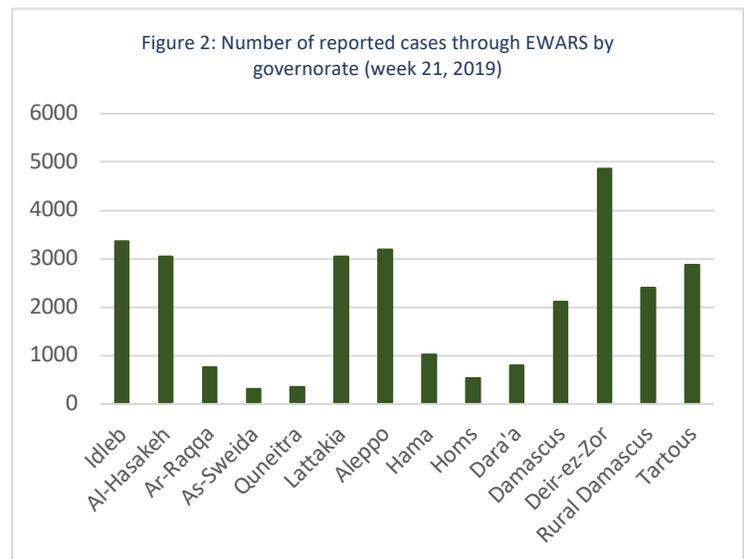
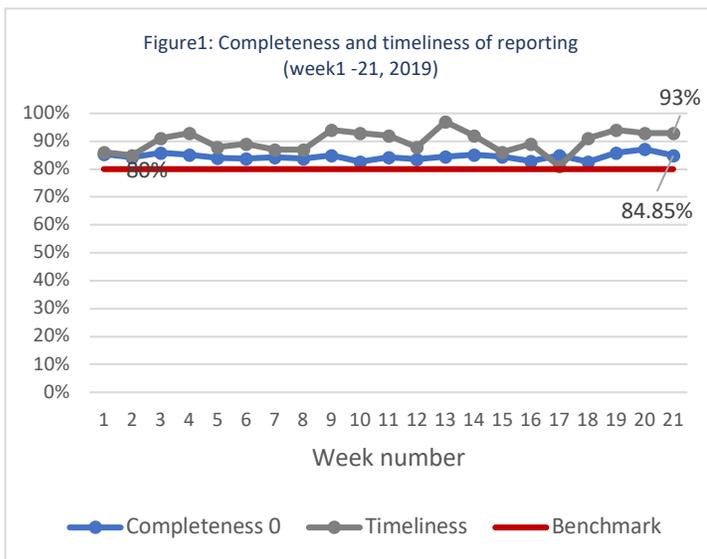


Highlights

- A total of 218 561 consultations were recorded in the 14 governorates in week 21.
- The leading causes of morbidity among all age groups were influenza-like illnesses (52.7%) and acute diarrhea (32.4%).
- There has been an increase trend of acute diarrrhea in the past three weeks.
- 36 suspected measles cases were reported during week 21. The blood specimens from 31 suspected cases were collected and tested for IgM ELISA at the reference laboratory in Damascus. All cases tested negative for measles.
- In total, four acute flaccid paralysis cases were reported from Hama (2), Homs (1) and Tartous. The stool samples were collected and transported to the polio reference laboratory in Damascus. All samples tested were negative for poliomyelitis.

Performance Indicators

- A total of 1103 out of 1300 active reporting sites (84.9%) in the 14 governorates of Syria reported through EWARS, with 93.0% timeliness among those sites providing data during week 21 (Figure 1).

