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Weekly Bulletin: Integrated Disease Surveillance and Response (IDSR)

8th July 2021

Highlights of the week 26 (28th June– 4th July 2021)

Cumulative Information:

- Maximum cases reported were Acute Diarrhea (Non Cholera) (n=6,380), ILI (n=6,226), Malaria (n=1,403), ALRI<5 years (n=1,291), B. Diarrhea (n=552), Typhoid (n=469), SARI (n=401), suspected Cholera (n=353), Acute Viral Hepatitis (A&E) (n=152) and Viral Hepatitis (B, C, & D) (n=136).
- In comparison with previous week i.e. WK25, cases of all diseases decreased except for AVH & VH.
- Cases of Acute Viral Hepatitis reported mainly from KP (n=140).
- Cases of Malaria reported from Sindh (n=678), Balochistan (n=479), KP (n=236), and AJK (n=09).
- Maximum cases of B. Diarrhea reported from Sindh (n=320), Balochistan (n=182) and KP (n=36).
- Cases of Typhoid fever reported from Sindh (n=155), KP (n=154) and Balochistan (n=131), GB (n=18) and ICT (n=11). This need verification, epidemiological investigations, and response activities.
- Cases of vaccine preventable diseases (VPDs) are regularly reported from all IDSR provinces and regions which need routine immunization strengthening.

Figure 1: Most frequently reported cases during week 26, in comparison with previous weeks, Pakistan

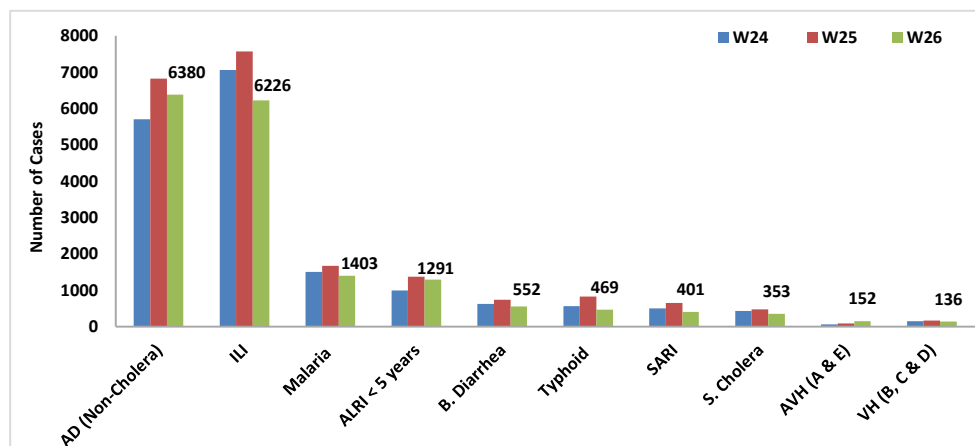


Table 1: Province/Area wise distribution of most frequently reported cases during week 26, Pakistan

Diseases	Azad Jamu and Kashmir	Balochistan	Gilgit Baltistan	ICT	KP	Sindh	Total
AD (Non-Cholera)	44	915	25	133	1,850	3,413	6,380
ILI	0	1,545	10	255	979	3,437	6,226
Malaria	9	479	0	1	236	678	1,403
ALRI < 5 years	0	136	27	0	71	1,057	1,291
B. Diarrhea	0	182	11	3	36	320	552
Typhoid	0	131	18	11	154	155	469
SARI	0	72	3	0	274	52	401
S. Cholera	0	78	17	0	75	183	353
AVH (A & E)	0	2	0	0	140	10	152
VH (B, C & D)	0	4	0	0	0	132	136
CL	0	92	0	0	2	0	94
Measles	0	41	6	1	12	9	69
Mumps	0	8	0	2	3	12	25
Pertussis	0	14	0	0	0	1	15

Point of Attention:

- Weekly tele-meeting was held with IDSR reporting sites via Zoom link to discuss disease status/alerts, response actions taken by concerned quarters, and challenges in data flow.
- There is a need to verify cases of ILI and ALRI<5 years country wide and to initiate response activities
- AD (Non-Cholera), S. Cholera and Typhoid cases are regularly reported from Balochistan, KP, Sindh, and GB. Spot mapping for identification of high risk areas is required for implementation of response activities.
- Malaria cases reported more from Sindh, Balochistan, KP and AJK. Verification, epidemiological investigation and response action is urgently required.
- Vaccine preventable diseases (Measles, Mumps, Pertussis) cases are reporting each week, vigilant monitoring, verification, investigation and coordination with EPI is required to reduce the cases

