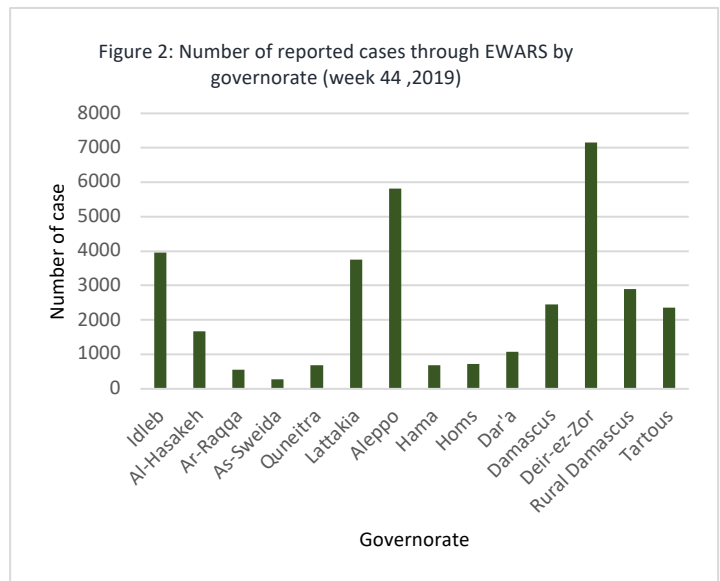
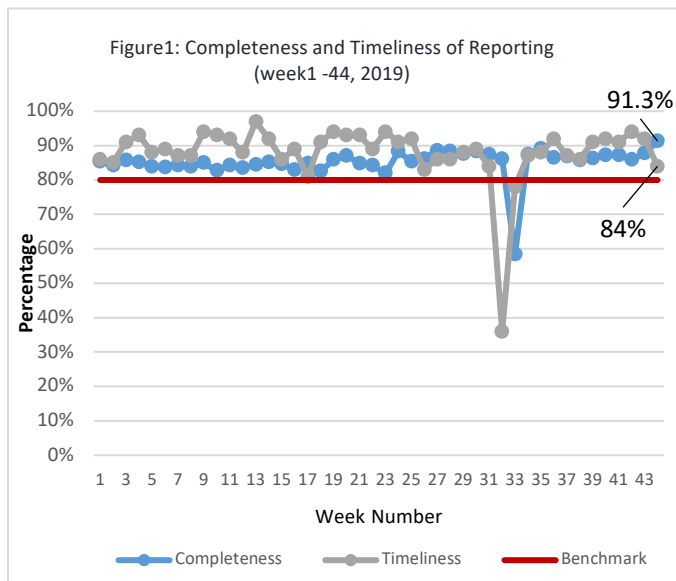


## Highlights

- A total of 253 335 consultations were recorded in all the 14 governorates in week 44.
- The leading causes of morbidity among all age groups were influenza-like illnesses (59.9%) and acute diarrhea (27.2%).
- 55 suspected measles cases were reported during week 44. The blood specimens of 51 cases were collected and tested at the reference laboratory in Damascus. The laboratory result showed all the tested cases were negative for measles.
- Three acute flaccid paralysis cases were reported in week 44, each case from Homs, Damascus and Rural Damascus.

## Performance Indicators

- A total of 1133 out of 1248 active reporting sites (91.3%) in all 14 governorates of Syria reported through EWARS, with 84% timeliness among those sites providing data during week 44 (Figure 1).

