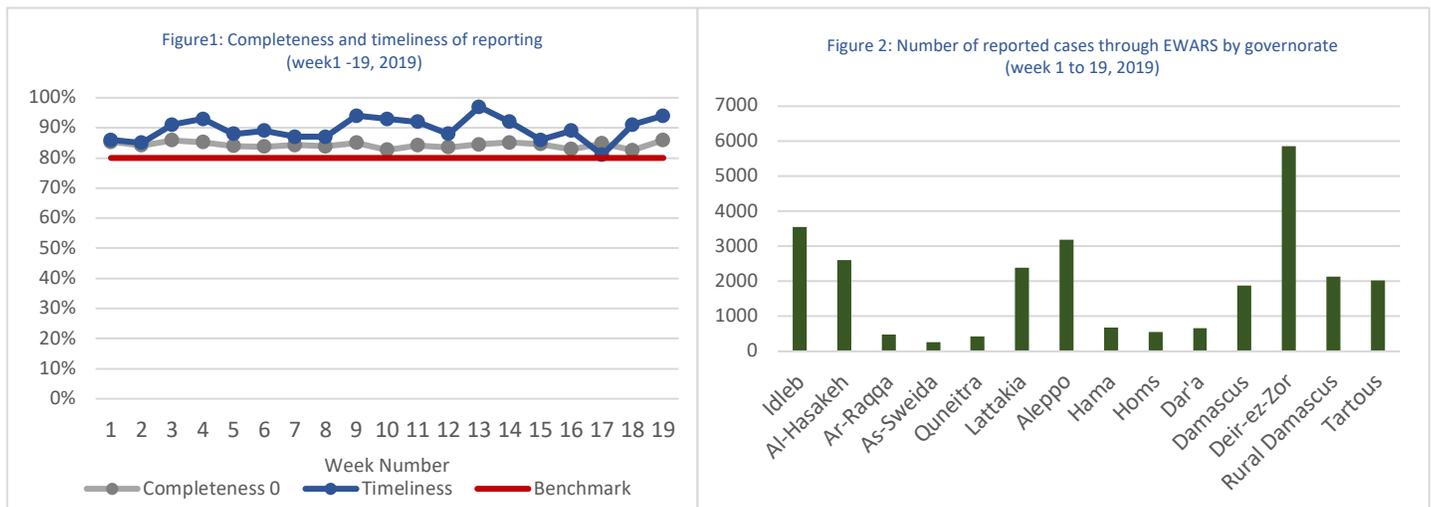


## Highlights

- During epidemiological week 19 of 2019, 1093 out of 1272 active reporting sites (85.9%) in the 14 governorates in Syria provided disease surveillance data through the early warning alert and response system (EWARS) with 94% timeliness among those sites that reported.
- A total of 259 060 consultations were recorded in the 14 governorates in week 19.
- The leading causes of morbidity among all age groups were influenza-like illnesses (56.2%) and acute diarrhea (27.3%).
- In total, 28 suspected measles cases were reported through EWARS; most of them were from Deir-ez-Zor, Ar-Raqqa and Idleb.

## Performance Indicators

- A total of 1093 out of 1272 active reporting sites (85.93%) in the 14 governorates of Syria reported through EWARS, with 94% timeliness among those sites providing data during week 19 (Figure 1). Both reporting timeliness and completeness have shown improvement.



## Morbidity

### 1. Proportional Morbidity

- A total of 259 060 consultations were recorded in 1093 health facilities in 14 governorates in week 19. Among them, 26 751 cases were EWARS notifiable health conditions (Figure 2).
- Among all age groups, the leading causes of morbidity remained influenza-like illnesses (ILI) (56.15%) and acute diarrhea (AD) (27.3%).
- Of the 26 751 total reported cases, 50.5% (13 518) were female and 43.5% (11 645) were children under 5 years old.
- Among children under 5 years of age, 53% of cases were ILI and, with AD representing 33% of the cases during this reporting period (Figure 3).
- There has been an upward trend of AD due to the increase in temperature during the summer season (Figure 4).