Sindh

- Sindh reported maximum cases of ILI (n=3437) followed by AD (Non Cholera) (n=3413), ALRI<5 Years (n=1057), Malaria (n=678), B. Diarrhea (n=320), S. Cholera (n=183), Typhoid (n=155), VH (B, C & D) (n=132), SARI (n=52), and Mumps (n=12).
- 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 are of AD (Non-Cholera), ILI, ALRI<5 years and Malaria.
- Shikarpur reported maximum cases AD (Non-Cholera) and ALRI <5 years.
- From Tharparkar maximum cases of AD (Non-Cholera), Malaria, ILI and ALRI <5 years.
- This week, decrease in case trend observed for ILI, AD (Non-Cholera) whereas for ALRI <5 years, remains same.
- Cases of Measles, Mumps, Chickenpox, VH (B, C & D), and Malaria need immediate verification, epidemiological investigations, and response activities.

Figure 2: Most frequently reported cases during week 26, in comparison with pervious weeks, Sindh

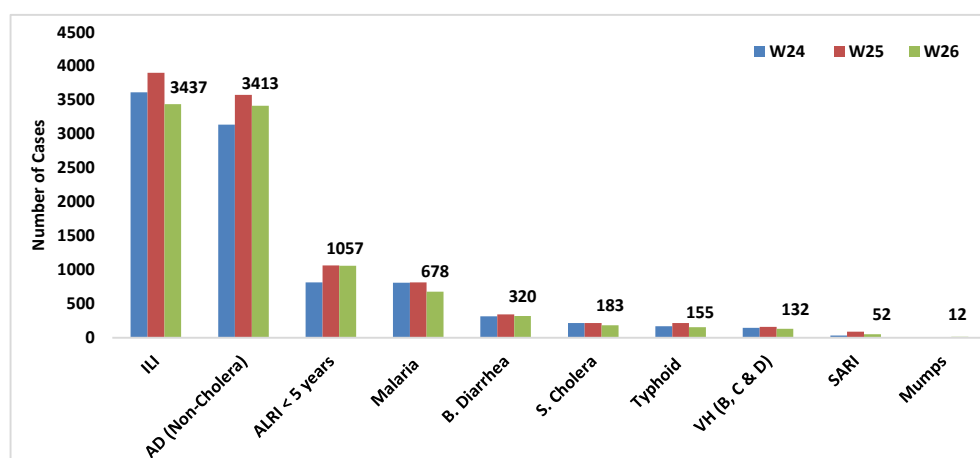
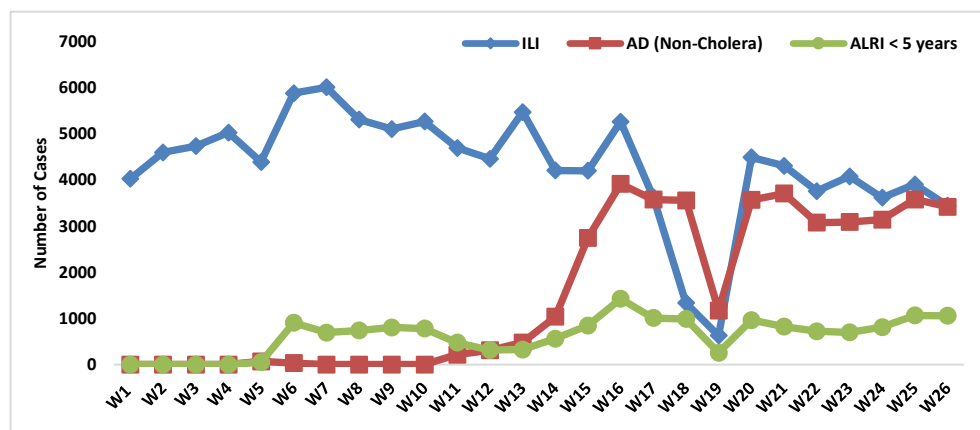


Table 2: District wise distribution of most frequently reported cases during week 26, Sindh

