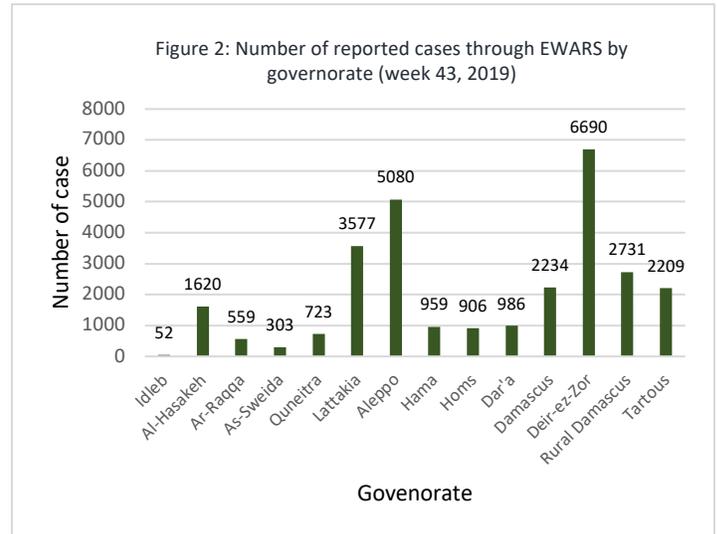
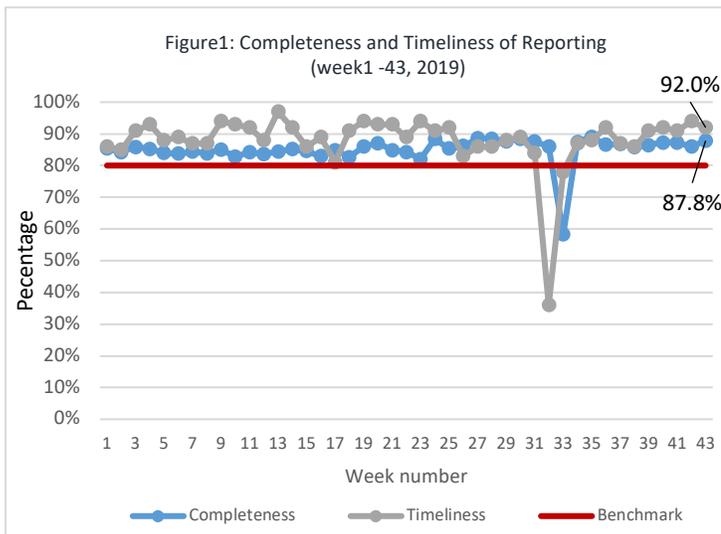


## Highlights

- A total of 259 297 consultations were recorded in all the 14 governorates in week 43.
- The leading causes of morbidity among all age groups were influenza-like illnesses (59.4%) and acute diarrhoea (26.9%).
- 16 suspected measles cases were reported during week 43. The blood specimens of all cases were collected and tested at the reference laboratory in Damascus. The laboratory result showed all cases negative for measles.
- Two acute flaccid paralysis cases were reported in week 43, each from Hama and Deir-ez-Zor.

## Performance Indicators

- A total of 1096 out of 1248 active reporting sites (87.8%) in all 14 governorates of Syria reported through EWARS, with 92% timeliness among those sites providing data during week 43 (Figure 1).



## Morbidity

### 1. Proportional Morbidity

- A total of 259 297 consultations were recorded in 1096 health facilities in 14 governorates in week 43, 2019. Among them, 28 629 cases were EWARS notifiable health conditions (Figure 2).
- Among all age groups, the leading causes of morbidity influenza-like illnesses (ILI) (59.4%), and acute diarrhoea (AD) (26.9%).
- Of the 28 629 total reported cases, 49.5% (14 196) were female, and 42.9% (12 294) were children under 5 years old.
- Among children under 5 years of age, ILI representing 59.9% of the cases and AD accounts for 29.4% of cases during this reporting period (Figure 3).
- There was increase in the trend of ILI to total consultations in week 43 due to the seasonality.