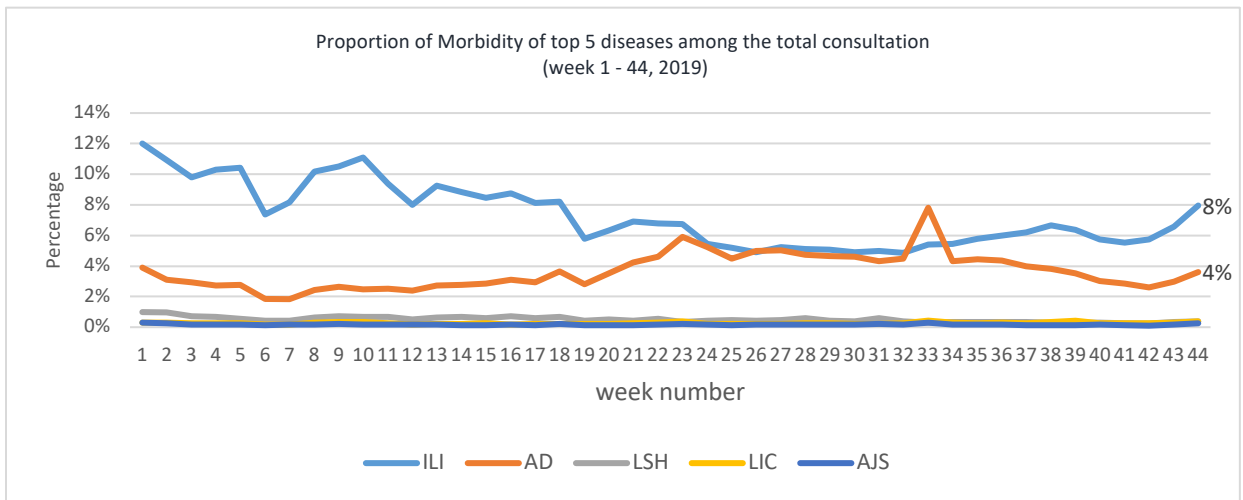
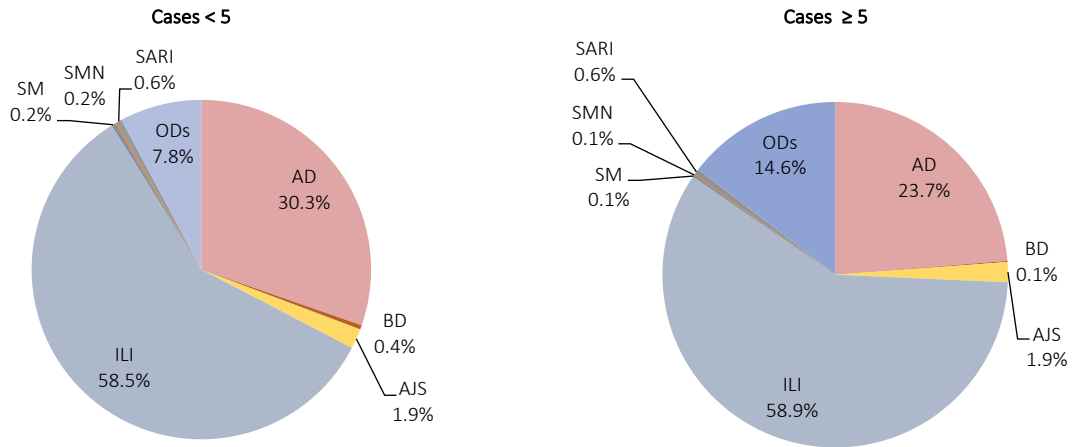