Diseases	Ghotki	Hyderabad	Karachi Malir	Shikarpur	Tharparkar	Total
ILI	466	2,392	346	0	233	3,437
AD (Non-Cholera)	752	1,215	668	108	670	3,413
ALRI < 5 years	273	244	241	97	202	1,057
Malaria	198	32	82	8	358	678
B. Diarrhea	193	43	35	6	43	320
S. Cholera	7	166	10	0	0	183
Typhoid	55	8	44	1	47	155
VH (B, C & D)	87	17	14	0	14	132
SARI	6	26	0	0	20	52
Mumps	3	3	3	2	1	12
AVH (A & E)	2	0	0	0	8	10
Measles	1	2	0	1	5	9
Chickenpox	4	1	1	2	0	8
Pertussis	1	0	0	0	0	1

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



Balochistan

- From Balochistan overall ILI (n=1,545), AD (Non Cholera) (n=915), Malaria (n=479), B. Diarrhea (n=182), ALRI <5 years (n=136), Typhoid fever (n=131), CL (n=92), S. Cholera (78), SARI (n=72) and Measles (41) remained at maximum.
- District Kech reported maximum cases of ILI, AD (Non-Cholera), Malaria and B. Diarrhea.
- District Killa Abdullah reported maximum cases for ILI, AD (Non-Cholera) and CL.
- District Lasbella reported maximum cases for Malaria, AD (Non-Cholera), and ALRI<5 years.
- 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, Malaria, AD (Non-Cholera), and Typhoid.
- This week decrease trend observed for ILI, AD (Non-Cholera). However, for Malaria remained same as compared to Week 25.
- Cases of Measles, Pertussis and Meningitis, Mumps need immediate verification, epidemiological investigation and response actions. Routine Immunization needs to be strengthened.**

Figure 4: Most frequently reported cases during week 26, in comparison with previous weeks, Balochistan

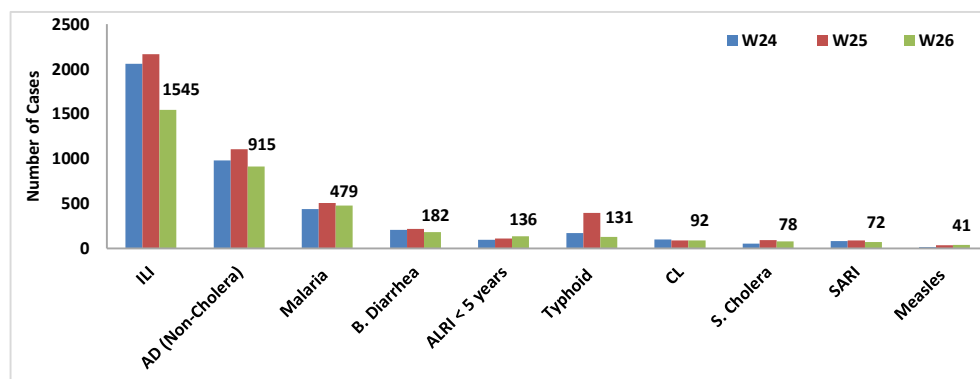
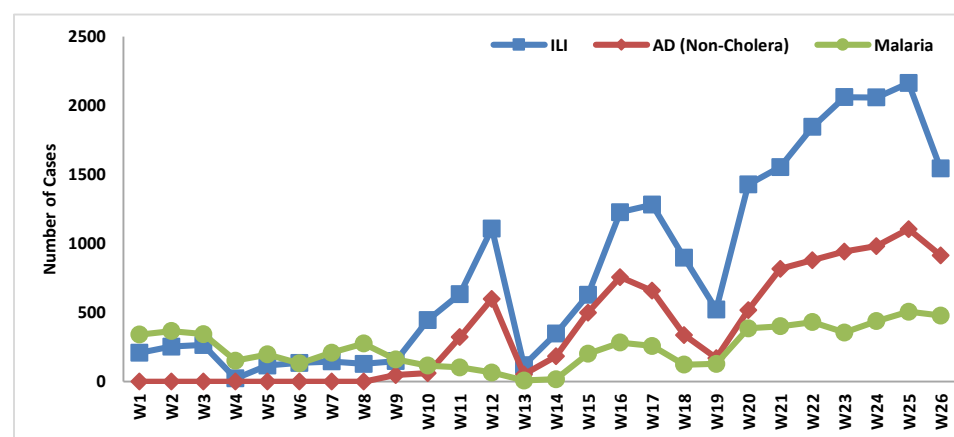


