

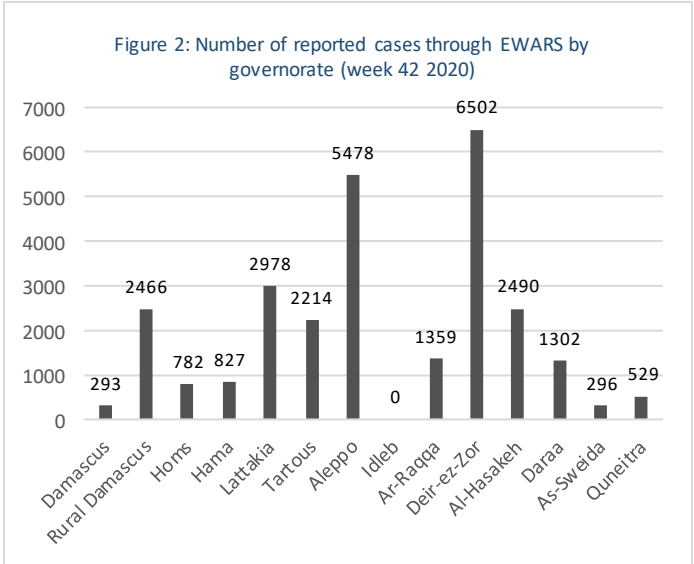
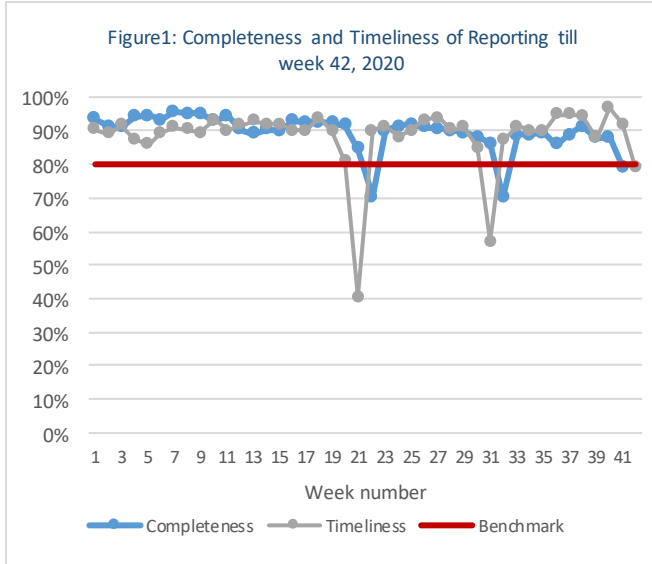


Highlights

- A total of 306,873 consultations were recorded in all the 14 governorates in week 42.
- The leading causes of morbidity among all age groups influenza-like illnesses (58.8%) and acute diarrhea (27.0%).
- 505 suspected COVID-19 were reported through EWARS system in week 42. Most of cases reported in Hama 125 (25%) cases, Rural Damascus 84 (17%), and Homs 83 (16%).
- 2 suspected measles cases were reported during week 42. the blood specimens of the cases were collected and tested at the reference laboratory in Damascus. The laboratory result showed all negative for measles.
- Decrease in SARI cases by 54% to previous week. Number of cases in week 42 was 86 SARI cases.
- On 14th of October, DoH in Rural Damascus was informed of a cluster of cases of acute diarrhea from Al-Moadamieh area in Rural Damascus (about 700 cases). As of 17th of October, approximately 3,323 cases including one death have been reported, predominantly among young children.

Performance Indicators

- A total of 1,172 out of 1,370 active reporting sites (85.5%) in all 14 governorates of Syria reported through EWARS, with 79% timeliness among those sites providing data during week 42 (Figure 1).



Morbidity

- A total of 306,873 consultations were recorded in 1,370 health facilities in 14 governorates in week 42, 2020. Among them, 27,516 cases were EWARS notifiable health conditions (Figure 2).
- Among all age groups, the leading causes of morbidity influenza-like illnesses (ILI) (58.8%), and acute diarrhea (AD) (27.0%).
- Of the 27,516 total reported cases, 50.3% (13,832) were female, and 43.5% (11,964) were children under 5 years old.
- Among children under 5 years of age, 59.3% of cases are ILI, and AD representing 33.1% of the cases during this reporting period (Figure 3).
- 505 suspected COVID-19 cases registered with 6 among children under 5 years of age, and 499 (3.2%) among cases equal or older than 5 years old.