Figure3: Proportional morbidity by age group in week 19, 2019

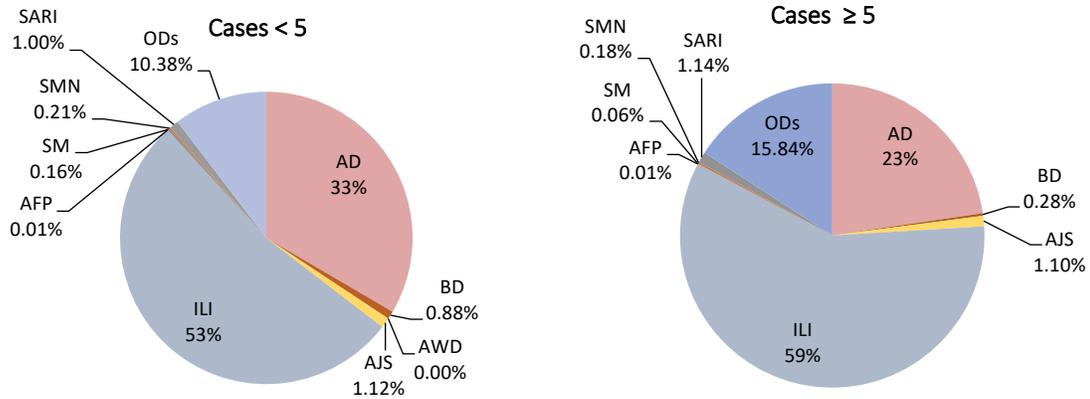
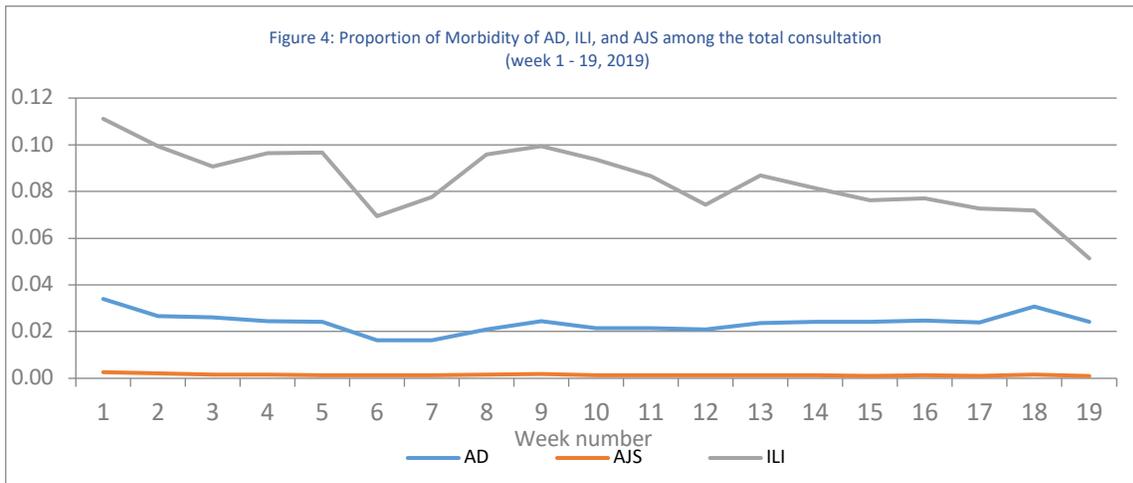


Figure 4: Proportion of Morbidity of AD, ILI, and AJS among the total consultation (week 1 - 19, 2019)



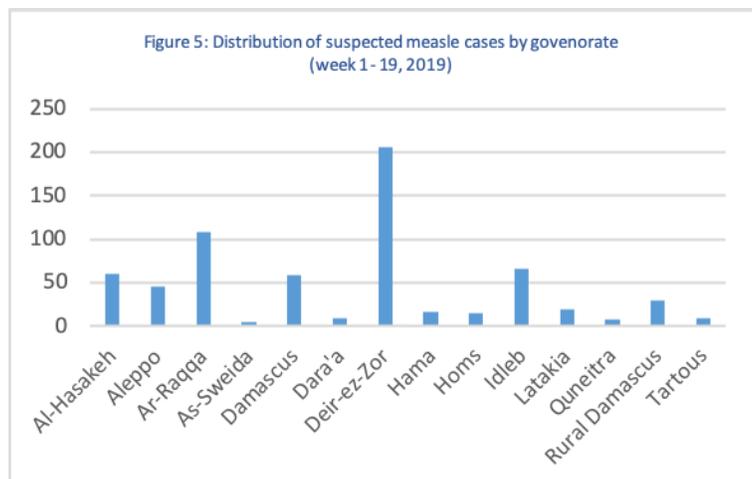
## 2. Waterborne Diseases

- There were zero reported cases of acute watery diarrhea (AWD) in week 19.