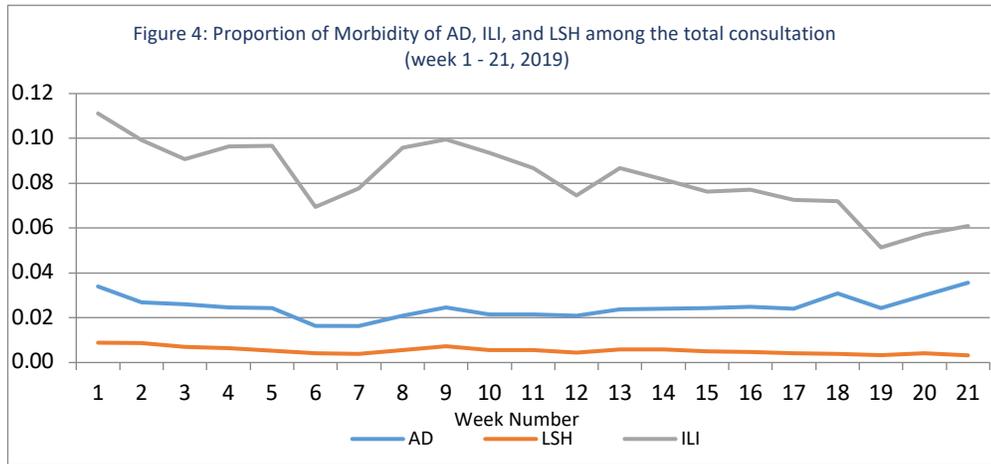
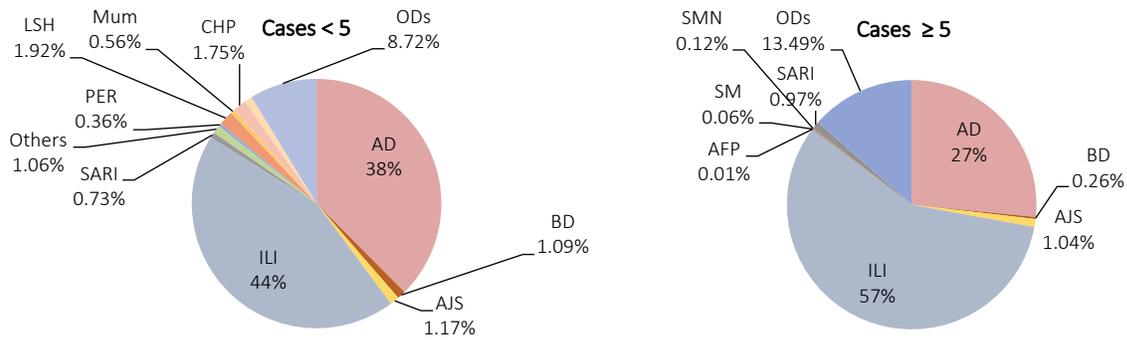


Morbidity

1. Proportional Morbidity

- A total of 218 561 consultations were recorded in 1103 health facilities in 14 governorates in week 21, 2019 (Figure 2). Among them, 28 693 cases were EWARS notifiable health conditions.
- Among all age groups, the leading causes of morbidity remained influenza-like illnesses (ILI) (52.7%) and acute diarrhea (AD) (32.4%).
- Of the 28 963 total reported cases, 49.6% (14 232) were female and 43.3% (12 415) were children under 5 years old.
- Among children under 5 years of age, 44.1% of cases are ILI, and AD representing 37.6% of the cases during this reporting period (Figure 3).

Figure3: Proportional morbidity by age group in week 21, 2019

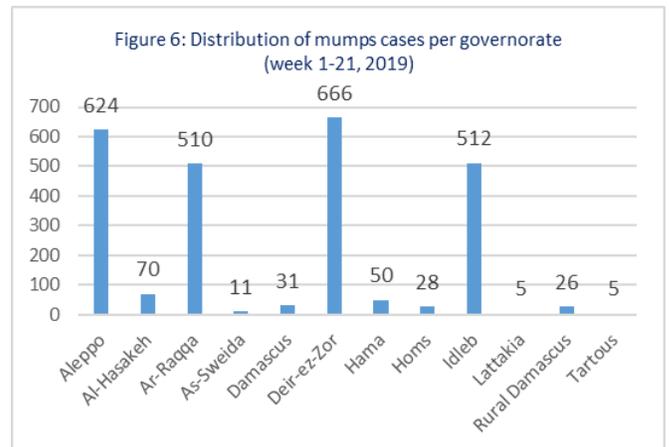
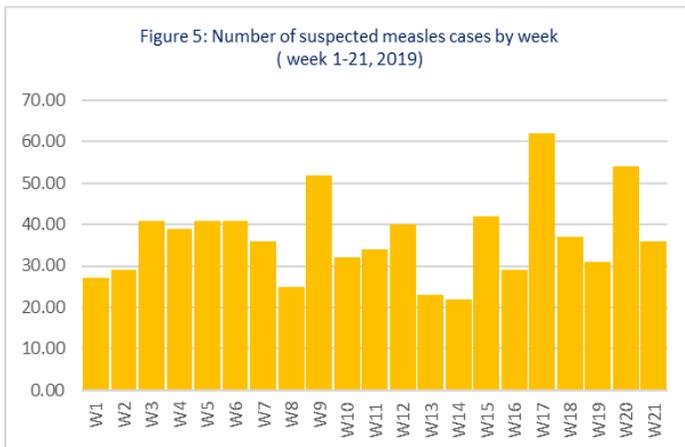


2. Waterborne Diseases

- There were zero reported cases of acute watery diarrhea (AWD) in week 21.