Figure 3: propositional morbidity by age group in week 42, 2020

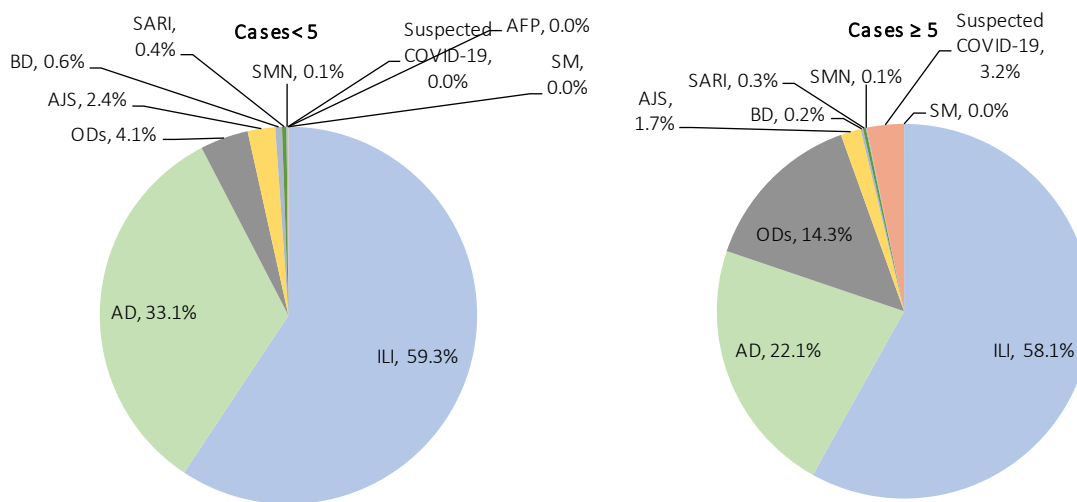
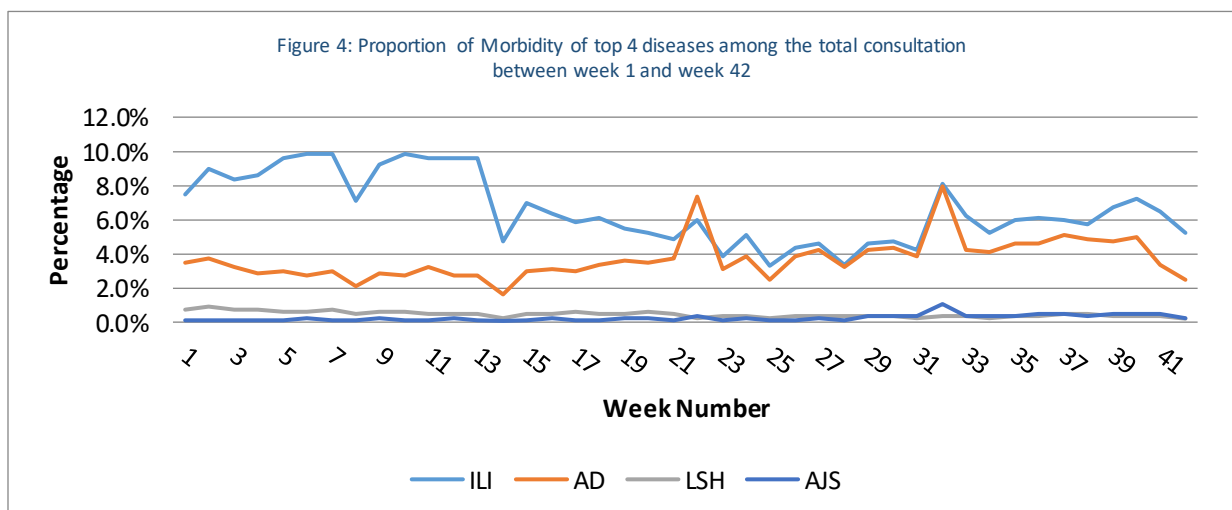
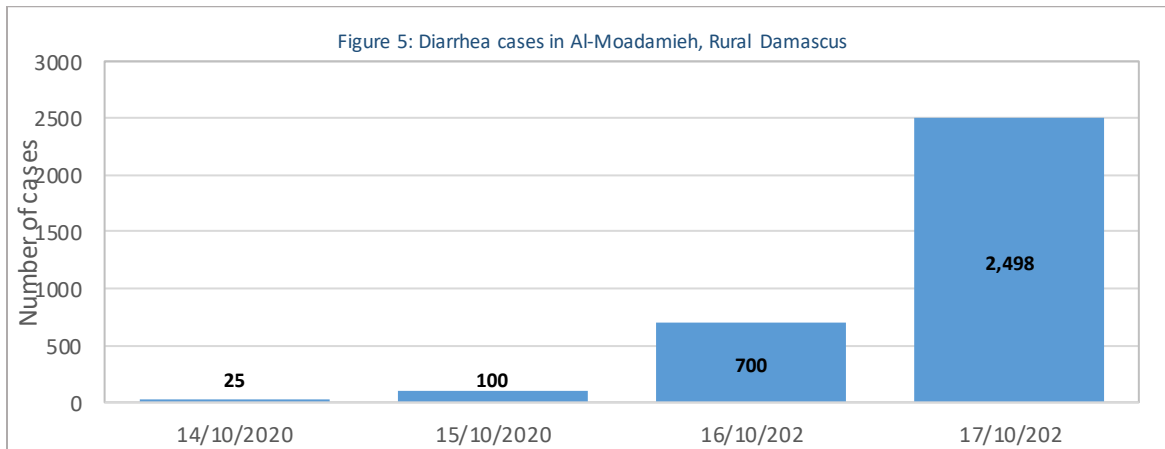


