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Weekly Bulletin: Integrated Disease Surveillance and Response (IDSR)

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Highlights of the week 21 (24th – 30th May 2021)

Cumulative Information:

- Maximum cases reported were of ILI (n=6,435), Acute Diarrhea (Non Cholera) (n=4201), Malaria (n=1233), ALRI < 5 years (n=979), SARI (n=454), B. Diarrhea (n=441), Typhoid (n=429), Suspected Cholera (n=238), Viral Hepatitis (B, C & D) (n=144), and Measles (n=106).
- In comparison with previous week (WK20), the slight decrease in cases observed for all above said diseases except for ILI and Measles.
- Except SARI, Sindh has reported the maximum cases of all diseases, followed by Balochistan and KP.

Figure 1: Most frequently reported cases during week 21, in comparison with previous weeks, Pakistan

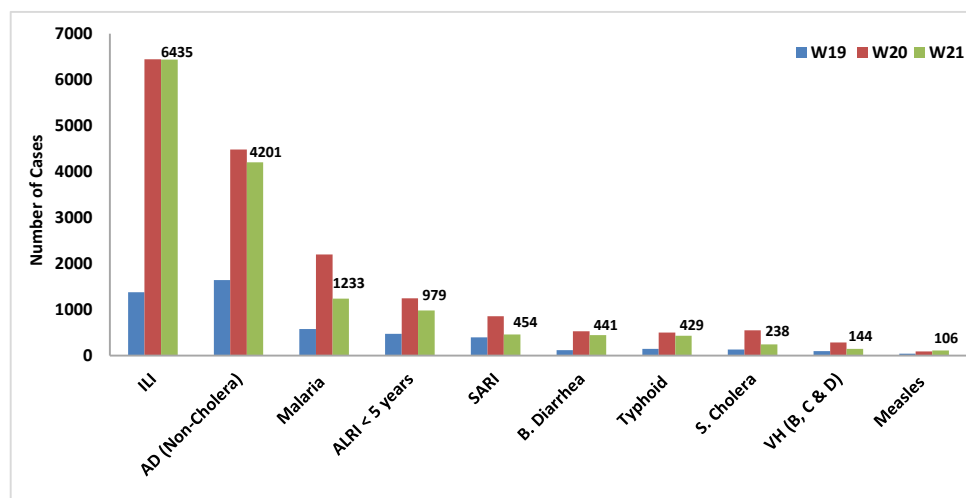


Table 1: Province/Area wise distribution of most frequently reported cases during week 21, Pakistan

Diseases	AJK	Baloch.	GB	ICT	KP	Sindh	Total
ILI	0	1,349	0	63	752	4,271	6,435
AD (Non-Cholera)	50	664	10	106	458	3,069	4,357
Malaria	4	320	0	0	317	592	1,233
ALRI < 5 years	0	173	12	0	66	728	979
SARI	0	18	3	0	398	35	454
S. Cholera	0	14	0	0	47	177	238
B. Diarrhea	0	119	0	0	25	297	441
Typhoid	0	67	3	0	101	258	429
VH (B, C & D)	0	9	0	0	6	113	144
Measles	0	16	0	0	30	60	106

Point of Attention:

- Teleconference could not happen for the past 05 weeks due to involvement of IDSR 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.
- Increased cases of SARI, Typhoid and suspected Cholera observed in KP. Moreover, increased number of Measles cases were also reported. It is, therefore, recommended to enhance early detection, outbreak investigations and response activities in the affected districts.
- From Islamabad and AJK, AD (Non-Cholera) cases need to be verified to initiate early response activities.
- The cases of ILI need to be classified correctly on the basis of IDSR case definitions and needs to be differentiated from SARI and COVID-19.
- Killa Abdullah, Quetta and Pishin reported cutaneous leishmaniasis, therefore it is required to investigate and carry out response activities in the affected areas.
- It is proposed to enhance community awareness on water, sanitation and hygiene (WASH) practices especially for diarrheal diseases and typhoid affected districts.
- Districts Nagar, Gwadar and Umerkot did not report data this week