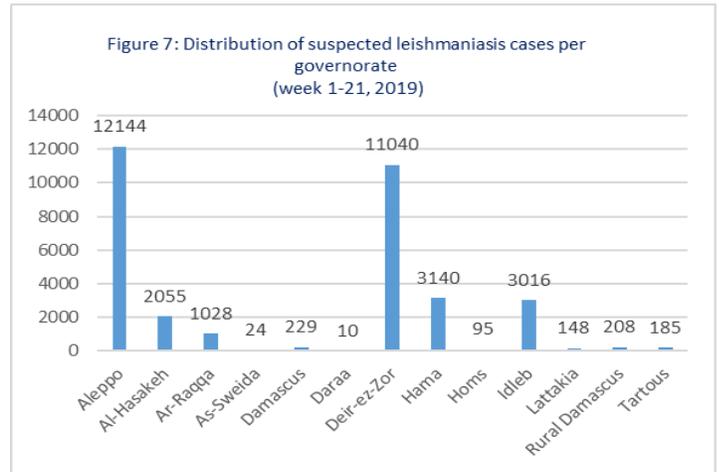
3. Vaccine Preventable Diseases

- There were four cases of acute flaccid paralysis (AFP), two cases from Hama, one case from Homs and one case from Tartous.
- There were 36 cases of suspected measles (SM) reported during week 21. In total, 738 suspected measles cases have been reported so far, most cases were reported from Deir-ez-Zor, Ar-Raqqa, and Idleb (Figure 5).
- 174 cases of suspected mumps reported during the reporting period. 56.8% of the suspected mumps cases were children under 5 years old. The majority of the cases were reported from Idleb, Deir-ez-Zor and Raqqa (Figure 6).



4. Other Diseases

- 3425 cases were reported as “other diseases” through EWARS. The health conditions with the highest incidents were leishmaniasis (900), lice (530), and scabies (340).
- There was a decrease in the suspected leishmaniasis cases by 32.8% compared to 1339 cases in the previous week. Aleppo accounts for 31.6% (285) of the reported cases in the country during this reporting period.



Public Health Response Actions

Acute flaccid paralysis

A total of four AFP cases were reported during week 21, and all of the stool samples were collected and tested at the polio reference laboratory in Damascus. The laboratory results are pending.

Suspected measles

A total of 36 suspected measles cases were reported during week 21 from nine governorates, and all cases were investigated by rapid response teams of the health directorates, with the exception of cases reported from Idleb governorate where access is limited. The blood specimens of 31 suspected cases were collected and tested for IgM ELISA at the reference laboratory in Damascus. All cases tested negative for measles. From week 1 to week 21 of 2019, there was a total of 12 confirmed measles cases: four cases from Homs, two cases from each of Rural Damascus, Latakia, Aleppo. and one case for each from Al-Hasakeh, and Damascus.

Comparison with Previous Week by Health Condition

Disease	Week 20	Week 21
Acute diarrhea (AD)	9 294	9 287
Bloody diarrhea (BD)	210	188
Acute watery diarrhea (AWD)	0	0
Acute jaundice syndrome (AJS)	366	323
Influenza like illness (ILI)	16 682	15 130
Acute flaccid paralysis (AFP)	5	4
Suspected measles (SM)	47	36
Suspected meningitis (SMN)	47	46
Typhoid fever (TYF)	321	304
Brucellosis (BRU)	334	366
Suspected tuberculosis (TB)	22	15
Severe acute respiratory infection (SARI)	306	254
Suspected pertussis (PER)	131	67
suspected leishmaniasis (LSH)	1 339	900
Suspected chickenpox (CHP)	416	374
Scabies (SCA)	492	340
Lice (LIC)	518	530
Suspected mumps (MUM)	146	174
Others	340	355
Total	31 016	28 693