Table 3: District wise distribution of most frequently reported cases during week 26, Balochistan

Diseases	Kech (Turbat)	Killa Abdullah	Lasbella	Pishin	Quetta	Khuzdar	Total
ILI	473	160	39	219	514	140	1,545
AD (Non-Cholera)	167	145	140	133	241	89	915
Malaria	129	9	194	9	20	118	479
B. Diarrhea	34	0	15	57	32	44	182
ALRI < 5 years	17	0	76	20	0	23	136
Typhoid	0	8	27	29	30	37	131
CL	0	26	11	20	33	2	92
S. Cholera	0	0	27	5	0	46	78
SARI	5	0	47	1	0	19	72
Measles	0	7	1	2	0	31	41
Pertussis	0	0	3	1	0	10	14
Meningitis	0	6	0	3	0	0	9
Mumps	0	0	1	4	0	3	8
VH (B, C & D)	0	0	1	0	0	3	4
Chikungunya	0	0	0	0	0	1	1
Diphtheria	0	0	0	0	0	1	1

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



Khyber Pakhtunkhwa

- KP reported the maximum AD (Non Cholera) (n=1850), ILI (n=979), SARI (n=274), Malaria (n=236), Typhoid (n=154), AVH (n=140), S. Cholera (n=75), ALRI <5 years (n=71), B. Diarrhea (n=36) and Measles (n=12).
- District Kohat reported maximum cases of AD (Non-Cholera), ILI, Malaria and SARI.
- District Haripur reported maximum cases of AD (Non-Cholera), ILI, AVH (A&E), SARI and Typhoid.
- Weekly trend of AD (Non Cholera), ILI and SARI decrease compared to week 25.
- **Cases of B. Diarrhea, Mumps, Measles, and Chickenpox need immediate verification, epidemiological investigation and response actions.**
- **Routine Immunization needs to be strengthened.**

Figure 6: Most frequently reported cases during week 26, in comparison with pervious weeks, KP

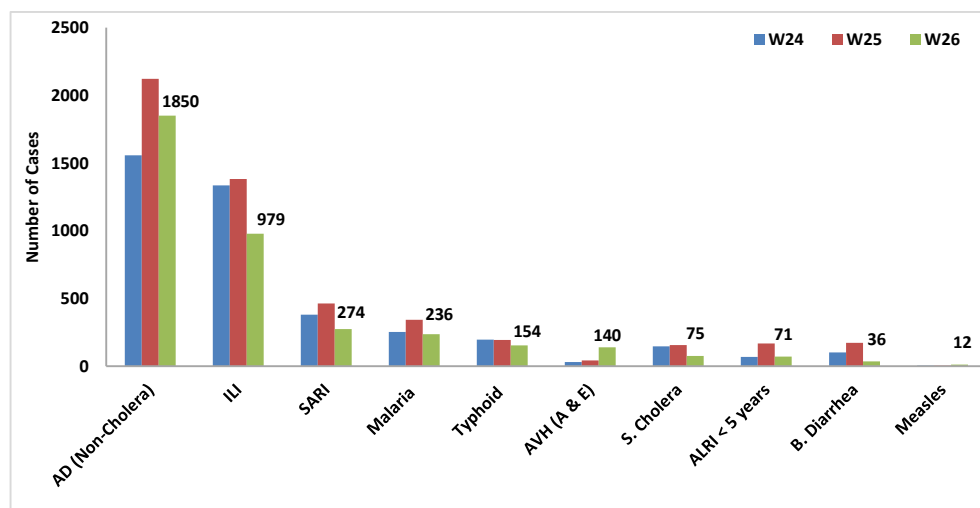
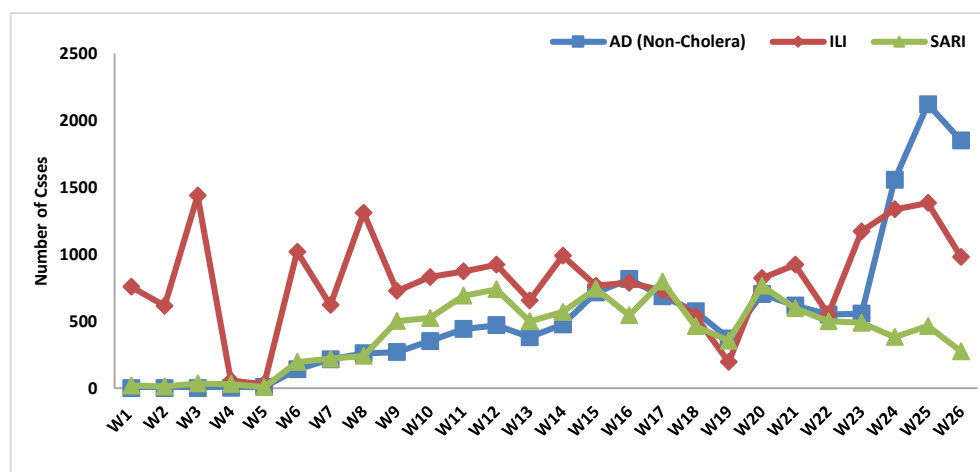