Sindh

- Sindh reported maximum cases of ILI (n=4271) followed by AD (Non Cholera) (n=3069), ALRI < 5 Years (n=728), Malaria (n=592), B. Diarrhea (n=297), S. Cholera (n=177), Typhoid (n=258), VH (B, C & D) (n=113), Measles (n=60), and SARI (n=35)
- District Ghotki reported the maximum cases of AD (Non-Cholera) (n=777), ILI (n=424), Malaria (n=282), ALRI < 5 years (n=196).
- District Hyderabad reported maximum cases of ILI (n=3130), AD (Non Cholera) (n=1018), ALRI < 5 years (n=231), and S. Cholera (n=155).
- From Karachi Malir cases reported as AD (Non-Cholera) (n=662), ILI (n=256), and ALRI < 5 years (138). While Karachi East reported maximum cases for AD (Non-Cholera) (132).
- Naushero Feroz reported maximum cases for ILI (n=370), AD (Non Cholera) (n=303), Malaria (n=268) and Typhoid (n=92).
- Tharparkar reported maximum cases for AD Non-Cholera) (n=93), and ILI (n=87).
- ILI, AD (Non Cholera) and ALRI < 5 years were top three (03) reported diseases.

Figure 2: Most frequently reported cases during week 21 in comparison with pervious weeks, Sindh

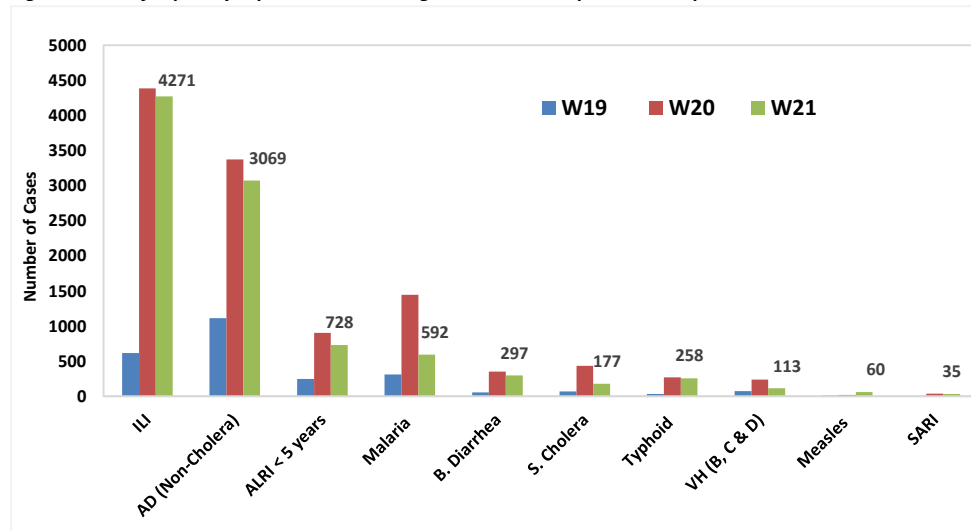
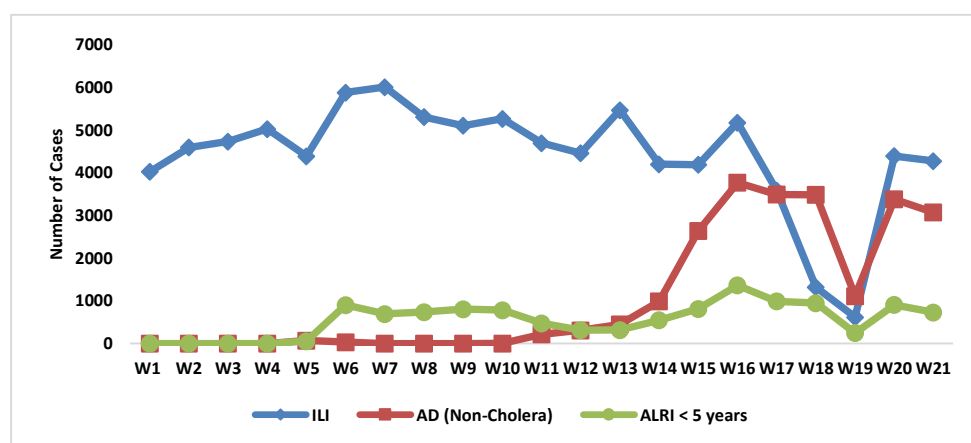


