



Field Epidemiology and Disease Surveillance Division (FEDSD)

National Institute of Health (NIH), Islamabad

Phone: 051- 9255237, Email: fedsd@nih.org.pk, idsr-pak@nih.org.pk



Weekly Bulletin: Integrated Disease Surveillance and Response (IDSR)

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Highlights of the week 25 (21st June – 27th June 2021)

Cumulative Information:

- Maximum cases reported were; ILI (n=7,573), Acute Diarrhea (Non Cholera) (n=6,894), Malaria (n=1,628), ALRI <5 years (n=1333), Typhoid (n=814), B. Diarrhea (n=735), SARI (n=652), suspected Cholera (n=475), Viral Hepatitis (B, C, & D) (n=169) and CL (n=93).
- In comparison with previous week i.e. WK24, cases of all diseases increased except CL whose cases decreased.
- Cases of Acute Viral Hepatitis reported from KP (n=42), Balochistan (n=24), Sindh (n=16), and GB (n=3).
- Cases of Malaria reported from Sindh (n=773), Balochistan (n=506), KP (n=343), and AJK (n=06).
- Maximum cases of Cutaneous Leshmaniasis (CL) reported from Balochistan (n=91).
- Cases of Typhoid reported from Balochistan (n=397), Sindh (n=201), KP (n=193) and GB (n=23). This need verification, epidemiological investigations, and response activities.

Figure 1: Most frequently reported cases during week 25, in comparison with previous weeks, Pakistan

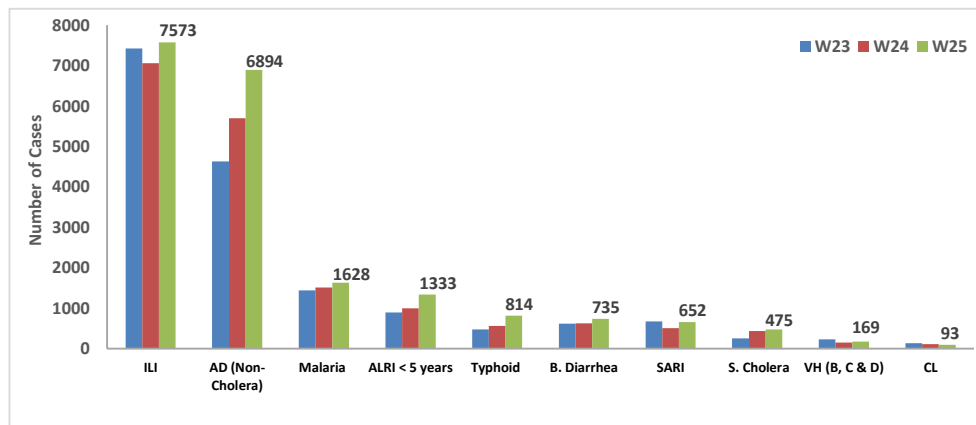


Table 1: Province/Area wise distribution of most frequently reported cases during week 25, Pakistan

Diseases	Azad Jammu and Kashmir	Balochistan	Gilgit Baltistan	ICT	Khyber Pakhtunkhwa	Sindh	Total
ILI	0	2,164	33	94	1,383	3,899	7,573
AD (Non-Cholera)	53	1,097	21	105	2,121	3,497	6,894
Malaria	6	506	0	0	343	773	1,628
ALRI < 5 years	0	101	26	0	167	1,039	1,333
Typhoid	0	397	23	0	193	201	814
B. Diarrhea	0	218	3	0	173	341	735
SARI	0	91	8	0	464	89	652
S. Cholera	0	92	13	0	155	215	475
VH (B, C & D)	0	10	0	0	0	159	169
CL	0	91	0	0	2	0	93
AVH	0	24	3	0	42	16	85
Measles	0	37	0	1	4	16	58

Point of Attention:

- After break of 05 weeks, IDSR Weekly Teleconference resumed with the objective that all IDSR districts focal persons will participate to discuss data flow challenges with NIH and ways to resolve those issues and scale up IDSR system in the country.
- There is a need to verify the alerts for early detection and response activities by the IDSR teams and other concerned departments in their respective provinces and areas.
- Acute viral hepatitis cases were reported more from KP, Balochistan, Sindh, and GB. This need verification, outbreak investigation and response activities at earliest.
- Typhoid cases are regularly reported from Balochistan, KP, Sindh, and GB. Detailed timely investigation and classification (i.e. MDR or XDR) is required followed by response activities accordingly.
- Malaria cases reported more from Sindh, Balochistan, KP and AJK. 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=3,899) followed by AD (Non Cholera) (n=3,497), ALRI <5 Years (n=1039), Malaria (n=773), B. Diarrhea (n=341), S. Cholera (n=215), Typhoid (n=201), VH (B, C & D) (n=159), SARI (n=89), AVH (n=16) and Measles (n=16).
- 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 East maximum cases reported as AD (Non-Cholera).
- From Karachi Malir, maximum cases reported are of ILI, AD (Non-Cholera), and ALRI <5 years.
- Naushero Feroz reported maximum cases of ILI, AD (Non Cholera), and Malaria.
- Shikarpur reported maximum cases AD (Non-Cholera).
- From Tharparkar maximum cases of ILI, AD (Non-Cholera), ALRI <5 years and Malaria.
- This week, increase in case trend observed for ILI, AD (Non-Cholera) and ALRI <5 years.
- Cases of Measles, Chickenpox, VH (B, C & D), and Malaria need immediate verification, epidemiological investigations, and response activities.

Figure 2: Most frequently reported cases during week 25, in comparison with pervious weeks, Sindh

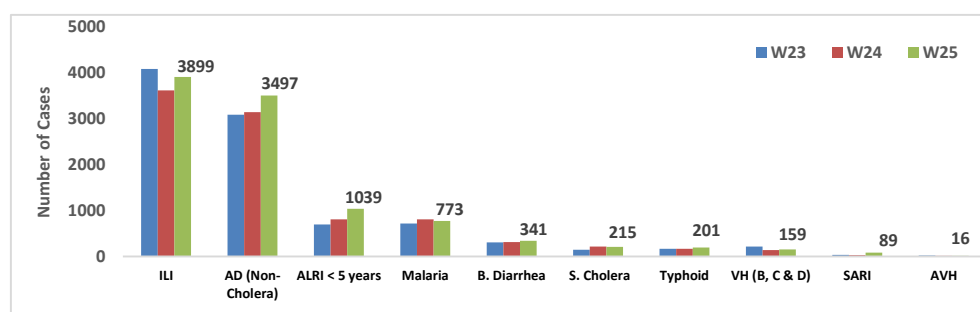
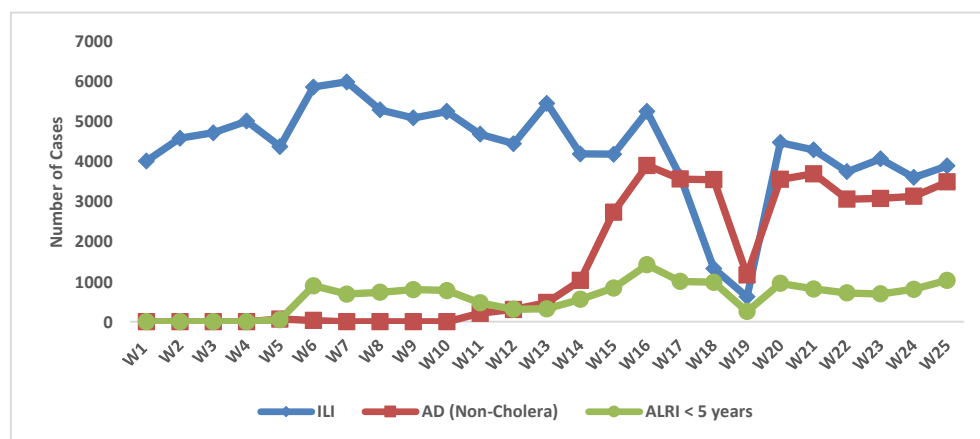


Table 2: District wise distribution of most frequently reported cases during week 25, Sindh