Table 4: District wise distribution of most frequently reported cases during week 26, KP

Diseases	Haripur	Kohat	Total
AD (Non-Cholera)	1,556	294	1,850
ILI	781	198	979
SARI	134	140	274
Malaria	49	187	236
Typhoid	113	41	154
AVH (A & E)	140	0	140
S. Cholera	41	34	75
ALRI < 5 years	51	20	71
B. Diarrhea	30	6	36
Measles	7	5	12
Chickenpox	4	0	4
Mumps	3	0	3

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



Islamabad (ICT)

- From ICT, most frequent reported diseases were ILI (n=255), ARI (n=134) followed by, AWD >5 years (n=63), AWD <5 years (n=47) and Typhoid (n=11).
- During this week, a sharp rise in trend observed for ILI whereas for LRTI >5 years remains same.
- Two cases of Mumps and 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 26, in comparison with pervious weeks, ICT

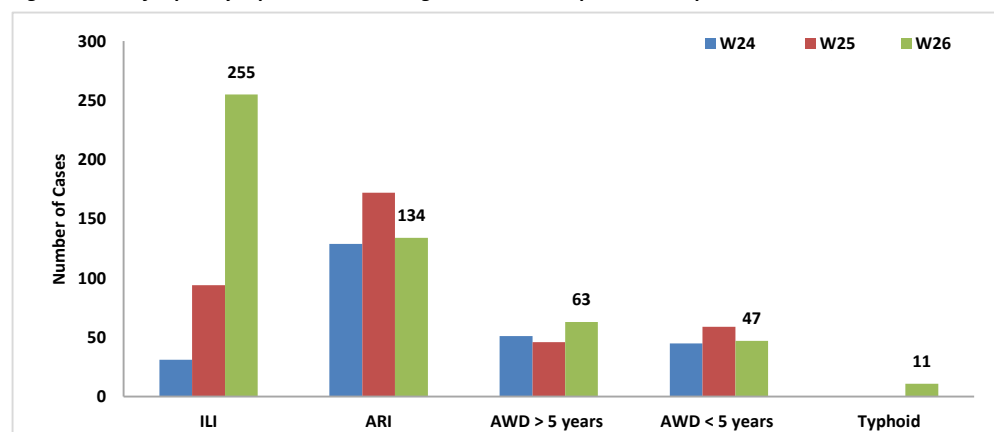


Figure 9: Week wise reported cases of ARI and AWD, ICT

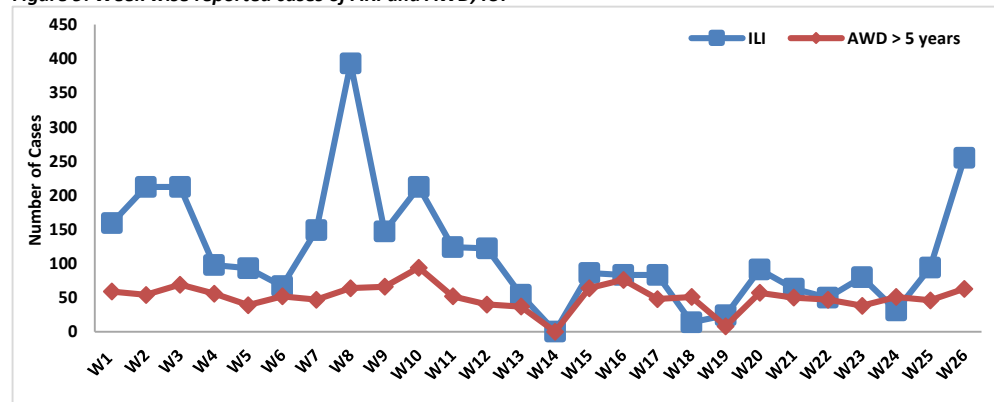


Figure 10: Most frequently reported cases during week 26, in comparison with pervious weeks, GB