Table 2: District wise distribution of most frequently reported cases during week 21, Sindh

Diseases	Ghotki	Hyderabad	Karachi East	Karachi Malir	Naushero Feroze	Shikarpur	Tharparkar	Total
ILI	424	3,130	1	256	370	3	87	4,271
AD (Non-Cholera)	777	1,018	132	662	303	84	93	3,069
ALRI < 5 years	282	231	4	138	58	4	11	728
Malaria	196	28	36	13	268	12	39	592
S. Cholera	11	155	0	11	0	0	0	177
B. Diarrhea	187	54	2	16	33	1	4	297
Typhoid	86	12	0	50	92	1	17	258
VH (B, C & D)	74	15	0	16	8	0	0	113
SARI	7	22	0	0	0	6	0	35
Measles	2	10	1	40	0	0	7	60
Chickenpox	1	2	6	7	0	2	0	18

Figure 3: Week wise reported cases of ILI, AD (Non-Cholera), ALRI < 5 years, Sindh



Balochistan

- Balochistan overall ILI, AD (Non Cholera), Malaria, ALRI <5 years, CL, B. Diarrhea, Typhoid, SARI, Measles, and Suspected Cholera remained at Maximum.
- ILI remained maximum in Quetta (n=756) followed by Kech (n=315), Killa Abdullah (n=151) and Pishin (n=115)
- AD (Non Cholera) remained high in Quetta (n=274) followed by Kech (n=133), Killa Abdullah (n=127) and Pishin (n=91)
- Maximum cases of Malaria were reported from Lasbella (n=151) followed by Kech (n=133) and Pishin (n=15)
- ALRI <5 years remained at maximum in Kech (n=112)
- Killa Abdullah, Quetta, Pishin reported CL cases as 58, 36 and 17 respectively.
- Typhoid remained maximum in Quetta (n=29) and Pishin (n=27).
- Measles remained at maximum in Quetta (n=11).
- Weekly cases of ILI, AD (Non Cholera) were increased in comparison with the WK20.

Figure 4: Most frequently reported cases during week 21, in comparison with previous weeks, Balochistan

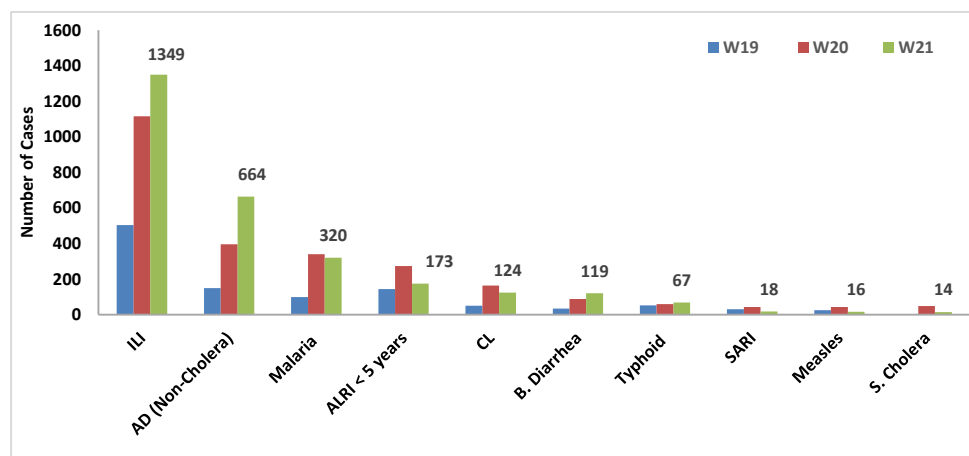
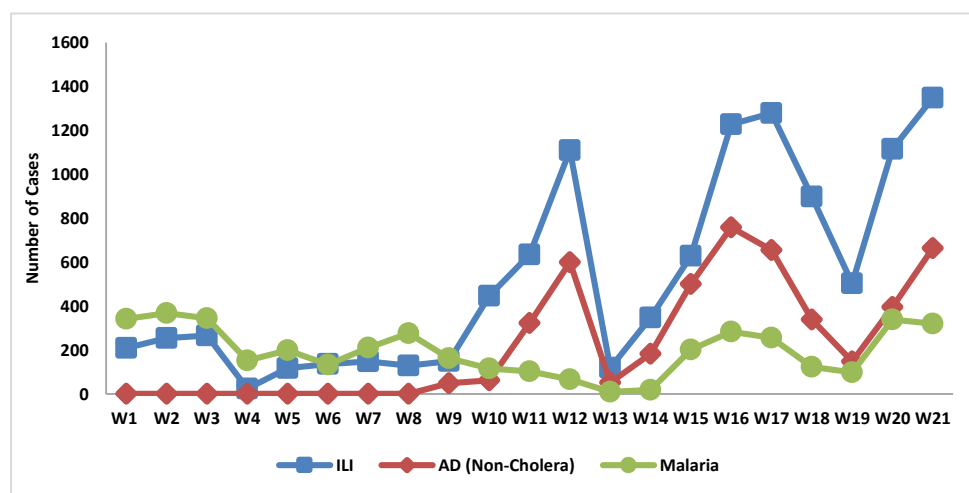