Diseases	Ghotki	Hyderabad	Karachi East	Karachi Malir	Naushero Feroze	Shikarpur	Tharparkar	Total
ILI	497	2,755	0	198	246	1	202	3,899
AD (Non-Cholera)	827	1,173	132	513	283	124	445	3,497
ALRI < 5 years	367	273	1	123	46	55	174	1,039
Malaria	199	41	37	30	176	28	262	773
B. Diarrhea	185	33	3	39	21	10	50	341
S. Cholera	12	174	1	21	0	0	7	215
Typhoid	63	8	0	47	37	0	46	201
VH (B, C & D)	87	33	0	15	4	0	20	159
SARI	3	25	0	0	0	7	54	89
AVH	0	6	2	0	1	0	7	16
Measles	1	0	0	0	10	2	3	16
Chickenpox	3	2	1	1	0	2	0	9

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



Balochistan

- From Balochistan overall ILI (n=2,164), AD (Non Cholera) (n=1097), Malaria (n=506), Typhoid (n=397), B. Diarrhea (n=218), ALRI <5 years (n=101), S. Cholera (92), SARI (n=91), Dengue (42), Measles (37), Meningitis (23) and Pertussis (n=12) remained at maximum.
- District Gwadar reported maximum cases of ILI, AD (Non-Cholera), and Typhoid.
- District Kech reported maximum cases of ILI, AD (Non-Cholera), and Malaria.
- District Killa Abdullah reported maximum cases for ILI, and AD (Non-Cholera).
- District Lasbella reported maximum cases for AD (Non-Cholera), and Malaria.
- District Pishin reported more cases for ILI and AD (Non-Cholera).
- District Quetta reported maximum cases for ILI followed by AD (Non-Cholera).
- District Khuzdar reported maximum cases for ILI, AD (Non-Cholera), and Malaria.
- This week increase trend observed for ILI, AD (Non-Cholera), and Malaria as compared to Week 24.
- Cases of Meningitis, Measles, Pertussis and Leprosy need immediate verification, epidemiological investigation and response actions. Routine Immunization needs to be strengthened.**

Figure 4: Most frequently reported cases during week 25, in comparison with previous weeks, Balochistan

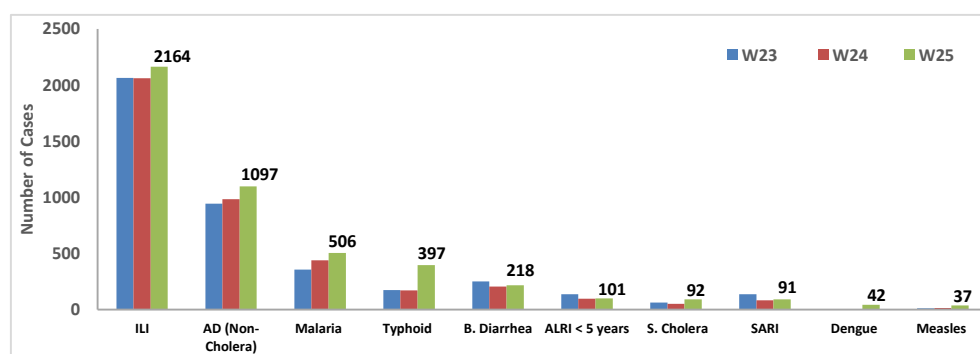
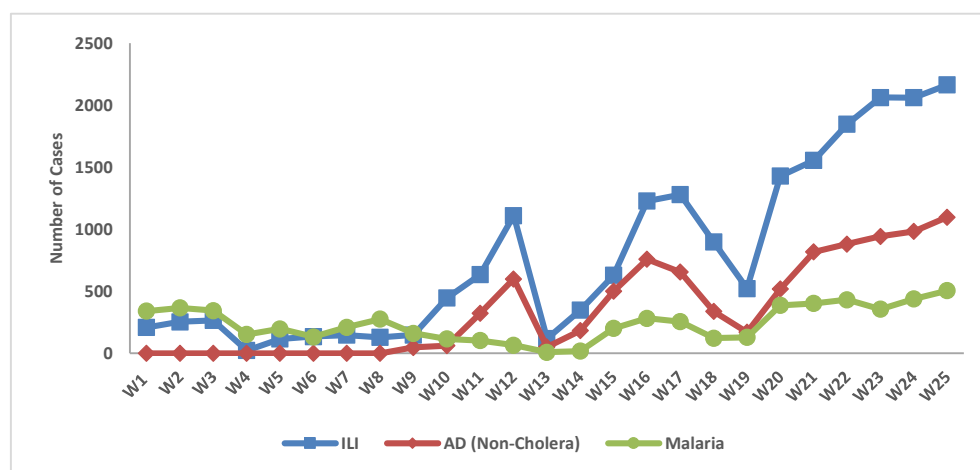