## 3. Vaccine Preventable Diseases

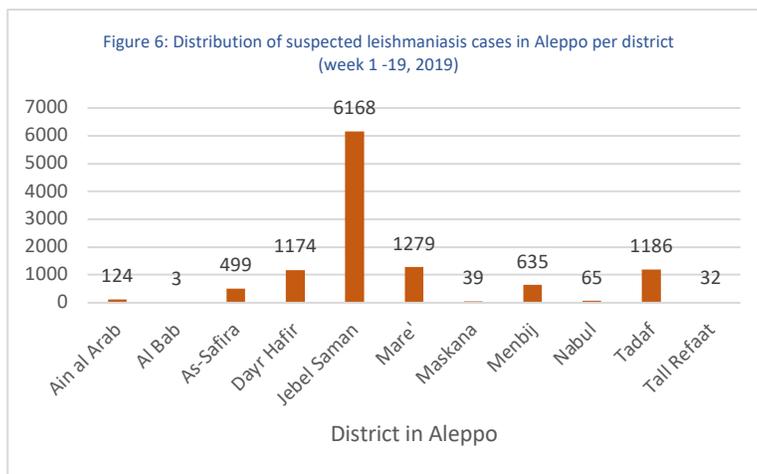
- There were 3 cases of acute flaccid paralysis (AFP), one from Al-Hasakeh, and two cases from Tartous.
- There were 28 cases of suspected measles (SM) reported during week 19. A total of 655 suspected measles cases have been reported so far, with most cases were reported from Deir-ez-Zor, Ar-Raqqa, and Idleb (Figure 5).
- 149 cases of suspected mumps were reported during the reporting period. 57.1% of the suspected mumps cases were children under 5 years old. The majority of the cases were reported from Deir-ez-Zor, Aleppo, and Idleb.

Figure 5: Distribution of suspected measles cases by governorate (week 1-19, 2019)



#### 4. Other Diseases

- 3602 cases were reported as “other diseases” through EWARS. The health conditions with the highest incidents were leishmaniasis (1070), lice (526), and scabies (493).
- There was a slight decrease of suspected leishmaniasis cases compared to the 1211 cases in the previous week. Aleppo accounted for 39.1 % (419) of the reported cases in the country. In Aleppo, the districts with high prevalence of leishmaniasis are Jabal Saman, Mare', and Tadaf (Figure 5).



### Public Health Response Actions

#### Acute flaccid paralysis

A total of three AFP cases were reported during week 19, and all of the stool samples were collected and tested at the polio reference laboratory in Damascus. The laboratory results are pending.

#### Leishmaniasis response in Aleppo

To control the spread of leishmaniasis cases in Aleppo, WHO supports DoH in Aleppo in implementation of vector control activities. The activities include indoor residual spraying (IRS) is to be conducted in the priority neighborhoods/areas where the prevalence of leishmaniasis exceeds 1%. The spraying is usually carried out once a year between June and October based of sand-fly (vector of leishmaniasis) breeding season. The campaign is planned to be implemented from 26 May to 26 September 2019.

### Comparison with Previous Week by Health Condition

Disease	Week 18	Week 19
Acute diarrhea (AD)	6 491	7 315
Bloody diarrhea (BD)	103	145
Acute watery diarrhea (AWD)	0	0
Acute jaundice syndrome (AJS)	376	296
Influenza like illness (ILI)	14 653	15 022
Acute flaccid paralysis (AFP)	3	2
Suspected measles (SM)	37	28
Suspected meningitis (SMN)	54	52
Severe acute respiratory infection (SARI)	352	289
Typhoid fever (TYF)	268	272
Brucellosis (BRU)	277	285
Suspected tuberculosis (TB)	23	25
Suspected pertussis (PER)	64	74
suspected leishmaniasis (LSH)	1 211	1 070
Suspected chickenpox (CHP)	322	391
Scabies (SCA)	397	493
Lice (LIC)	400	526
Suspected mumps (MUM)	145	149
Others	391	317
Total	25 567	26 751