## Morbidity

### 1. Proportional Morbidity

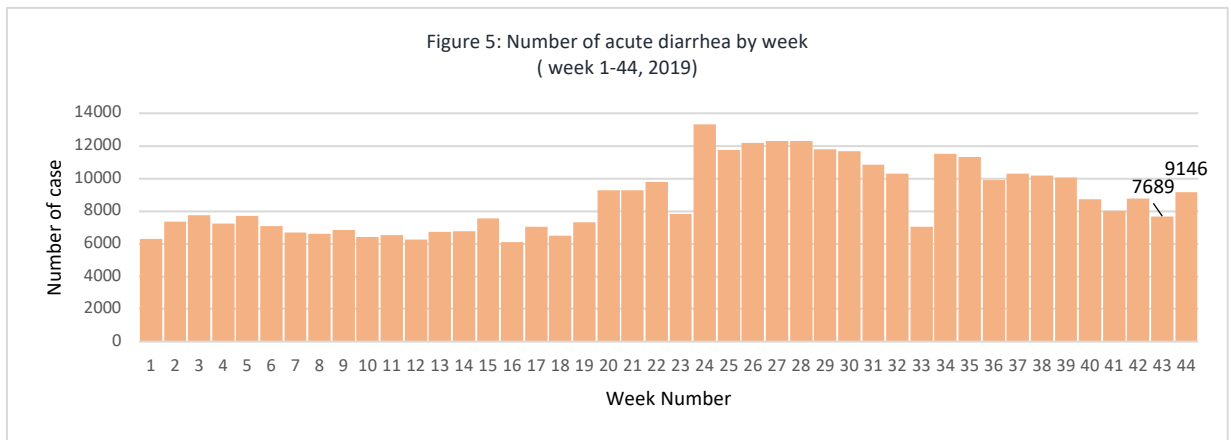
- A total of 253 335 consultations were recorded in 1133 health facilities in 14 governorates in week 44, 2019. Among them, 34 046 cases were EWARS notifiable health conditions (Figure 2).
- Among all age groups, the leading causes of morbidity influenza-like illnesses (ILI) (59.9%), and acute diarrhea (AD) (27.2%).
- Of the 34 046 total reported cases, 50.03% (17 036) were female, and 44.40% (15 117) were children under 5 years old.
- Among children under 5 years of age, ILI representing 58.5% and AD accounts for 30.3% of the cases during this reporting period (Figure 3).
- There was increase in increase in the proportional morbidity of ILI to total consultations in week 44, due to the seasonality.

Figure3: Proportional morbidity by age group in week 44, 2019



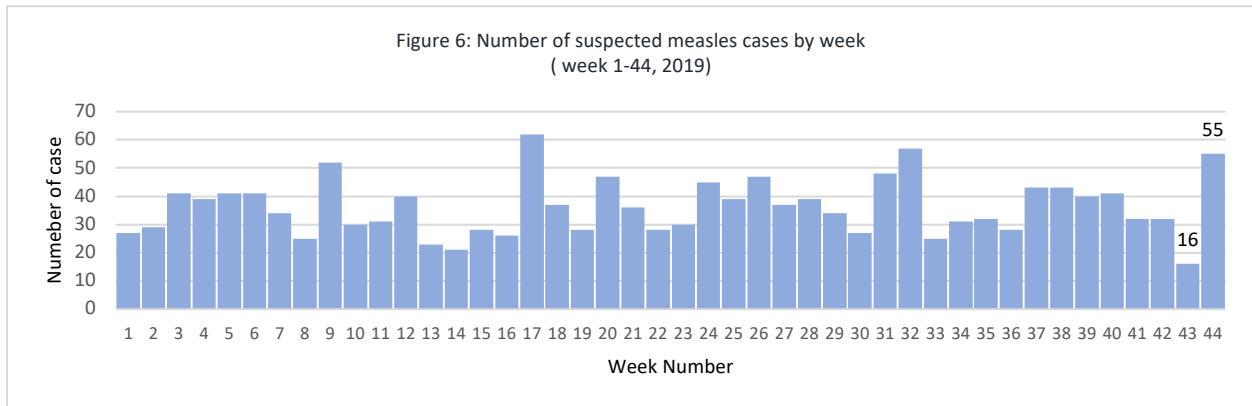
## 2. Waterborne Diseases

- There no case of acute watery diarrhea (AWD) in week 44.
- There was a slight increase in the number of diarrhea in week 44 (Figure 4).