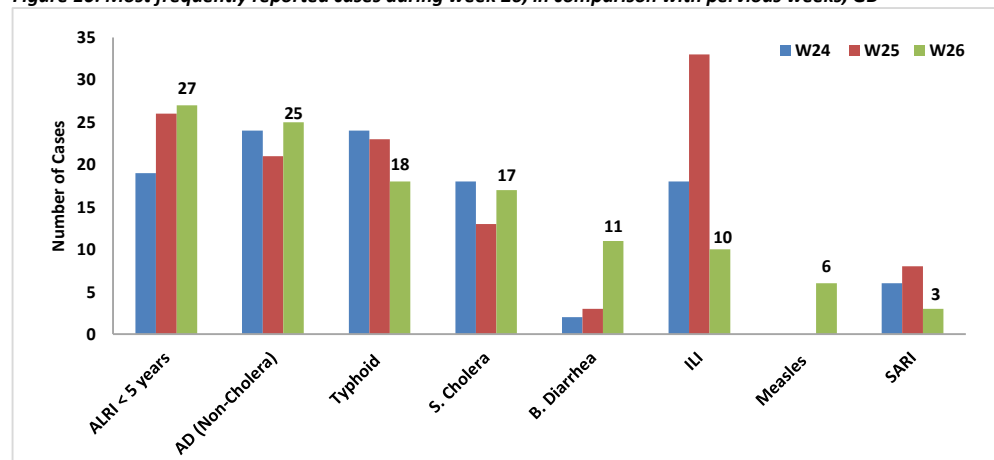


Table 5: District wise distribution of most frequently reported cases during week 26, GB

Diseases	Hunza	Nagar	Total
ALRI < 5 years	20	7	27
AD (Non-Cholera)	12	13	25
Typhoid	7	11	18
S. Cholera	10	7	17
B. Diarrhea	1	10	11
ILI	0	10	10
Measles	0	6	6
SARI	2	1	3
AIDS	0	1	1

Gilgit Baltistan

- From Gilgit Baltistan, maximum cases reported were of ALRI<5 years (n=27), AD (Non-Cholera) (n=25), Typhoid fever (n=18), S. Cholera (n=17), ILI (n=10), Measles (n=06) and SARI (n=03).
- District Hunza reported maximum cases for ALRI <5 years and AD (Non-Cholera).
- District Nagar reported maximum cases for AD (Non-Cholera) and Typhoid.

- Weekly trend shows slight increase in cases of ALRI <5 years and AD (Non-Cholera) as compared to the previous week (WK 25).

Azad Jammu & Kashmir

- In AJK, ARI (n=58), AWD>5 years (n=31), AWD <5 years (13), and Malaria (n=09) remained at maximum.
- Overall weekly cases of AWD >5 years decreased while ARI increased in comparison with the previous week (WK 25).

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

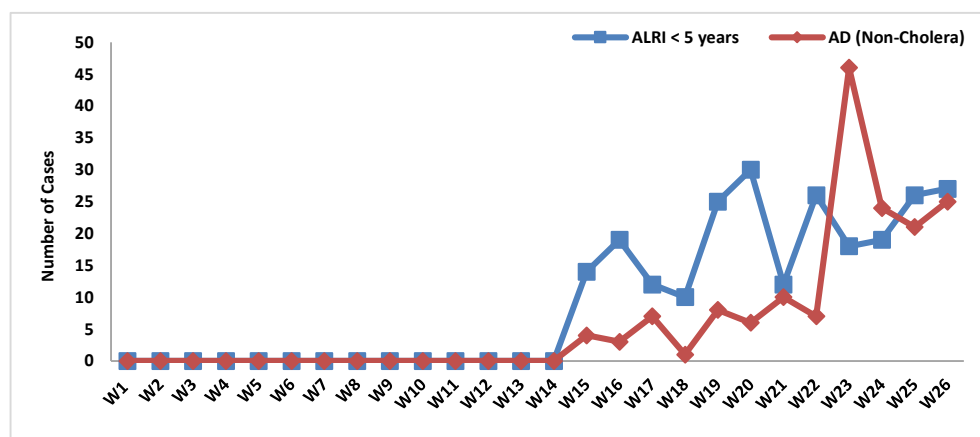


Figure 12: Most frequently reported cases during week 26, in comparison with pervious weeks, AJK