Table 3: District wise distribution of most frequently reported cases during week 21, Balochistan

Diseases	Kech (Turbat)	Killa Abdullah	Lasbella	Pishin	Quetta	Total
ILI	315	151	3	115	765	1349
AD (Non-Cholera)	133	127	39	91	274	664
Malaria	133	10	151	15	11	320
ALRI < 5 years	112	0	42	19	0	173
CL	0	58	13	17	36	124
B. Diarrhea	57	0	2	35	25	119
Typhoid	0	4	7	27	29	67
SARI	0	0	18	0	0	18
Measles	0	3	2	0	11	16
S. Cholera	0	0	7	2	5	14
Mumps	0	0	0	4	2	6
Diphtheria	0	0	1	0	0	1
Leprosy	0	0	1	0	0	1

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



Khyber Pakhtunkhwa

- KP reported the maximum ILI, AD (Non Cholera), SARI, Malaria, Typhoid, ALRI<5years, S. Cholera, Measles B. Diarrhea, and VH (B, C & D)
- Kohat district remained the most affected district and reported maximum cases of all diseases except for Measles.
- Maximum cases of Measles (n=23) were reported from Haripur.
- Weekly cases of ILI, AD (Non Cholera), Showed downward trend in comparison with the WK20 while SARI is slightly decreased.

Figure 6: Most frequently reported cases during week 21, in comparison with pervious weeks, KP