Figure 4: Proportion of Morbidity of top 4 diseases among the total consultation between week 1 and week 42



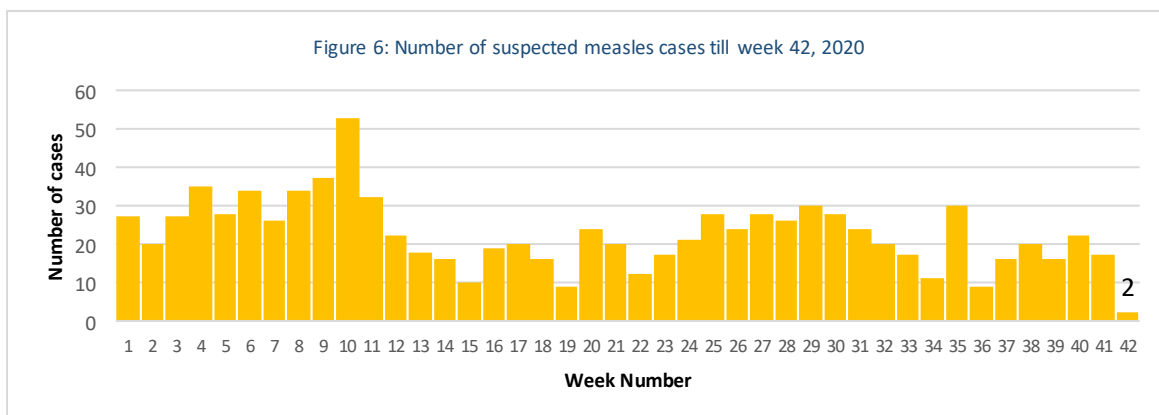
1. Waterborne Diseases

- 0 cases of acute watery diarrhea (AWD) in week 42.
- A total of 7,423 AD cases were reported during week 42.
- On 17th of October, DoH in Rural Damascus was informed of a cluster of cases of acute diarrhea from Al-Moadamieh area in Rural Damascus (about 700 cases). As of 17th of October, approximately 3,323 cases including one death have been reported (Figure 5), predominantly among young children. The deceased case was infant, male, age 4 months and ten days, had severe diarrhea with vomiting and dehydration, the deceased case has two twins who also presented same symptoms and were hospitalized and discharged. Cases have reported acute diarrhea, fever, nausea, vomiting, and Abdominal pain. Most cases have mild and moderate symptoms and 11 cases had dehydration and were admitted to hospitals.



