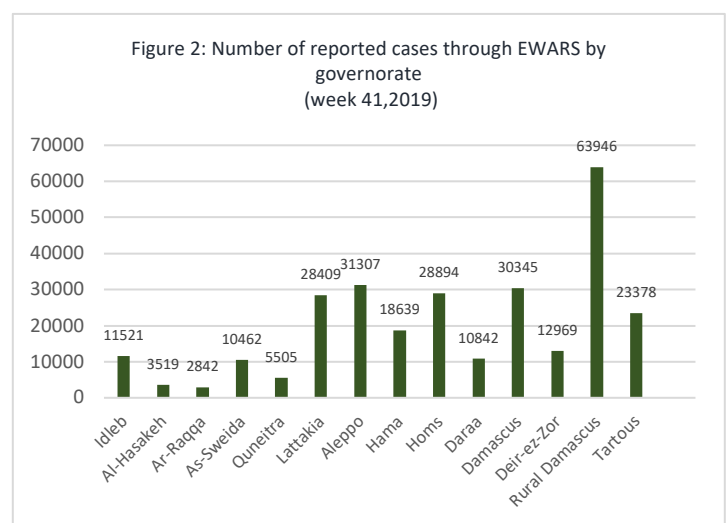
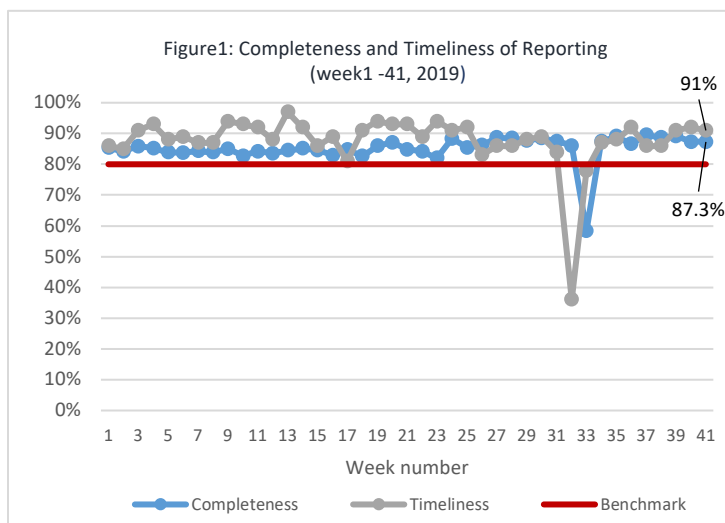


## Highlights

- A total of 282 578 consultations were recorded in all the 14 governorates in week 41.
- The leading causes of morbidity among all age groups were influenza-like illnesses (56.8%) and acute diarrhea (29.1%).
- 32 suspected measles cases were reported during week 41. Among them, the blood specimens of 24 cases were collected and tested at the reference laboratory in Damascus. The laboratory result showed all negative for measles.
- Two acute flaccid paralysis cases were reported in Sweida and Dara'a. The stool samples of both cases were collected and transported to the polio reference laboratory in Damascus. Both samples tested were negative for *poliomyelitis*.

## Performance Indicators

- A total of 1069 out of 1225 active reporting sites (87.3%) in all 14 governorates of Syria reported through EWARS, with 91% timeliness among those sites providing data during week 41 (Figure 1).



## Morbidity

### 1. Proportional Morbidity

- A total of 282 578 consultations were recorded in 1069 health facilities in 14 governorates in week 41, 2019. Among them, 27 501 cases were EWARS notifiable health conditions (Figure 2).
- Among all age groups, the leading causes of morbidity influenza-like illnesses (ILI) (56.8%/15615), and acute diarrhea (AD) (29.2%/8024).
- Of the 282 578 total reported cases, 50.3% (13 821) were female, and 43.5% (11 963) were children under 5 years old.
- Among children under 5 years of age, ILI representing 55.0% and AD represent 32.6% of cases during this reporting period (Figure 3).
- There was a decrease in the trend of ILI to total consultations in week 41.