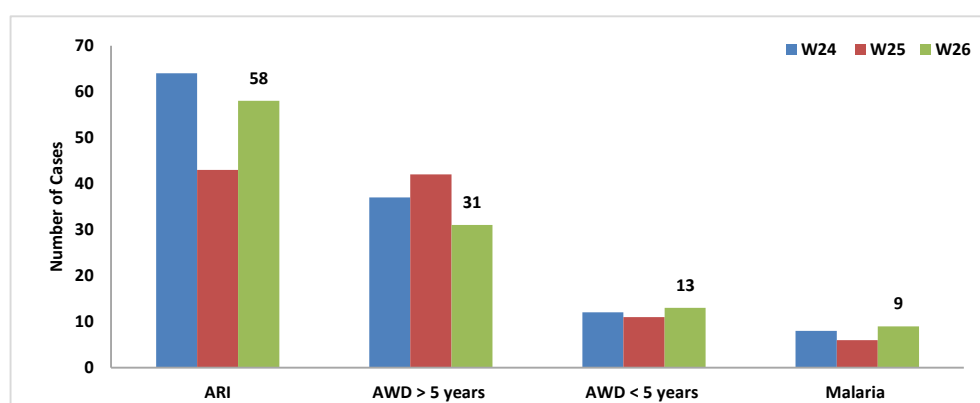
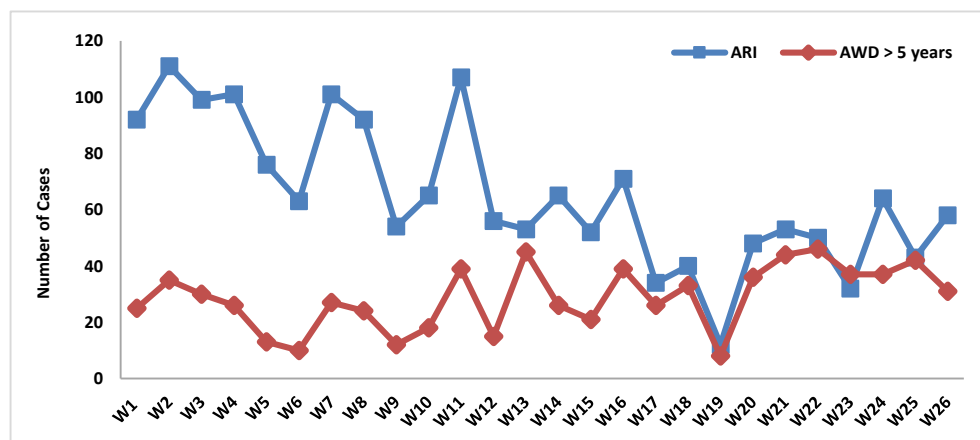


Figure 13: Week wise reported cases of AWD & ARI, AJK



IDSR Participating Districts

- All (100%) health facilities from Kohat and Tharparkar reported data.
- District Gwadar, Karachi East, Naushero Feroze & Umerkot have not reported 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	68(97%)
	Kohat	59/59	59(100%)
Azad Jammu Kashmir	Mirpur	37/37	31 (84%)
Islamabad Capital Territory	Islamabad	23/32	12(52%)
Balochistan	Gwadar	24/24	0 (0%)
	Kech	34/78	21 (62%)
	Khuzdar	19/136	18(95%)
	Killa Abdullah	18/50	15 (83%)
	Lasbella	82/82	81 (99%)
	Pishin	23/118	21 (91%)
	Quetta	22/77	17 (77%)
Gilgit	Hunza	30/30	29 (97%)
	Nagar	22/22	10(45%)
Sindh	Hyderabad	63/63	56 (89%)
	Karachi-East	14/14	0 (0%)
	Karachi-Malir	43/43	29 (67%)
	Ghotki	94/94	57 (61%)
	Umerkot	30/118	0 (0%)
	Naushero Feroze	50/50	0 (0%)
	Tharparkar	50/236	50(100%)
	Shikarpur	21/21	10 (48%)

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