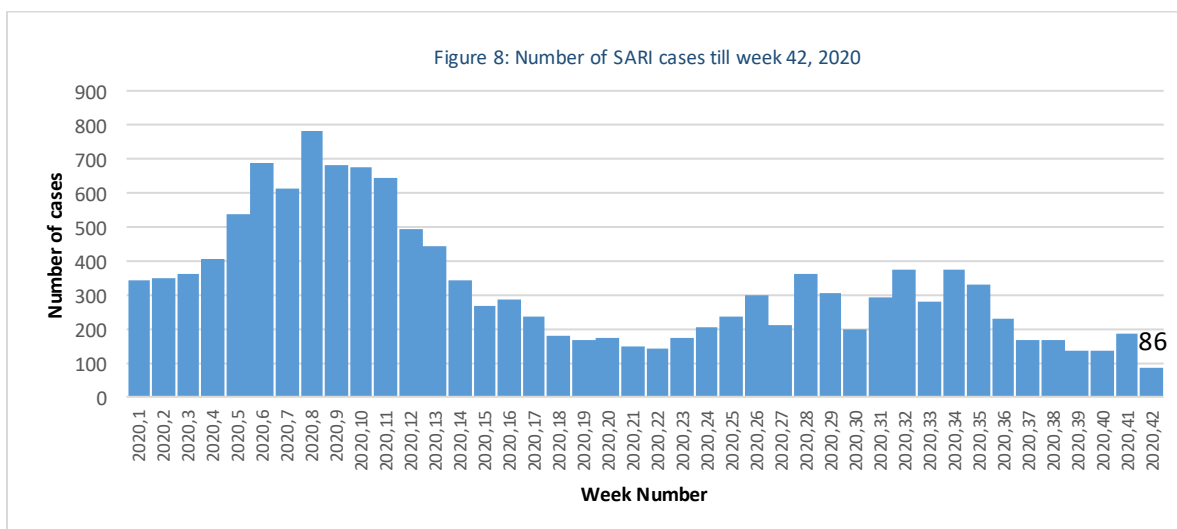
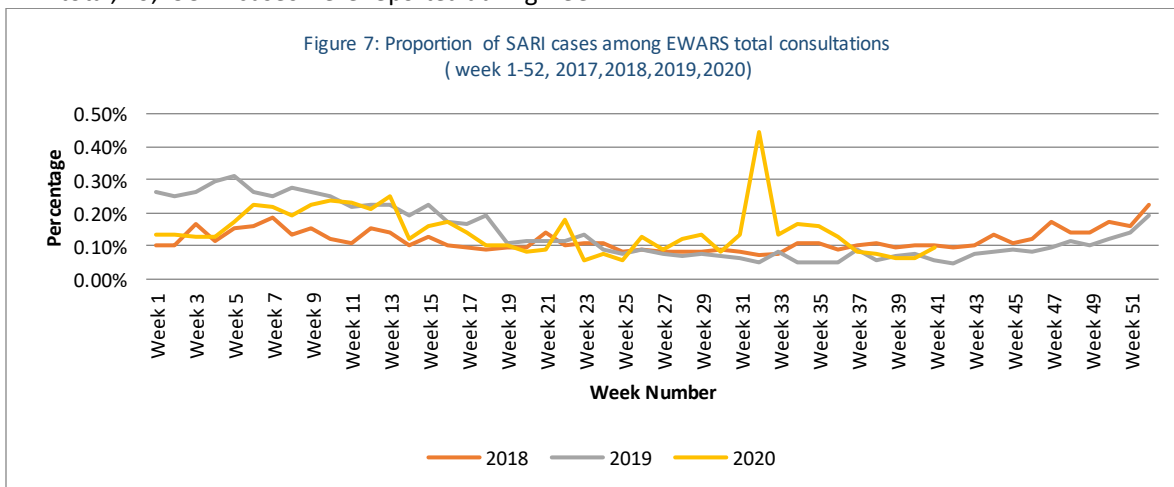
2. Vaccine Preventable Diseases

- 1 case of acute flaccid paralysis (AFP) were reported in week 42
- Number of suspected measles in week 42 was (2) cases. The two cases are from Rural Damascus. figure 6 shows decrease of measles cases in week 42.