Figure3: Proportional morbidity by age group in week 41, 2019

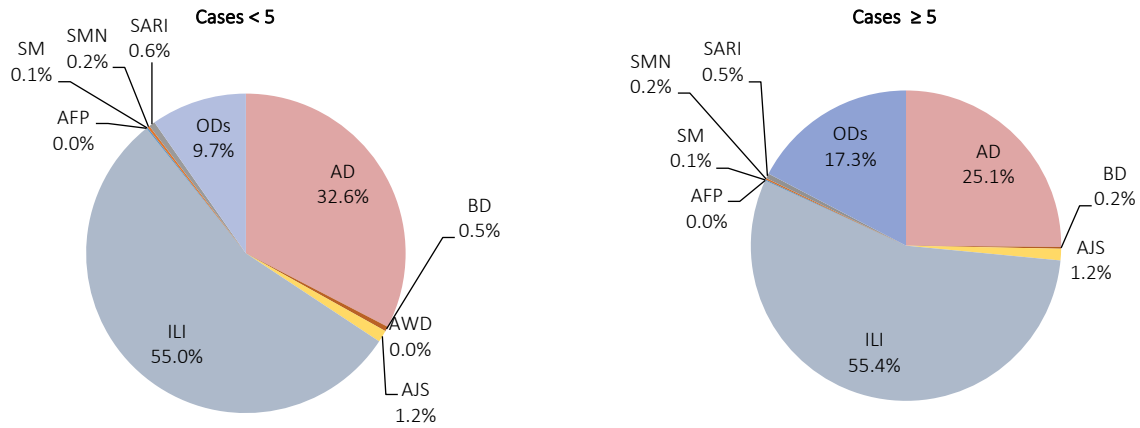
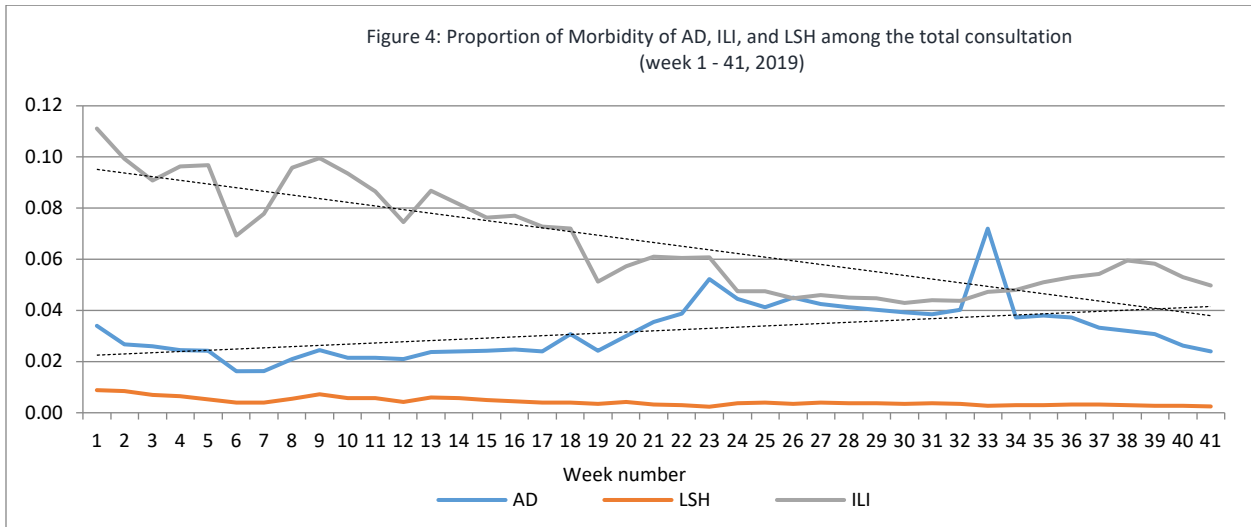