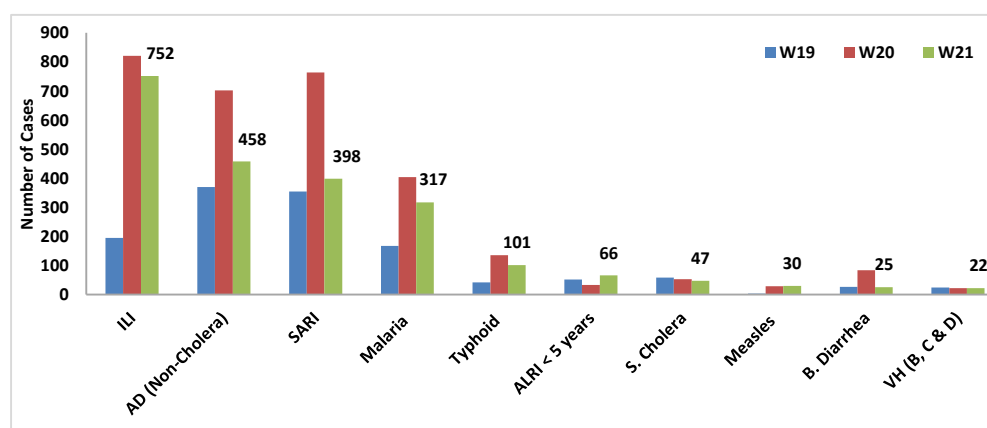
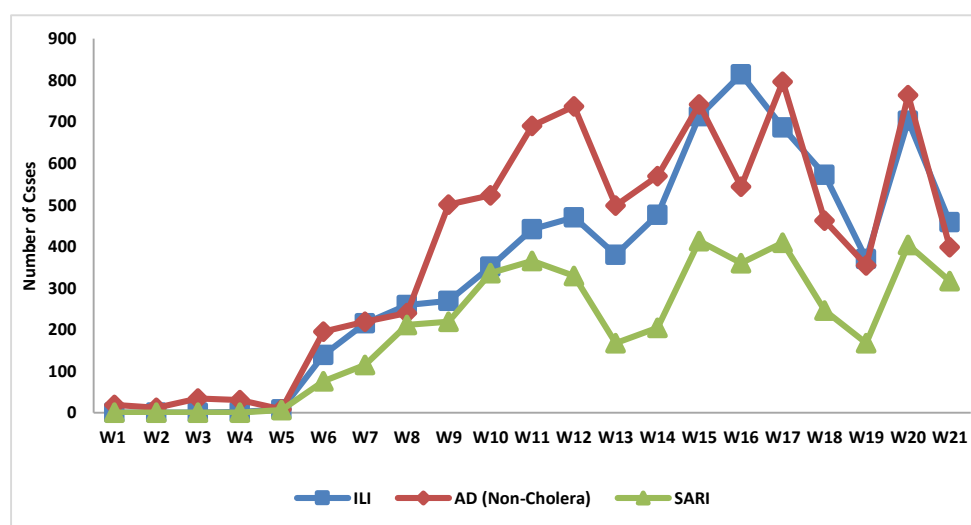


Table 4: District wise distribution of most frequently reported cases during week 21, KP

Diseases	Haripur	Kohat	Total
ILI	339	413	752
AD (Non-Cholera)	0	458	458
SARI	132	266	398
Malaria	0	317	317
Typhoid	0	101	101
ALRI < 5 years	0	66	66
S. Cholera	0	47	47
Measles	23	7	30
B. Diarrhea	0	25	25
VH (B, C & D)	0	22	22
Diphtheria	3	0	3
Meningitis	0	3	3

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



Islamabad (ICT)

- Form ICT, most frequent diseases were ARI (n=103) followed by ILI (n=63), AWD <5 years (n=56) and AWD >5 years (n=50)
- ILI, AWD cases among both >5 years and <5 years age group reduced as compared to last week.
- Whereas ARI cases remained almost same during this week

Figure 8: Most frequently reported cases during week 21, in comparison with pervious weeks, ICT