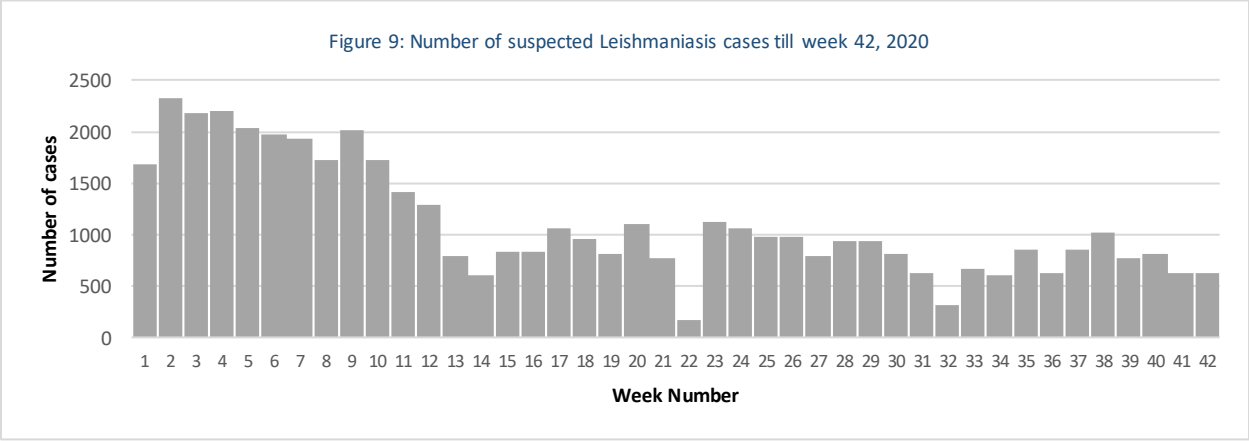
3. Respiratory Diseases

- In total, 86 SARI cases were reported during week 42 Figure 7 shows comparison of proportion of SARI cases among EWARS total consultations, the chart shows a decrease in week 42 (Figure 7 and 8)
- In total, 16,193 ILI cases were reported during week 42.



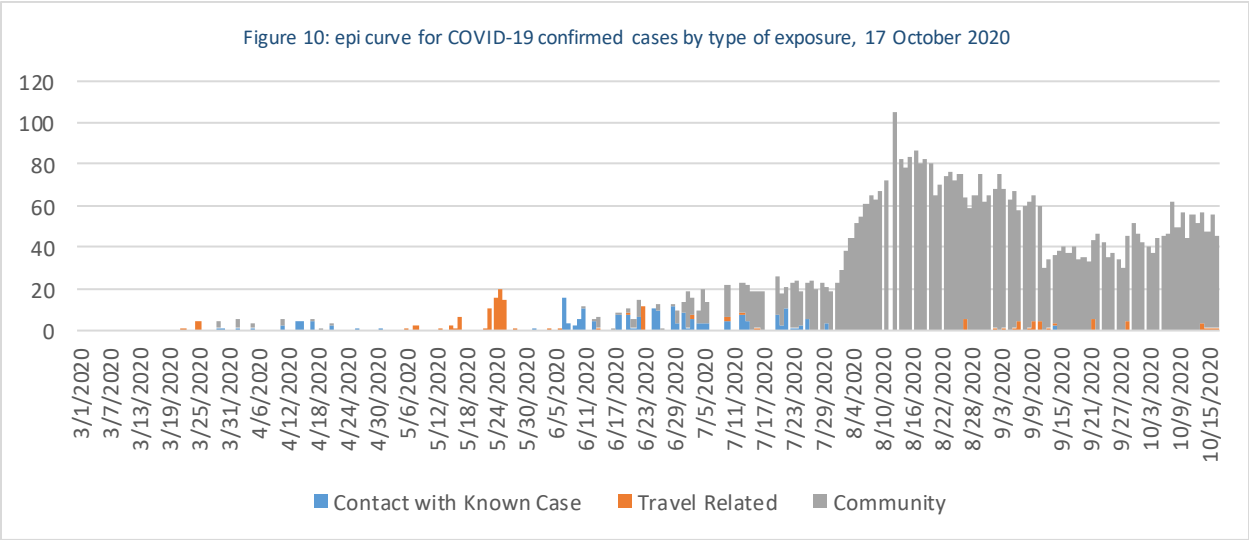
4. Other Diseases

- 2,729 cases were reported as “other diseases” through EWARS. The health conditions with the highest incidents were lice (901), leishmaniasis (624), and scabies (323).
- During week 42, most of suspected leishmaniasis cases were reported from Aleppo (44%), Deir-ez-Zor (38%), and Hama (10%)