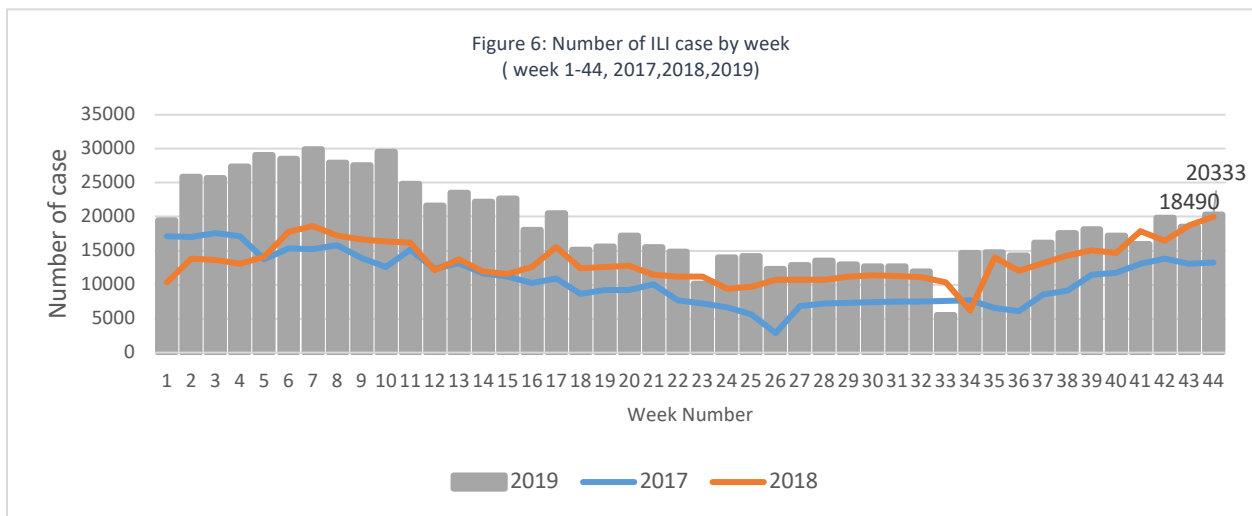
### 3. Vaccine Preventable Diseases

- Three cases of acute flaccid paralysis (AFP) were reported in week 44 from Homs, Damascus, and Rural Damascus.
- A total of 55 suspected measles cases were reported during week 44, which increased by 243.8% by the previous week. The most cases were reported from Deir-ez-Zor (21.1%), Ar-Raqqa (15.9%), and Idleb (14.3%). In 2019, 1587 suspected measles cases have been reported through EWARS, and among them 26 cases were confirmed by serology test.



### 4. Respiratory Diseases

- In total, 20 333 ILI cases were reported during week 44, which increased by 10.0% compared to the previous week.



### 5. Other Diseases

- 3704 cases were reported as “other diseases” through EWARS. The health conditions with the highest incidents were leishmaniasis (995), lice (1011), and suspected typhoid (291).
- An increase of leishmaniasis cases has been observed since week 42. The most of cases were reported from Aleppo 51.5%, Deir-ez-Zor 18.6%, and Idleb 22.3% during week 44.

## Public Health Response Actions

### *Suspected measles*

A total of 55 suspected measles cases was reported during week 44. All the cases were investigated by rapid response teams of the health directorates except for the cases reported from Idleb governorate (4 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 51 samples were negative for measles.

### *Acute flaccid paralysis*

In total, three AFP cases were reported during week 44. The stool samples from all the three cases were collected and tested at the polio reference laboratory in Damascus. The result showed the all cases tested were negative for poliomyelitis.