Case Distribution by Age Group, and by Governorate

Week 21, 2019

		Idleb	Al-Hasakeh	Ar-Raqqa	As-Sweida	Quneitra	Lattakia	Aleppo	Hama	Homs	Dar'a	Damascus	Deir-ez-Zor	Rural Damascus	Tartouss	Total
Acute diarrhoea (AD)	< 5	722	766	329	49	44	261	589	312	106	180	460	897	181	113	5 009
	≥ 5	623	534	83	52	41	360	455	149	85	134	479	818	260	205	4 278
Bloody diarrhoea (BD)	< 5	0	61	21	0	0	0	0	1	0	5	1	56	0	1	146
	≥ 5	0	22	1	0	0	0	0	0	0	0	3	12	2	2	42
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	32	12	29	0	0	12	8	2	0	5	7	49	0	0	156
	≥ 5	32	11	11	1	4	15	7	16	11	12	4	26	9	8	167
Influenza like illness (ILI)	< 5	738	607	63	52	73	862	583	112	94	126	393	879	641	658	5881
	≥ 5	629	722	130	133	164	1 391	1 033	134	127	246	644	957	1 154	1 785	9249
Acute flaccid paralysis (AFP)	< 5	0	0	0	0	0	0	0	2	0	0	0	0	0	1	3
	≥ 5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Suspected measles (SM)	< 5	0	6	8	1	0	1	6	0	0	0	2	1	1	0	26
	≥ 5	5	2	0	0	0	0	2	0	0	0	0	0	1	0	10
Suspected meningitis (SMN)	< 5	0	1	1	2	0	0	1	6	0	0	0	12	0	3	26
	≥ 5	3	0	1	1	0	0	1	6	0	0	1	4	0	3	20
Severe acute respiratory infection (SARI)	< 5	0	8	0	0	0	4	4	23	0	0	25	11	0	23	98
	≥ 5	2	8	0	8	0	10	2	19	0	0	34	7	0	66	156
Typhoid fever (TYF)	< 5	14	3	1	0	0	0	2	1	0	3	0	23	5	0	52
	≥ 5	16	14	4	0	1	0	18	11	2	6	0	162	18	0	252
Brucellosis (BRU)	< 5	5	2	0	0	0	0	1	3	1	0	0	24	2	0	38
	≥ 5	10	2	6	0	8	1	26	40	8	37	18	126	46	0	328
Suspected tuberculosis (TB)	< 5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	≥ 5	0	0	0	0	0	0	4	1	0	0	3	3	3	0	14
Suspected pertussis (PER)	< 5	19	0	1	0	0	0	0	0	2	0	0	26	0	0	48
	≥ 5	16	0	0	0	0	0	0	0	1	0	0	2	0	0	19
suspected leishmaniasis (LSH)	< 5	75	23	3	0	0	1	42	10	0	0	1	99	2	0	256
	≥ 5	105	48	12	0	0	5	243	101	5	0	10	108	2	5	644
Suspected chickenpox (CHP)	< 5	180	71	15	0	0	6	285	111	5	0	11	207	4	5	900
	≥ 5	10	12	3	1	2	5	6	5	12	3	1	166	5	2	233
Scabies (SCA)	< 5	9	8	0	0	1	5	9	1	3	2	1	52	2	0	93
	≥ 5	41	10	0	6	2	7	50	16	11	0	6	91	7	0	247
Lice (LIC)	< 5	80	11	0	5	0	10	7	3	0	0	1	15	0	0	132
	≥ 5	120	29	6	5	6	83	54	37	10	1	7	28	12	0	398
Suspected mumps (MUM)	< 5	1	4	12	0	0	0	5	0	1	0	1	50	1	0	75
	≥ 5	26	7	12	0	0	0	19	1	1	0	1	31	1	0	99
Others	< 5	0	41	5	0	2	3	7	2	19	8	0	48	7	0	142
	≥ 5	0	60	21	0	2	5	5	7	15	17	0	41	39	1	213
Total of < 5		1705	1565	476	110	122	1164	1270	483	238	332	893	2409	847	801	12415
Total of ≥ 5		1662	1480	287	207	230	1882	1924	544	295	461	1216	2457	1557	2076	16278
Grand total		3367	3045	763	317	352	3046	3194	1027	533	793	2109	4866	2404	2877	28 693