# Case Distribution by Age Group, and by Governorate

Week 19, 2019

		Idleb	Al-Hasakeh	Ar-Raqqa	As-Sweida	Quneitra	Lattakia	Aleppo	Hama	Homs	Dar'a	Damascus	Deir-ez-Zor	Rural Damascus	Tartous	Total
Acute diarrhea (AD)	<5	752	497	173	35	39	123	354	177	86	151	369	904	154	78	3 892
	≥5	638	373	86	36	49	236	336	70	70	118	331	813	167	100	3 423
Bloody diarrhea (BD)	<5	0	37	14	0	0	0	0	0	0	3	0	49	0	0	103
	≥5	0	16	6	0	0	0	1	0	0	3	2	10	4	0	42
Acute watery diarrhea (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	30	10	17	0	1	0	3	0	0	5	5	55	4	0	130
	≥5	34	7	12	1	3	2	5	15	3	17	23	33	8	3	166
Influenza like illness (ILI)	<5	831	585	56	54	84	703	672	67	90	147	400	1 326	582	552	6 149
	≥5	677	787	66	111	228	1 197	1 191	98	158	175	631	1 295	1 079	1 180	8 873
Acute flaccid paralysis (AFP)	<5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	≥5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Suspected measles (SM)	<5	0	0	5	0	0	1	1	1	0	1	4	5	0	1	19
	≥5	4	2	0	0	0	0	0	1	1	0	0	1	0	0	9
Suspected meningitis (SMN)	<5	0	1	3	2	0	4	2	5	0	0	2	6	0	0	25
	≥5	3	2	0	1	0	0	1	7	0	1	2	9	0	1	27
Severe acute respiratory infection (SARI)	<5	1	3	0	0	0	9	3	39	0	0	19	15	0	28	117
	≥5	0	2	0	9	0	16	0	28	0	0	54	7	0	56	172
Typhoid fever (TYF)	<5	5	0	1	0	0	0	3	0	0	0	0	34	2	0	45
	≥5	18	3	4	0	0	0	11	8	0	6	0	169	8	0	227
Brucellosis (BRU)	<5	3	1	2	0	1	0	5	1	0	1	1	28	3	0	46
	≥5	14	7	0	0	5	0	18	23	12	11	13	108	28	0	239
Suspected tuberculosis (TB)	<5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	≥5	3	3	0	0	0	1	11	0	0	0	2	2	2	0	24
Suspected pertussis (PER)	<5	18	0	0	0	0	0	3	0	0	1	0	30	0	0	52
	≥5	17	0	0	0	0	0	0	0	0	0	0	5	0	0	22
suspected leishmaniasis (LSH)	<5	77	35	2	0	0	0	64	4	0	0	0	119	2	2	305
	≥5	116	38	5	3	0	1	355	95	1	0	4	134	1	12	765
Suspected chickenpox (CHP)	<5	2	4	2	0	0	1	3	1	2	6	0	202	0	2	225
	≥5	42	6	9	1	2	0	7	0	19	1	5	60	9	5	166
Scabies (SCA)	<5	6	25	0	0	0	0	9	0	18	0	1	91	5	0	155
	≥5	49	36	0	2	4	5	40	16	33	0	9	126	18	0	338
Lice (LIC)	<5	57	46	0	3	0	7	18	1	6	1	2	27	1	0	169
	≥5	129	10	1	5	10	89	38	11	9	8	7	33	7	0	357
Suspected mumps (MUM)	<5	0	4	9	0	0	0	10	0	1	0	0	40	0	0	64
	≥5	25	6	12	0	0	0	20	0	0	0	2	19	1	0	85
Others	<5	0	43	0	0	3	0	10	0	23	4	0	59	5	0	147
	≥5	0	24	0	0	5	0	2	7	30	10	0	48	44	0	170
Total of <5		1 782	1 291	284	94	128	848	1 160	297	226	320	803	2 991	758	663	11 645
Total of ≥5		1 769	1 322	201	169	307	1 547	2 036	379	336	350	1 085	2 872	1 376	1 357	15 106
Grand total		3 551	2 613	485	263	435	2 395	3 196	676	562	670	1 888	5 863	2 134	2 020	26 751