Table 3: District wise distribution of most frequently reported cases during week 25, Balochistan

Diseases	Gwadar	Kech (Turbat)	Killa Abdullah	Lasbella	Pishin	Quetta	Khuzdar	Total
ILI	496	419	197	23	145	714	170	2,164
AD (Non-Cholera)	237	127	110	114	88	281	140	1,097
Malaria	39	114	12	179	17	26	119	506
Typhoid	245	1	22	13	30	45	41	397
B. Diarrhea	21	30	17	23	37	53	37	218
ALRI < 5 years	15	20	0	41	0	0	25	101
S. Cholera	40	0	0	25	0	0	27	92
SARI	3	0	0	75	1	5	7	91
Dengue	42	0	0	0	0	0	0	42
Measles	0	0	5	0	2	6	24	37
AVH	22	0	0	0	0	0	2	24
Meningitis	0	0	8	0	9	6	0	23
Pertussis	0	0	0	1	2	0	9	12
Leprosy	0	0	0	0	0	0	6	6

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



Khyber Pakhtunkhwa

- KP reported the maximum AD (Non Cholera) (n=2121), ILI (n=1383), SARI (n=464), Malaria (n=343), Typhoid (n=193), B. Diarrhea (n=173), ALRI <5years (n=167), S. Cholera (n=155), AVH (n=42) and Mumps (n=06).
- District Kohat reported maximum cases of AD (Non-Cholera), ILI, SARI and Malaria.
- District Haripur reported maximum cases of AD (Non-Cholera), ILI, Typhoid Fever, and ALRI <5 years.
- Weekly trend of AD (Non Cholera) showed sharp rise followed by ILI, and SARI.
- Cases of AVH, Mumps, Measles, Pertussis and Brucellosis need immediate verification, epidemiological investigation and response actions. Routine Immunization needs to be strengthened.**

Figure 6: Most frequently reported cases during week 25, in comparison with pervious weeks, KP

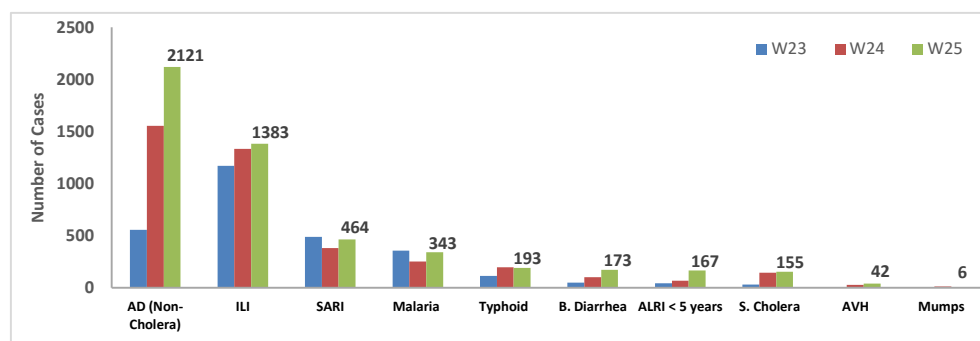
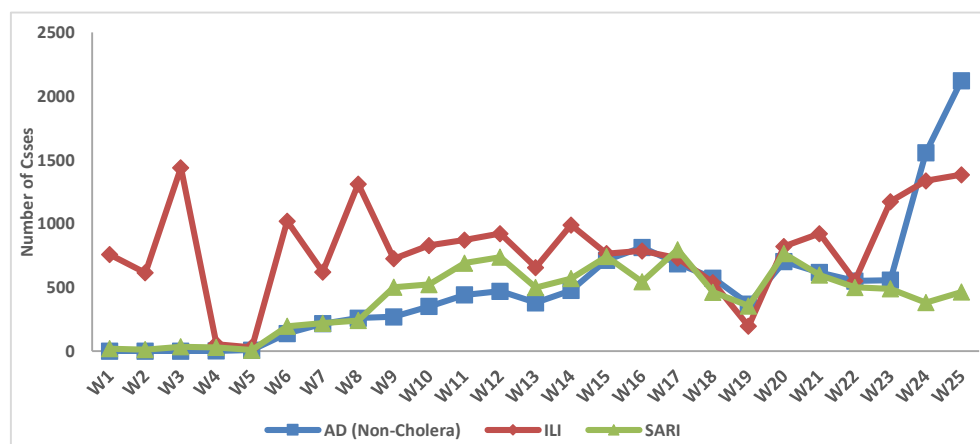