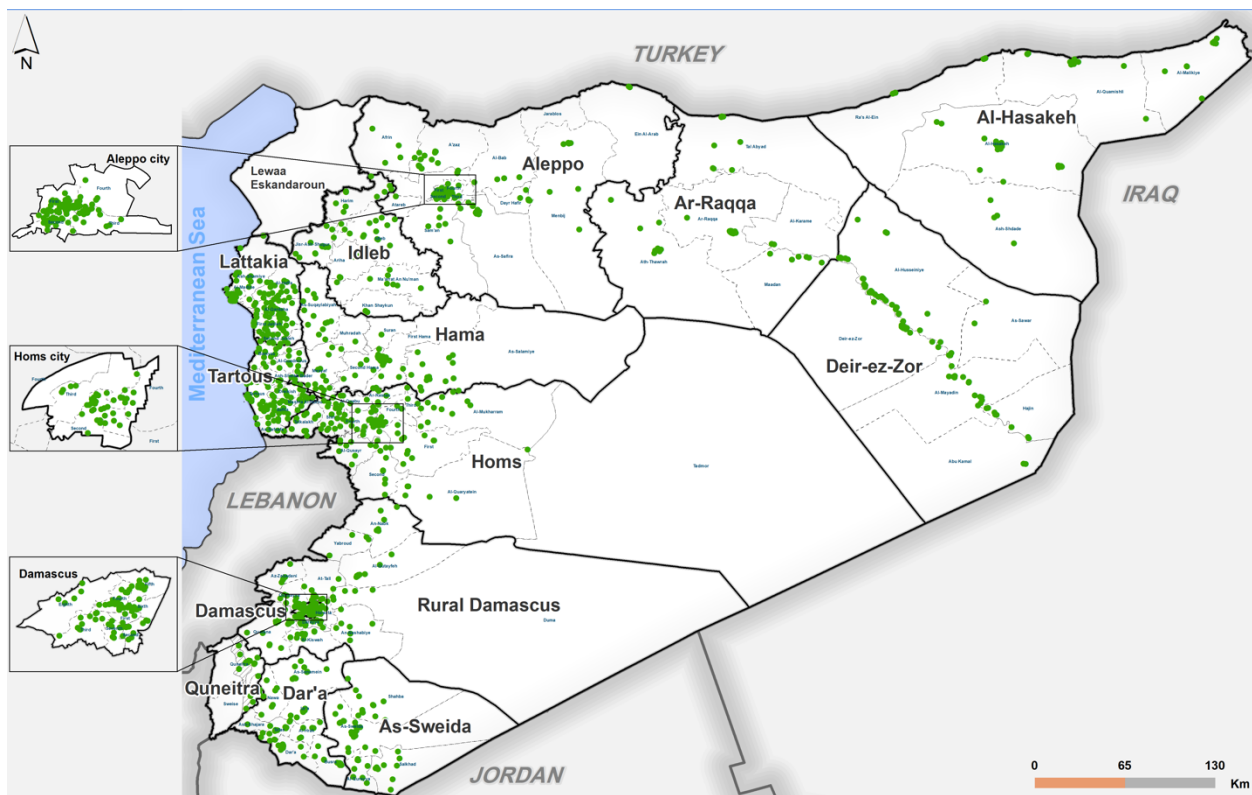
### *Vaccination campaign*

MOH with support of WHO and UNICEF implemented an emergency vaccination campaign in Northeastern Syria between 27 and 31 October, targeting all children 0-59 months in the collective shelters in Hasakeh, Ar-Raqqa and Aleppo governorates. During the campaign, a total of 11 112 children received bivalent oral polio vaccine (bOPV), 6875 children received Inactivated polio vaccine (IPV), and 7098 children received measles vaccine and vitamin A.

## Comparison with Previous Week by Health Condition

Disease	Week 43	Week 44
Acute diarrhea (AD)	7689	9146
Bloody diarrhea (BD)	80	82
Acute watery diarrhea (AWD)	0	0
Acute jaundice syndrome (AJS)	412	647
Influenza like illness (ILI)	17018	20151
Acute flaccid paralysis (AFP)	2	3
Suspected measles (SM)	16	55
Suspected meningitis (SMN)	45	57
Typhoid fever (TYF)	305	291
Brucellosis (BRU)	262	225
Suspected tuberculosis (TB)	20	33
Severe acute respiratory infection (SARI)	204	201
Suspected pertussis (PER)	42	101
suspected leishmaniasis (LSH)	897	995
Suspected chickenpox (CHP)	189	282
Scabies (SCA)	296	406
Lice (LIC)	776	1011
Suspected mumps (MUM)	70	286
Others	306	74