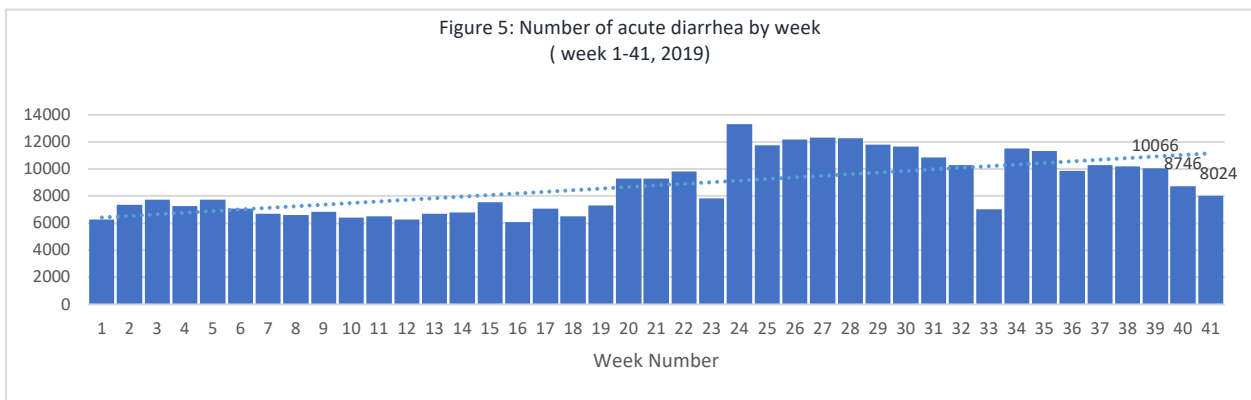
Figure 4: Proportion of Morbidity of AD, ILI, and LSH among the total consultation (week 1 - 41, 2019)



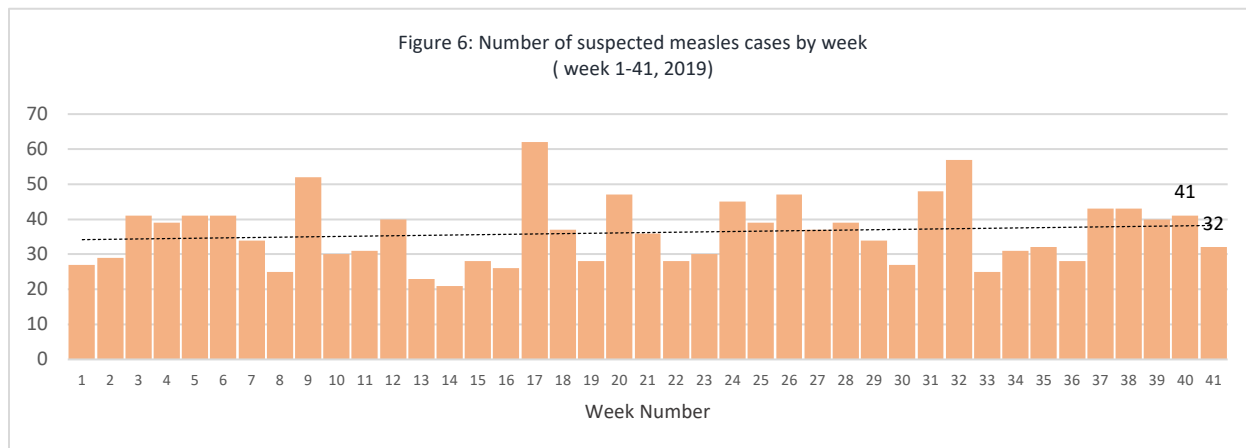
## 2. Waterborne Diseases

- There no case of acute watery diarrhea (AWD) in week 41.
- In total 8024 cases of AD were reported, decreased by 8 % compared to the previous week. A decrease in number of AD by has been observed last three weeks. (Figure 4).

Figure 5: Number of acute diarrhea by week ( week 1-41, 2019)



- Two cases of acute flaccid paralysis (AFP) were reported; each from Dara'a and Sweida.
- Total number of suspected measles in week 41 was 32. 11 cases were reported in Ar-Raqqa, 8 cases in Idlib. During 2019, In total, 1484 suspected measles cases have been reported in 2019, and most cases were reported from Deir-ez-Zor (21.0%), Ar-Raqqa (15.3%), and Idlib (14.6%).



#### 4. Other Diseases

- 3187 cases were reported as “other diseases” through EWARS. The health conditions with the highest incidents were leishmaniasis (750), lice (747), and typhoid (372).

