Diseases	Haripur	Kohat	Total
AD (Non-Cholera)	0	393	393
ILI	0	383	383
SARI	96	246	342
Malaria	0	315	315
Typhoid	0	96	96
ALRI < 5 years	0	57	57
B. Diarrhea	0	46	46
Cholera	0	19	19
CL	0	10	10
Meningitis	0	6	6
Measles	2	2	4

Figure 7: Week wise reported cases of SARI, AD(Non-Cholera), ILI & Malaria, KP



Islamabad (ICT)

- From ICT, most frequent diseases were ARI (69) followed by AWD <5 years (n=50), ILI (n= 50), and AWD >5 years (n=47)
- In WK22 decrease in trend observed for ARI, and AWD (both <5 & >5 years)

Figure 8: Most frequently reported cases during week 22, in comparison with pervious weeks, ICT

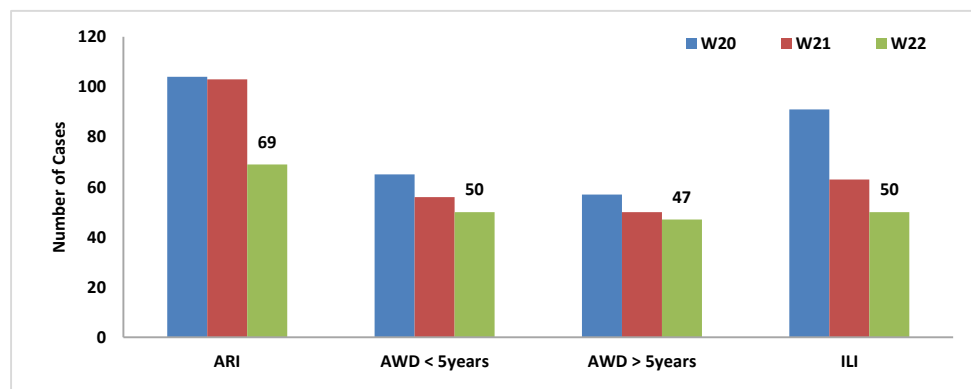


Figure 9: Week wise reported cases of ARI and AWD, ICT

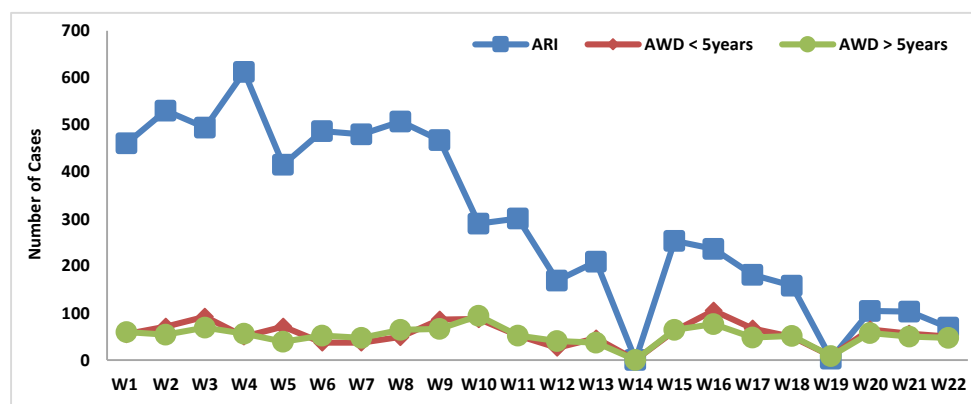


Figure 10: Most frequently reported cases during week 22, in comparison with pervious weeks, GB

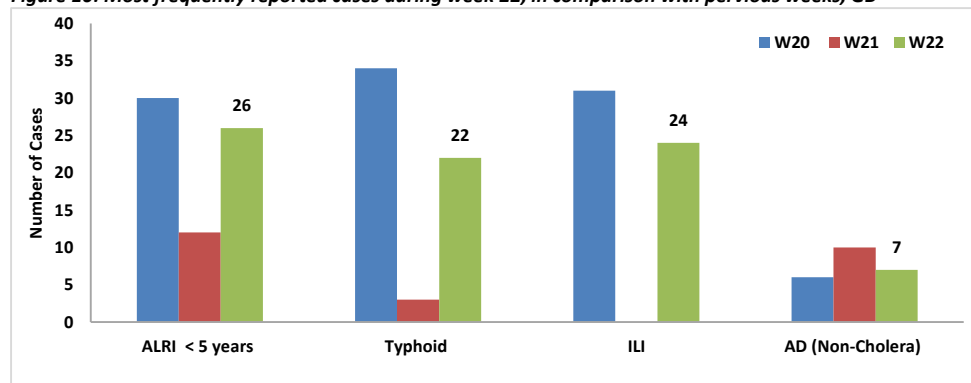
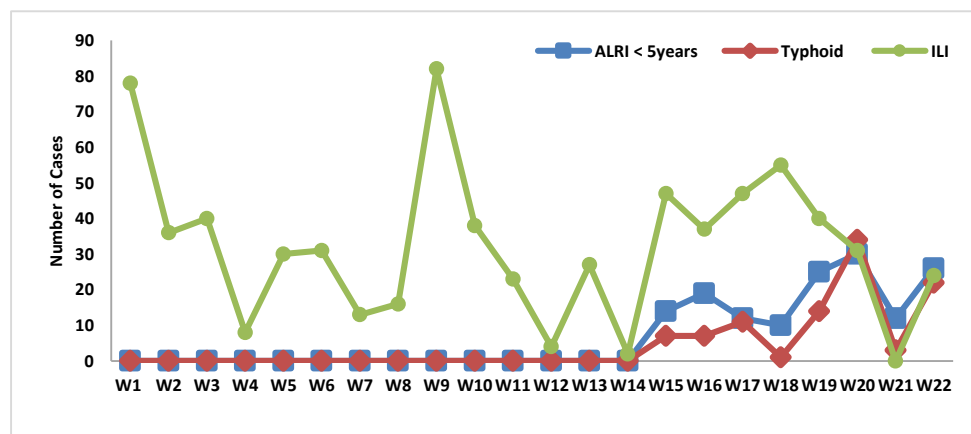