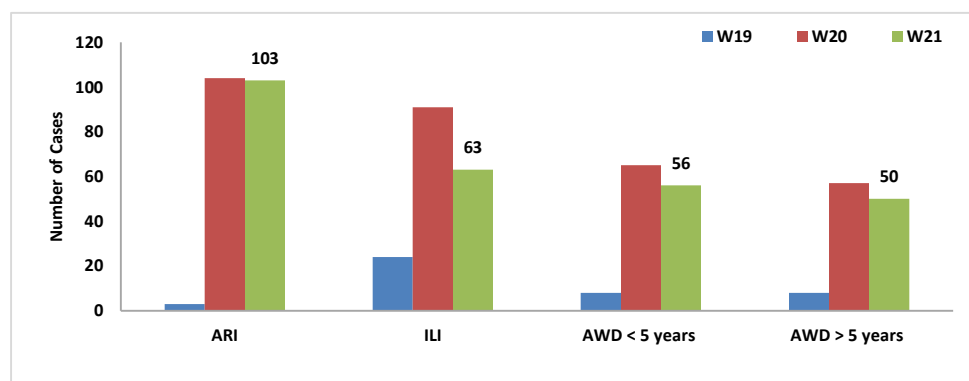


Figure 9: Week wise reported cases of ARI and AWD, ICT

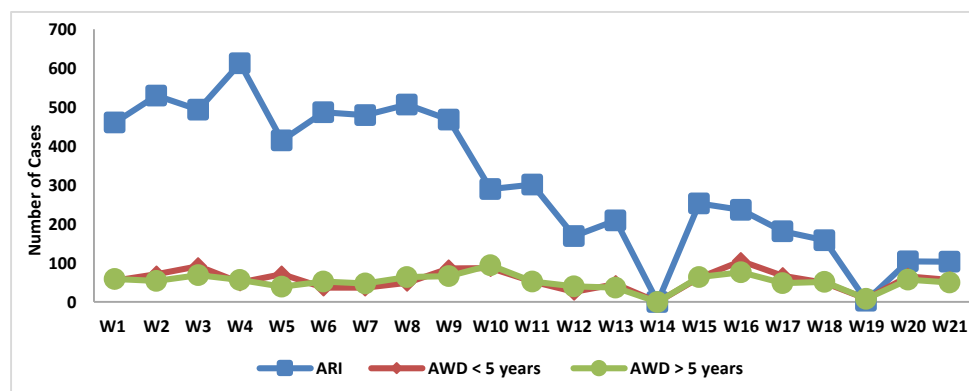


Figure 10: Most frequently reported cases during week 21, in comparison with pervious weeks, GB

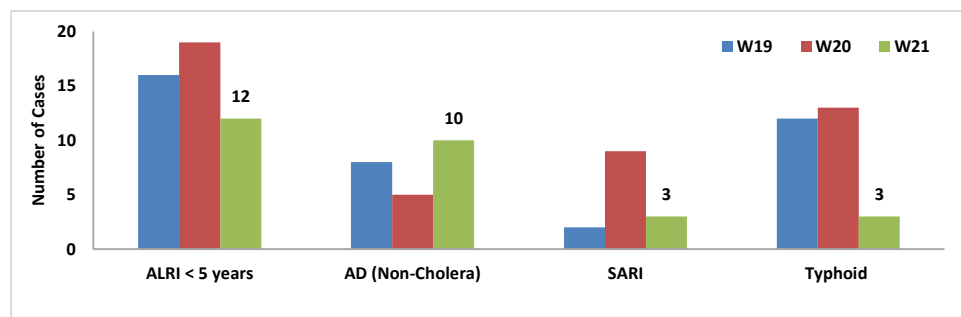
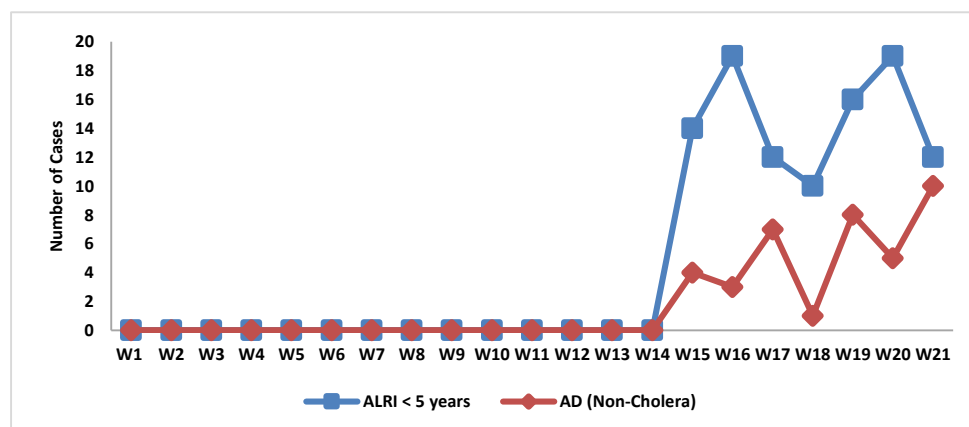