### Public Health Response Actions

#### Acute flaccid paralysis

- Two AFP cases were reported during week 41. The one case was from Sweida (child under 5 years old), and another case was in Dara'a (child above 5 years old). The stool sample from the both cases reported were collected and tested at the polio reference laboratory in Damascus, and the result showed the case were negative for poliomyelitis.
- The National Polio campaign in Syria will be conducted between 13 and 17 October 2019 targeting 2 774 310 children under 5 years of age to receive one dose of bivalent OPV. The campaign will be implemented in 13 governorates except for Idlib due to the insecurity.
- The Emergency Vaccination Campaign in northeastern Syria is scheduled in week 43 which includes all children 0-59 months in Al-Hasakeh, Raqqa and Aleppo governorates

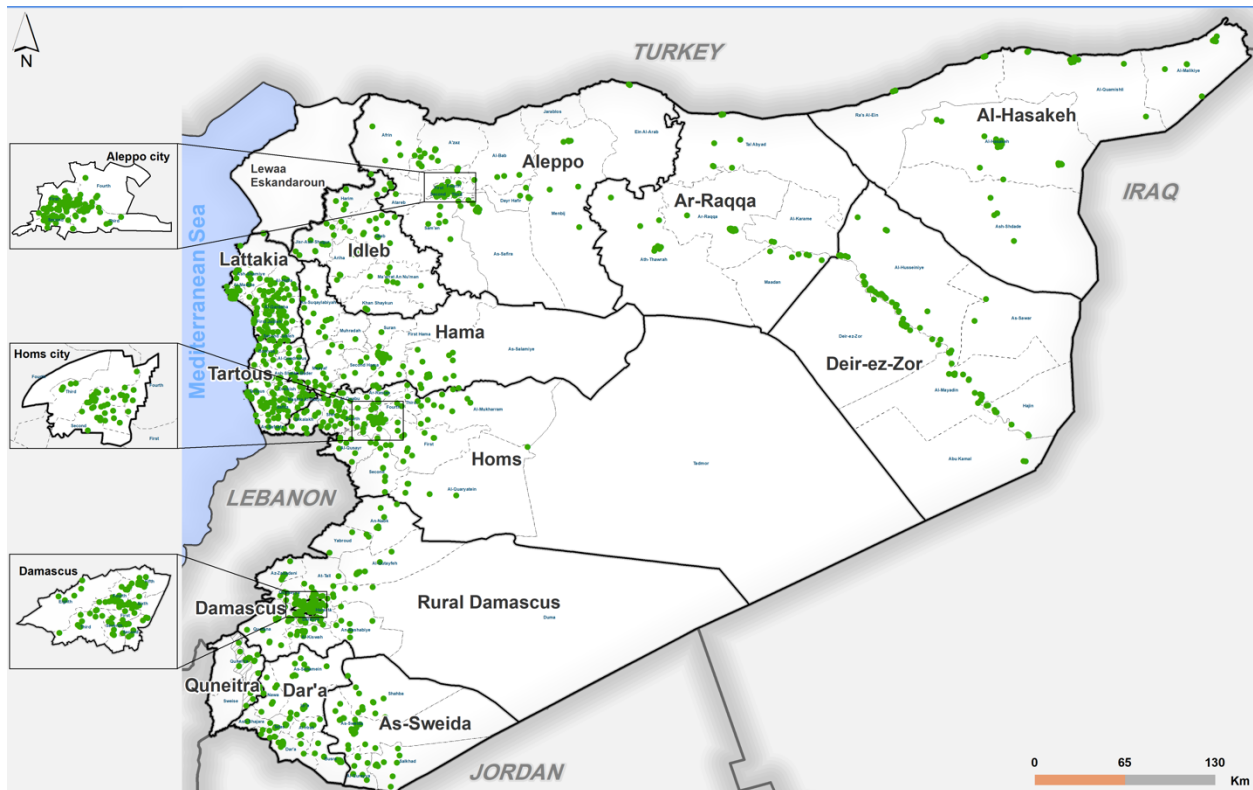
#### Suspected measles

A total of 32 suspected measles cases was reported during week 41. All the cases were investigated by rapid response teams of the health directorates except for the cases reported from Idlib governorate (8 cases) where the access is limited. The blood specimens from suspected cases were collected and tested for IgM ELISA at the reference laboratory in Damascus. The laboratory result showed all the tested 24 samples were negative for measles.