Table 4: District wise distribution of most frequently reported cases during week 25, KP

Diseases	Haripur	Kohat	Total
AD (Non-Cholera)	1,451	670	2,121
ILI	998	385	1,383
SARI	65	399	464
Malaria	71	272	343
Typhoid	124	69	193
B. Diarrhea	93	80	173
ALRI < 5 years	120	47	167
S. Cholera	66	89	155
AVH	42	0	42
Mumps	6	0	6
Measles	0	4	4
Pertussis	0	2	2
Brucellosis	1	0	1

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



Islamabad (ICT)

- From ICT, most frequent reported diseases were ARI (172) followed by ILI (94), AWD <5 years (n=59), AWD >5 years (n=46) and Measles (01).
- During this week 24, increase trend observed for ARI, and AWD (<5 years).
- 01 case of Measles also reported, which need verification, epidemiological investigation and response actions. **Routine Immunization needs to be strengthened**

Figure 8: Most frequently reported cases during week 25, in comparison with pervious weeks, ICT

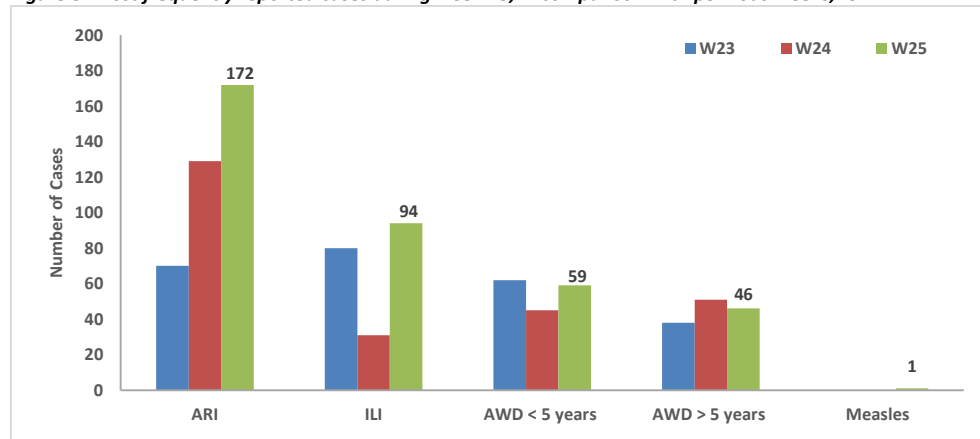


Figure 9: Week wise reported cases of ARI and AWD, ICT

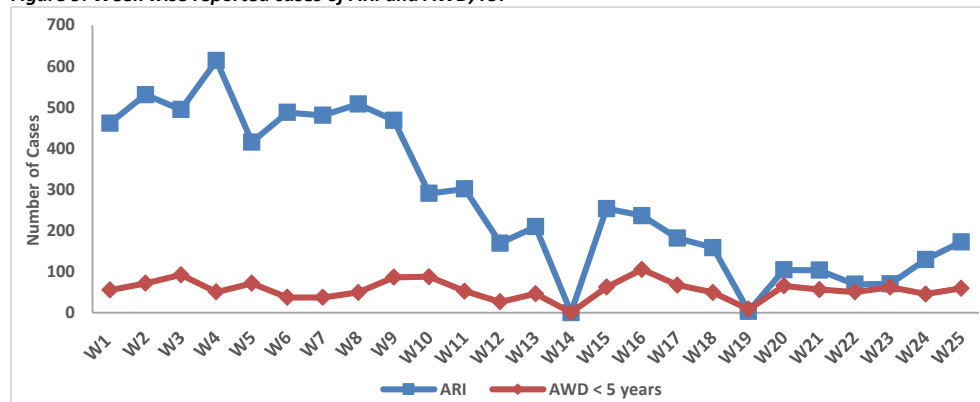


Figure 10: Most frequently reported cases during week 25, in comparison with pervious weeks, GB