COVID-19

During the week 42 MoH reported 360 confirmed COVID-19 cases in Syria including 24 deceased cases through the COVID-19 surveillance. As of 17 October, 5033 cases reported in 13 governorates. cases distributed as follows: 1562 (31%) in Damascus, 1194 (32.7%) in Aleppo, 470 (9.3%) in Lattakia, 499 (9.9%) in Rural Damascus, 536 (10.6%) in Homs, 157 (3.1%) in As-Sweida, 159 (3.2%) in Hama, 203 (4%) in Tartous, 109 (2.2%) in Dar'a, 87 (1.7%) in Quneitra, 35 (0.7%) in Al-Hasakeh, 15 (0.3%) in Deir-ez-Zor, and 7 (0.1%) in Ar-Raqqa. Number of deaths related to COVID-19 is 245 in 11 governorates, CFR 4.9%. 147 cases (2.9%) are travel related cases, 205 cases (4.1%) are contacts of confirmed cases, and 4681 cases (93%) are community. (Figure 10).



Public Health Response Actions

COVID-19

WHO continues to provide needed support for the Rapid response teams (RRTs) to undertake investigation and response of COVID-19 alerts by facilitating the transportation of RRTs, samples collection and transporting to designated laboratory in 5 governorates. During the reporting period more than 1656 suspected COVID-19 cases were investigated properly within 24 hours, in addition WHO supported the transporting of 225 specimens of COVID-19 suspected cases to the central laboratories in four governorates.

Diarrhea outbreak in Al-Moadamieh, Rural Damascus

- DoH Rapid Response team was deployed on Thursday 15 of October 2020, and 5 water samples were collected and sent to Central Public Health Laboratory. The results indicated coliform and E.coli contamination in all samples and no chlorine residual were found in all samples.
- The provision of water was cut temporarily by water institution to solve the problem and many water trucks were mobilized for providing potable water for the residents of Moadamia.
- The water institution has replaced the water source and added high concentration of chlorine in the water network
- aquatabs were distributed on household and messages were provided to keep water taps open for at least 15 minutes before using the water.
- On 18 October 5 samples from water network were collected to check the water quality after the disinfection of the pipes of the network and increasing the concentration of chlorine. Again, the lab results showed incompatible results in two samples.
- DoH has issued risk communication messages to the villagers on pre cautions for drinking water.
- Rural Damascus governorate has established multisectoral committee consists of health sector, water authority, and environmental sector, this committee will conduct further investigation to identify the source of contamination.
- DoH deployed three mobile clinics and activate the provision of health services 24 hours through the health center of Almoadamieh.

Suspected measles

A total of 2 suspected measles cases were reported during week 42. All the cases were investigated by rapid response teams of the health directorates. The blood specimens from 10 suspected cases were collected and tested for IgM ELISA at the reference laboratory in Damascus. the lab results showed negative results for measles for all cases.

Comparison with Previous Week by Health Condition

Disease	Week 41	Week 42
Acute diarrhea (AD)	6310	7423
Bloody diarrhea (BD)	45	101
Acute watery diarrhea (AWD)	3	0
Acute jaundice syndrome (AJS)	804	554
Influenza like illness (ILI)	12228	16193
Acute flaccid paralysis (AFP)	0	1
Suspected measles (SM)	17	2
Suspected meningitis (SMN)	48	23
Typhoid fever (TYF)	152	306
Brucellosis (BRU)	94	112
Suspected tuberculosis (TB)	27	18
Severe acute respiratory infection (SARI)	185	86
Suspected pertussis (PER)	55	42
suspected leishmaniasis (LSH)	615	624
Suspected chickenpox (CHP)	97	74
Scabies (SCA)	240	323
Lice (LIC)	986	901
Suspected mumps (MUM)	53	20
COVID-19	796	505
Others	112	208
Total	22867	27516