## Comparison with Previous Week by Health Condition

Disease	Week 40	Week 41
Acute diarrhea (AD)	8 746	8 024
Bloody diarrhea (BD)	109	197
Acute watery diarrhea (AWD)	0	0
Acute jaundice syndrome (AJS)	456	340
Influenza like illness (ILI)	16 683	15 615
Acute flaccid paralysis (AFP)	2	2
Suspected measles (SM)	41	31
Suspected meningitis (SMN)	66	55
Typhoid fever (TYF)	377	372
Brucellosis (BRU)	216	287
Suspected tuberculosis (TB)	31	32
Severe acute respiratory infection (SARI)	219	158
Suspected pertussis (PER)	80	57
suspected leishmaniasis (LSH)	844	750
Suspected chickenpox (CHP)	178	191
Scabies (SCA)	349	336
Lice (LIC)	780	747
Suspected mumps (MUM)	111	107
Others	344	308
Total	29 657	27 501

## Map of EWARS sentinel site



# Case Distribution by Age Group, and by Governorate

Week 41, 2019

		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	868	238	111	34	51	126	445	216	123	127	416	937	222	80	3 994
	≥5	803	188	69	37	52	246	494	151	93	195	432	902	199	169	4 030
Bloody diarrhoea (BD)	<5	0	4	8	0	0	0	0	0	1	5	4	37	0	0	59
	≥5	0	3	6	0	0	0	0	0	0	10	6	4	0	0	29
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	43	3	17	0	0	1	6	1	7	11	3	52	3	0	147
	≥5	46	4	5	4	0	10	11	25	19	22	13	19	10	5	193
Influenza like illness (ILI)	<5	532	188	55	70	201	710	1140	107	149	200	371	1702	707	605	6 737
	≥5	481	311	64	139	420	960	1439	93	231	355	649	1383	1097	1256	8 878
Acute flaccid paralysis (AFP)	<5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	≥5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Suspected measles (SM)	<5	0	1	9	0	0	0	0	0	0	1	2	1	1	1	16
	≥5	8	1	2	0	0	1	2	0	0	0	1	0	1	0	16
Suspected meningitis (SMN)	<5	1	1	1	0	0	2	1	8	1	1	2	10	0	1	29
	≥5	10	0	0	0	0	2	1	5	0	0	2	2	1	3	26
Severe acute respiratory infection (SARI)	<5	0	2	2	0	0	3	5	24	0	0	18	5	0	17	76
	≥5	1	2	0	4	0	13	2	8	0	0	21	4	0	27	82
Typhoid fever (TYF)	<5	9	0	2	0	0	0	1	1	1	20	0	9	2	0	45
	≥5	31	5	6	0	1	0	11	7	2	61	0	194	8	1	327
Brucellosis (BRU)	<5	5	1	0	0	0	0	3	1	0	4	0	17	6	0	37
	≥5	10	1	8	1	0	1	28	3	6	20	6	145	21	0	250
Suspected tuberculosis (TB)	<5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	≥5	7	0	0	1	0	1	11	0	0	0	2	8	0	0	30
Suspected pertussis (PER)	<5	20	1	0	0	0	0	1	0	0	0	0	10	0	1	33
	≥5	19	1	0	0	0	0	0	0	0	0	0	4	0	0	24
suspected leishmaniasis (LSH)	<5	97	1	2	0	0	0	51	5	0	0	0	43	0	0	199
	≥5	112	3	10	0	0	3	313	55	3	0	0	36	10	6	551
Suspected chickenpox (CHP)	<5	19	10	0	0	0	0	6	3	2	5	0	72	3	0	120
	≥5	25	8	1	0	2	0	6	4	3	2	0	14	5	1	71
Scabies (SCA)	<5	31	2	0	0	0	2	3	0	3	1	2	62	0	0	106
	≥5	47	0	0	3	1	6	35	6	14	4	13	96	3	2	230
Lice (LIC)	<5	101	0	0	3	0	5	23	10	6	0	3	34	1	0	186
	≥5	179	0	0	5	0	132	69	64	24	0	10	56	19	3	561
Suspected mumps (MUM)	<5	0	2	12	0	0	0	3	0	1	1	0	26	0	0	45
	≥5	22	12	2	0	0	0	3	0	1	0	0	21	0	1	62
Others	<5	0	12	0	0	0	0	8	3	6	6	0	90	2	4	131
	≥5	0	9	0	0	1	4	9	3	10	29	2	75	34	1	177
Total of < 5		1 728	466	219	108	252	849	1696	379	300	382	821	3 107	947	709	11 963
Total of ≥ 5		1 801	548	173	194	477	1 379	2434	424	406	699	1 157	2 963	1 408	1 475	15 538
Grand total		3 529	1 014	392	302	729	2 228	4130	803	706	1 081	1 978	6 070	2 355	2 184	27 501