# Map of EWARS sentinel site



		Idleb	Al-Hasakeh	Ar-Raqqa	As-Sweida	Quneitra	Lattakia	Aleppo	Hama	Homs	Dar'a	Damascus	Deir-ez-Zor	Rural Damascus	Tartous	Total
Acute diarrheea (AD)	<5	906	342	168	20	52	326	605	148	88	151	379	1071	260	108	4624
	≥5	840	361	74	36	42	496	509	120	70	129	456	944	251	194	4522
Bloody diarrheea (BD)	<5	0	9	12	0	0	1	0	0	1	4	4	32	0	0	63
	≥5	0	3	6	0	0	0	1	0	0	2	2	5	0	0	19
Acute watery diarrheea (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	46	2	40	0	1	2	15	2	1	10	3	167	1	0	290
	≥5	53	2	21	11	1	20	11	17	6	28	20	154	12	1	357
Influenza like illness (ILI)	<5	627	305	124	85	202	1239	1692	88	190	261	490	1984	883	754	8924
	≥5	610	517	49	105	369	1425	2162	125	292	294	994	1740	1299	1246	11227
Acute flaccid paralysis (AFP)	<5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	≥5	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
Suspected measles (SM)	<5	1	0	14	0	0	0	3	1	0	2	4	8	0	0	33
	≥5	3	0	3	0	0	1	1	0	2	0	0	10	2	0	22
Suspected meningitis (SMN)	<5	4	0	5	0	0	1	1	3	0	1	2	14	1	0	32
	≥5	11	0	0	0	0	0	2	6	0	1	0	3	0	2	25
Severe acute respiratory infection (SARI)	<5	0	8	1	0	1	5	9	32	0	0	17	3	0	18	94
	≥5	1	3	1	7	0	15	0	11	0	0	37	4	0	28	107
Typhoid fever (TYF)	<5	21	0	0	0	0	0	1	0	0	5	0	0	2	0	29
	≥5	32	0	2	0	0	0	3	8	5	39	2	166	5	0	262
Brucellosis (BRU)	<5	16	0	0	0	0	1	1	1	0	1	1	6	3	0	30
	≥5	17	2	0	0	0	1	11	8	1	14	3	120	18	0	195
Suspected tuberculosis (TB)	<5	8	0	0	0	0	0	0	0	0	0	0	2	0	0	10
	≥5	11	2	0	0	0	0	5	0	0	0	1	1	2	1	23
Suspected pertussis (PER)	<5	43	0	3	0	0	1	3	0	0	0	0	18	1	0	69
	≥5	27	0	0	0	0	1	1	0	0	0	0	3	0	0	32
suspected leishmaniasis (LSH)	<5	95	2	1	0	0	2	91	3	0	0	1	59	2	1	257
	≥5	127	2	5	0	0	4	421	37	0	0	5	126	9	2	738
Suspected chickenpox (CHP)	<5	24	24	0	0	1	2	2	4	2	3	3	78	10	0	153
	≥5	35	11	0	0	1	1	9	5	2	24	8	21	12	0	129
Scabies (SCA)	<5	34	2	0	0	0	5	4	0	11	0	0	67	0	0	123
	≥5	64	4	0	2	2	15	42	8	22	2	7	108	5	2	283
Lice (LIC)	<5	98	9	0	2	1	6	54	5	4	4	1	31	27	0	242
	≥5	184	4	0	5	6	173	138	43	5	50	13	65	83	0	769
Suspected mumps (MUM)	<5	1	0	16	0	0	0	2	1	1	0	0	8	2	0	31
	≥5	18	3	2	0	0	2	4	2	1	0	0	10	1	0	43
Others	<5	0	21	0	0	3	3	2	3	8	13	0	58	1	0	112
	≥5	0	30	0	0	4	5	7	2	15	39	0	66	6	0	174
Total of < 5		1 924	724	384	107	261	1 594	2 485	291	307	455	905	3 606	1 193	881	15 117
Total of ≥ 5		2 033	944	163	166	425	2 159	3 327	392	421	622	1549	3 546	1 706	1 476	18 929
Grand total		3 957	1 668	547	273	686	3 753	5 812	683	728	1077	2454	7 152	2 899	2 357	34 046