Figure 11: Week wise reported cases of ILI and ALRI<5 years , GB



Azad Jammu & Kashmir

- In AJK, ARI, and AWD >5 years remained high.
- Overall weekly cases of ARI, and AWD >5 years increased in comparison with the previous week (WK 20)

Figure 12: Most frequently reported cases during week 21, in comparison with pervious weeks, AJK

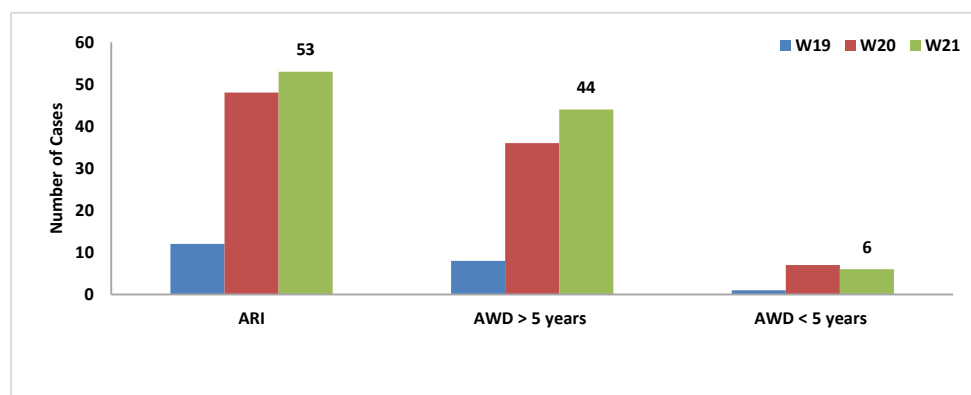
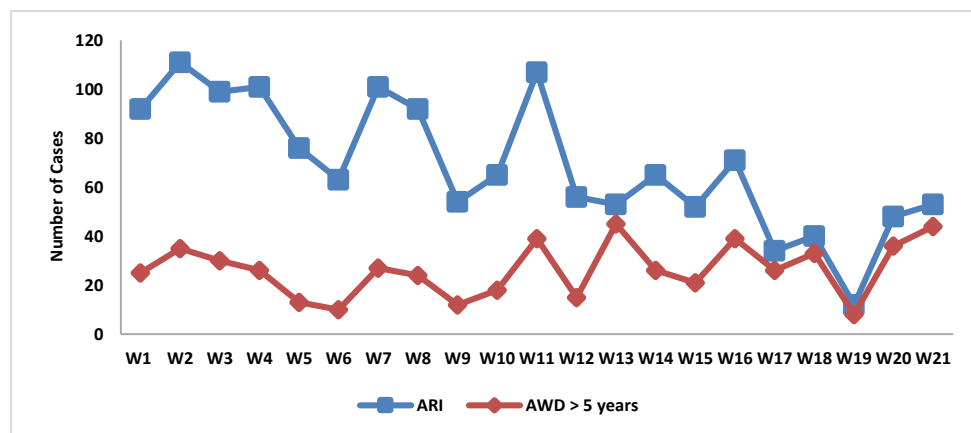


Figure 13: Week wise reported cases of ARI and AWD, AJK



IDSR Participating Districts

- 100% health facilities from Karachi East reported data
- Districts Nagar, Gwadar and Umerkot 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	12 (17%)
	Kohat	59/59	40 (68%)
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	17 (50%)
	Killa Abdullah	18/50	17 (94%)
	Lasbella	82/82	47 (57%)
	Quetta	20/77	17 (85%)
	Pishin	23/118	13 (57%)
Gilgit	Hunza	30/30	13 (43%)
	Nagar	22/22	0 (0%)
Sindh	Hyderabad	63/63	56 (89%)
	Karachi-East	14/14	14 (100%)
	Karachi-Malir	43/43	34 (79%)
	Ghotki	94/94	58 (62%)
	Umerkot	30/118	0 (0%)
	NosheroFeroz	50/50	17 (34%)
	Tharparkar	5/236	4 (80%)
	Shikarpur	21/21	8 (38%)

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