Figure 11: Week wise reported cases of ILI, ALRI<5 years and Typhoid, GB



Gilgit Baltistan

- From Gilgit Baltistan, maximum cases reported were ALRI<5 years, Typhoid, ILI, AD (Susp. Cholera and Non Cholera).
- Weekly cases of Typhoid, ALRI<5 years and Typhoid increased in this week in comparison with the previous week (WK 21)

Azad Jammu & Kashmir

- In AJK, ARI, AWD < 5 years, and AWD >5 years remained at maximum.
- Overall weekly cases of AWD < 5 and AWD >5 years increased in comparison with the previous week (WK 21)

Figure 12: Most frequently reported cases during week 22, in comparison with pervious weeks, AJK

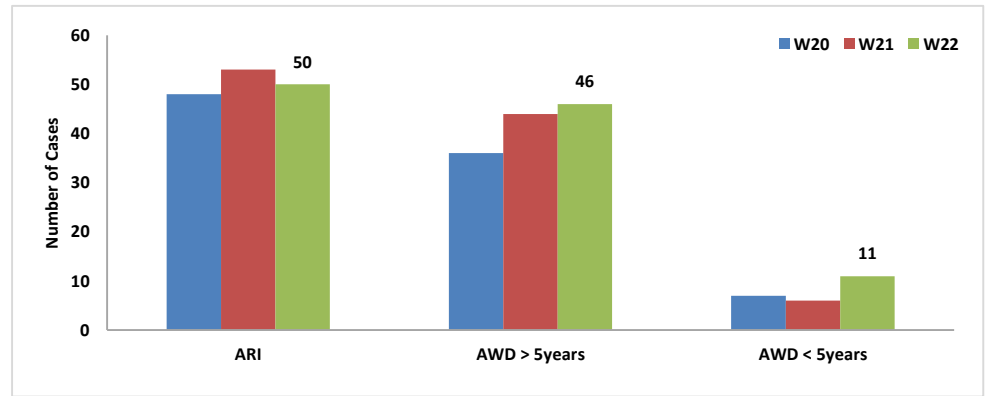
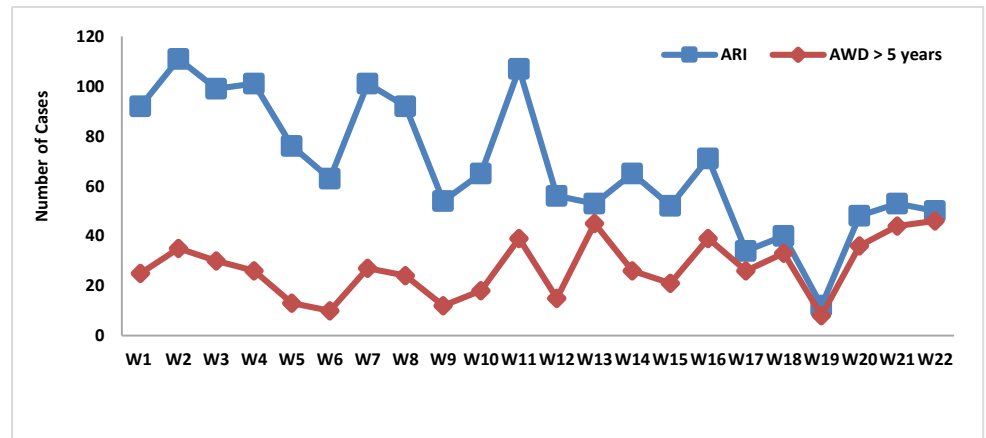


Figure 13: Week wise reported cases of ARI and AWD (Non Cholera), AJK



IDSR Participating Districts

- 100% health facilities from Haripur, Kohat, Ghotki & Tharparkar reported data.
- Districts Gwadar, NosheroFeroz & Tharparkar did not report data this week.

Table 5: IDSR reporting districts

Province	Districts	Total Number of Reporting Sites (ARS/Total)	Total Number of Sites that Reported (%)
Khyber Pakhtunkhwa	Haripur	70/70	70 (100%)
	Kohat	59/59	59 (100%)
Azad Jammu Kashmir	Mirpur	37/37	29 (78%)
Islamabad Capital Territory	Islamabad	23/32	11(48%)
Balochistan	Gwadar	24/24	0 (0%)
	Kech	34/78	20 (59%)
	Killa Abdullah	18/50	17 (94%)
	Lasbella	82/82	81 (99%)
	Quetta	20/77	18 (90%)
	Pishin	23/118	15 (65%)
Gilgit	Hunza	30/30	14 (47%)
	Nagar	22/22	7 (32%)
Sindh	Hyderabad	63/63	57 (90%)
	Karachi-East	14/14	10 (71%)
	Karachi-Malir	43/43	35 (81%)
	Ghotki	94/94	94 (100%)
	Umerkot	30/118	0 (0%)
	NosheroFeroz	50/50	0 (0%)
	Tharparkar	20/236	20 (100%)
	Shikarpur	21/21	9 (43%)

*percentage = {Sites Reported data/Agreed Reporting Sites (ARS)}*100



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