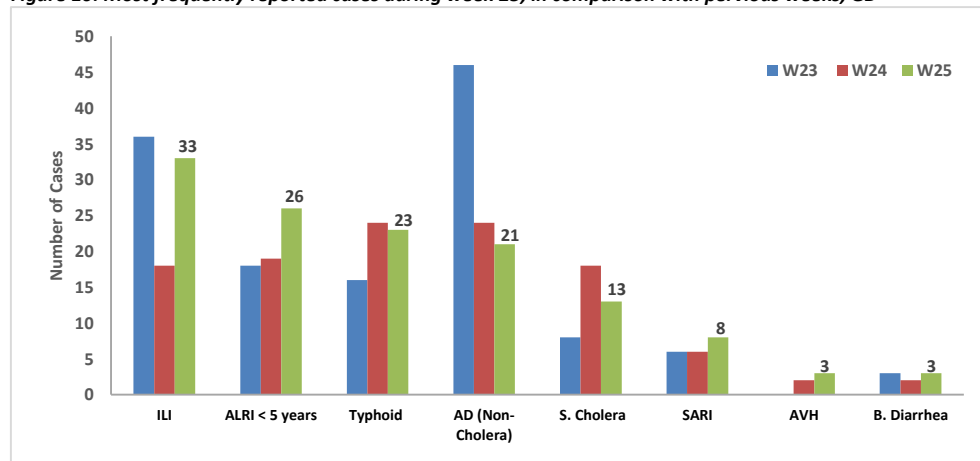


Table 5: District wise distribution of most frequently reported cases during week 25, GB

Diseases	Hunza	Nagar	Total
ILI	0	33	33
ALRI < 5 years	19	7	26
Typhoid	6	17	23
AD (Non-Cholera)	12	9	21
S. Cholera	9	4	13
SARI	6	2	8
AVH	0	3	3
B. Diarrhea	2	1	3
Leprosy	0	2	2

- Weekly trend show increased trend of ALRI <5 years and decrease trend of Typhoid cases as compared to the previous week (WK 24).

Azad Jammu & Kashmir

- In AJK, ARI (n=43), AWD >5 years (n=42), AWD <5 years (11), and Malaria (n=6) remained at maximum.
- Overall weekly cases of AWD >5 years increased while ARI decreased in comparison with the previous week (WK 24).

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

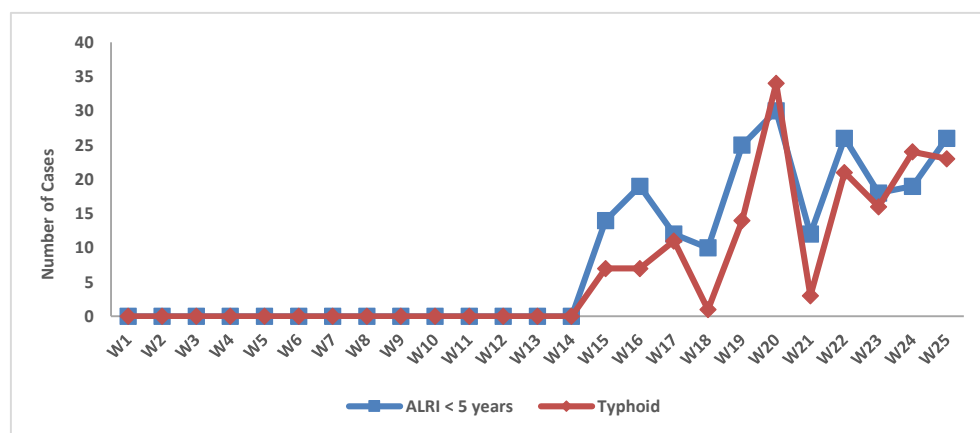


Figure 12: Most frequently reported cases during week 25, in comparison with pervious weeks, AJK