Case Distribution by Age Group, and by Governorate

Week 42, 2020

		Idleb	Al-Hasakeh	Ar-Raqqa	As-Sweida	Quneitra	Lattakia	Aleppo	Hama	Homs	Dar'a	Damascus	Deir-ez-Zor	Rural Damascus	Tartous	Total
Acute diarrhoea (AD)	<5	0	554	334	26	38	227	682	162	116	112	75	1318	217	117	3978
	≥5	0	427	200	28	69	357	593	160	90	197	75	738	280	231	3445
Bloody diarrhoea (BD)	<5	0	6	8	0	0	0	2	1	0	3	1	48	0	0	69
	≥5	0	7	13	0	0	0	0	0	0	7	0	5	0	0	32
Acute watery diarrhoea (AWD)	<5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	≥5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute jaundice syndrome (AJS)	<5	0	10	111	0	1	9	13	1	2	3	0	119	2	13	284
	≥5	0	14	95	6	3	9	23	12	10	21	2	34	8	33	270
Influenza like illness (ILI)	<5	0	522	289	55	172	1131	1380	77	184	261	52	1888	650	478	7139
	≥5	0	792	272	144	227	780	2133	130	211	465	75	1437	1122	1266	9054
Acute flaccid paralysis (AFP)	<5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	≥5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suspected measles (SM)	<5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	≥5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Suspected meningitis (SMN)	<5	0	2	8	0	0	0	2	0	0	0	0	0	0	0	12
	≥5	0	0	7	0	0	0	1	1	0	1	0	0	1	0	11
Severe acute respiratory infection (SARI)	<5	0	19	0	0	0	0	2	16	0	0	0	2	0	7	46
	≥5	0	5	0	3	0	1	10	5	10	0	0	1	0	5	40
Typhoid fever (TYF)	<5	0	0	1	0	0	0	0	0	1	0	0	16	2	0	20
	≥5	0	3	4	0	1	0	3	12	1	33	0	223	5	1	286
Brucellosis (BRU)	<5	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2
	≥5	0	1	3	0	0	0	11	22	2	9	7	30	25	0	110
Suspected tuberculosis (TB)	<5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	≥5	0	0	0	0	0	0	8	2	0	0	1	1	5	0	17
Suspected pertussis (PER)	<5	0	0	1	0	0	0	1	0	0	0	0	19	0	0	21
	≥5	0	0	0	0	0	0	0	0	0	0	0	21	0	0	21
suspected leishmaniasis (LSH)	<5	0	3	0	0	0	0	49	11	0	0	0	78	0	0	141
	≥5	0	28	1	0	1	4	225	52	1	1	0	160	4	6	483
Suspected chickenpox (CHP)	<5	0	0	2	1	1	0	2	0	1	1	0	19	4	1	32
	≥5	0	3	5	1	2	12	7	3	0	1	1	5	2	0	42

Scabies (SCA)	<5	0	8	0	0	0	1	6	1	4	0	0	28	2	1	51
	≥5	0	16	1	1	4	5	100	3	12	4	0	115	7	4	272
Lice (LIC)	<5	0	5	2	2	0	9	34	2	1	1	0	25	0	0	81
	≥5	0	10	0	1	0	417	99	26	10	135	0	107	12	3	820
Suspected mumps (MUM)	<5	0	0	0	0	0	0	4	0	0	0	0	7	0	0	11
	≥5	0	3	1	0	0	0	0	1	0	0	0	4	0	0	9
Suspected COVID-19	<5	0	0	0	0	0	0	2	1	2	0	0	0	1	0	6
	≥5	0	19	0	28	6	0	76	124	81	24	4	11	83	43	499
Others	<5	0	13	0	0	1	5	0	2	9	3	0	30	3	2	68
	≥5	0	19	0	0	3	11	9	0	34	20	0	12	29	3	140
Total of <5		0	1143	757	84	213	1382	2180	274	320	384	128	3598	882	619	11964
Total of ≥5		0	1347	602	212	316	1596	3298	553	462	918	165	2904	1584	1595	15552
Grand total		0	2490	1359	296	529	2978	5478	827	782	1302	293	6502	2466	2214	27516