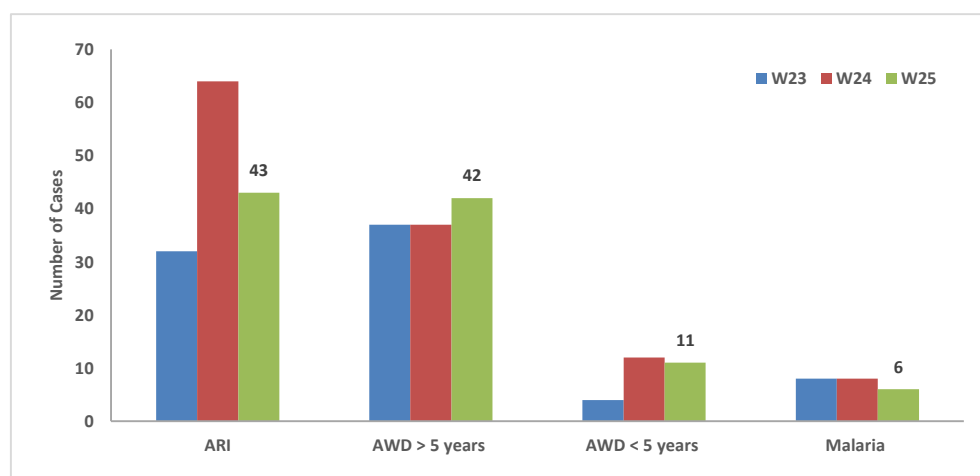
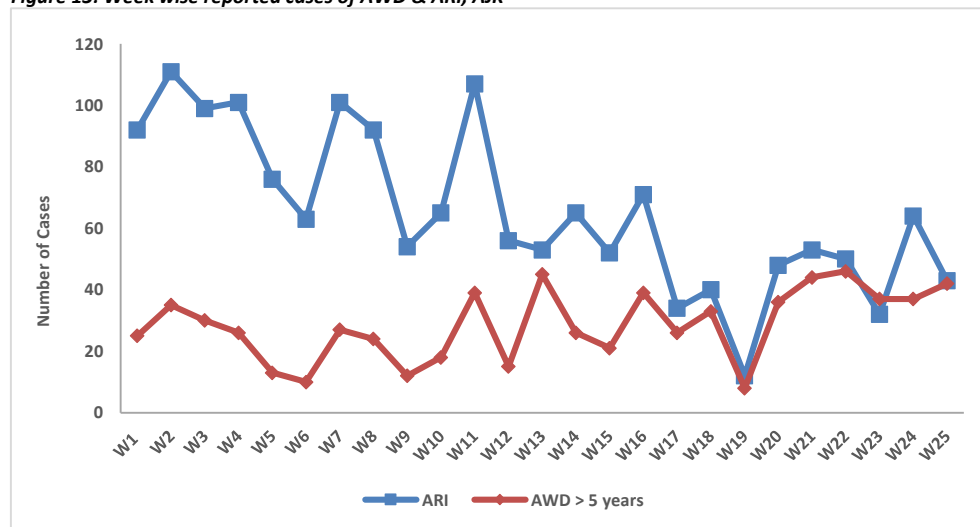


Figure 13: Week wise reported cases of AWD & ARI, AJK



IDSR Participating Districts

- Health facilities from district Khuzdar started reporting data.
- All (100%) health facilities from Kohat, Khuzdar, Quetta, Karachi East, and Tharparkar reported data.
- District Umerkot did not report data this week also.

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	68 (97%)
	Kohat	59/59	59 (100%)
Azad Jammu Kashmir	Mirpur	37/37	30 (81%)
Islamabad Capital Territory	Islamabad	23/32	13(57%)
Balochistan	Gwadar	24/24	20 (83%)
	Kech	34/78	17 (50%)
	Khuzdar	19/136	19 (100%)
	Killa Abdullah	18/50	17 (94%)
	Lasbella	82/82	76 (93%)
	Pishin	23/118	19 (83%)
	Quetta	22/77	22 (100%)
Gilgit	Hunza	30/30	29 (97%)
	Nagar	22/22	6 (27%)
Sindh	Hyderabad	63/63	55 (87%)
	Karachi-East	14/14	14 (100%)
	Karachi-Malir	43/43	29 (67%)
	Ghotki	94/94	56 (60%)
	Umerkot	30/118	0 (0%)
	NosheroFeroz	50/50	13 (26%)
	Tharparkar	34/236	34 (100%)
	Shikarpur	21/21	10 (48%)

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