Figure3: Proportional morbidity by age group in week 43, 2019

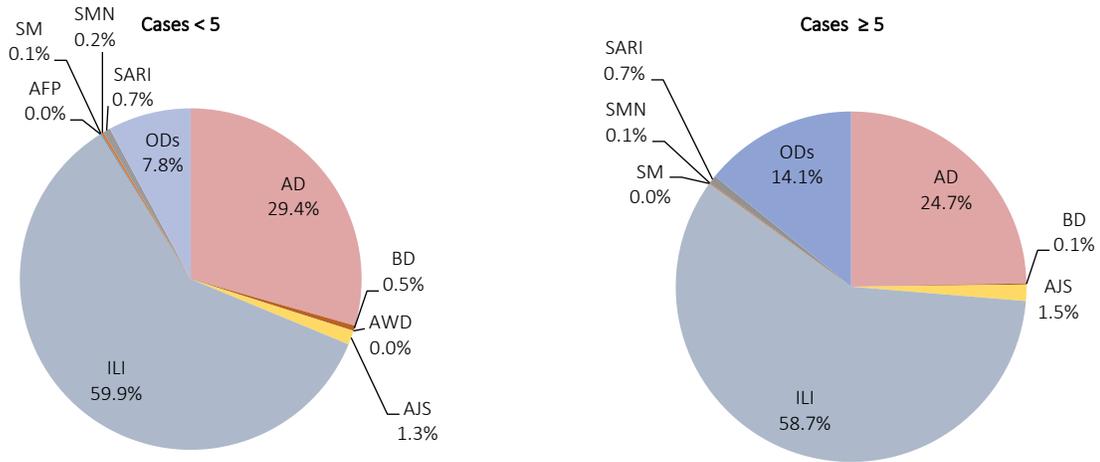
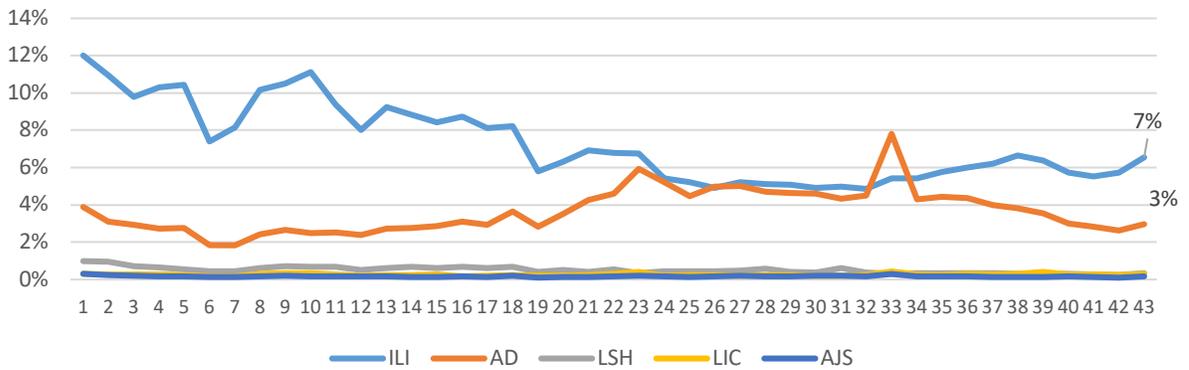
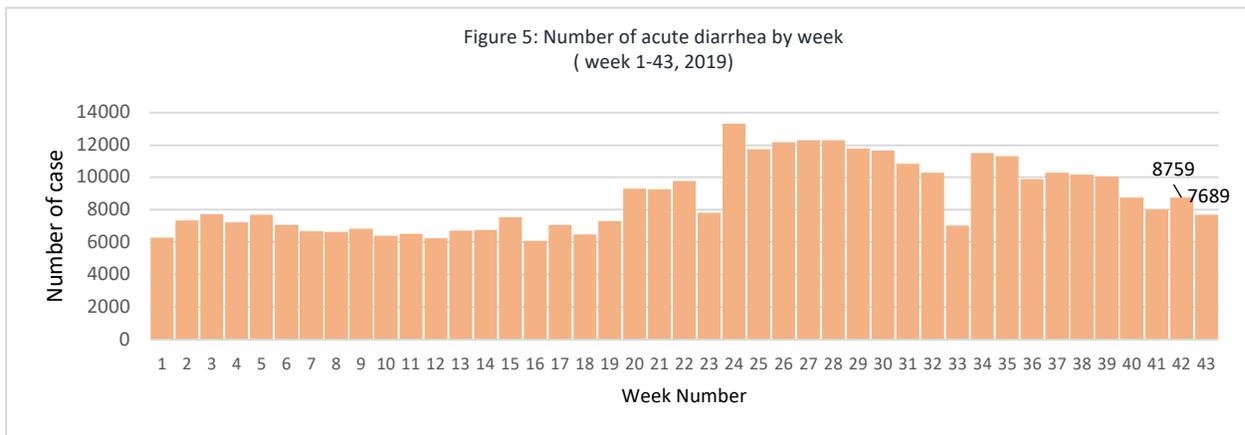


Figure 4: Proportion of Morbidity of top 5 diseases among the total consultation (week 1 - 43, 2019)



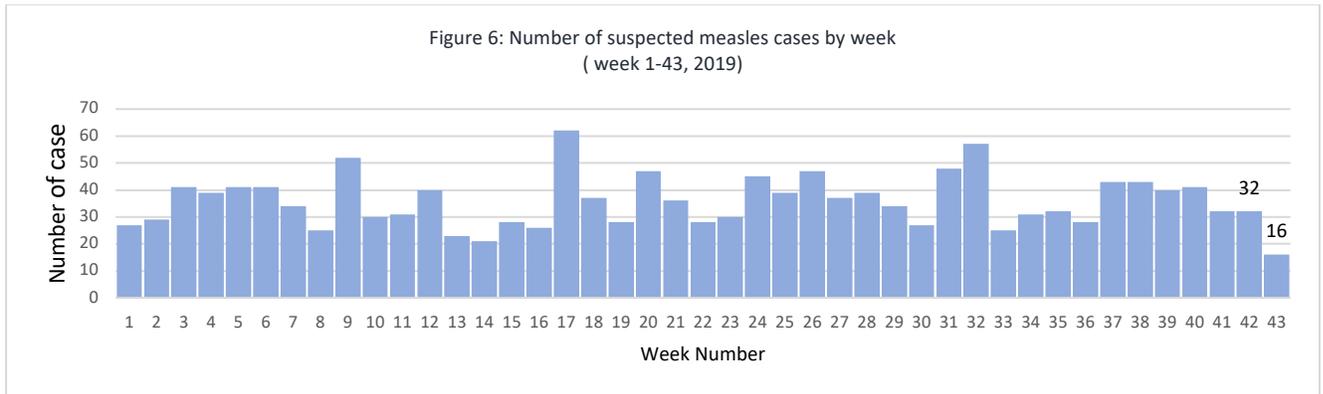
## 2. Waterborne Diseases

- There no case of acute watery diarrhea (AWD) in week 43.
- There was a decrease in the number of diarrhea in week 43 by 12.2% compared to previous week. (Figure 4).



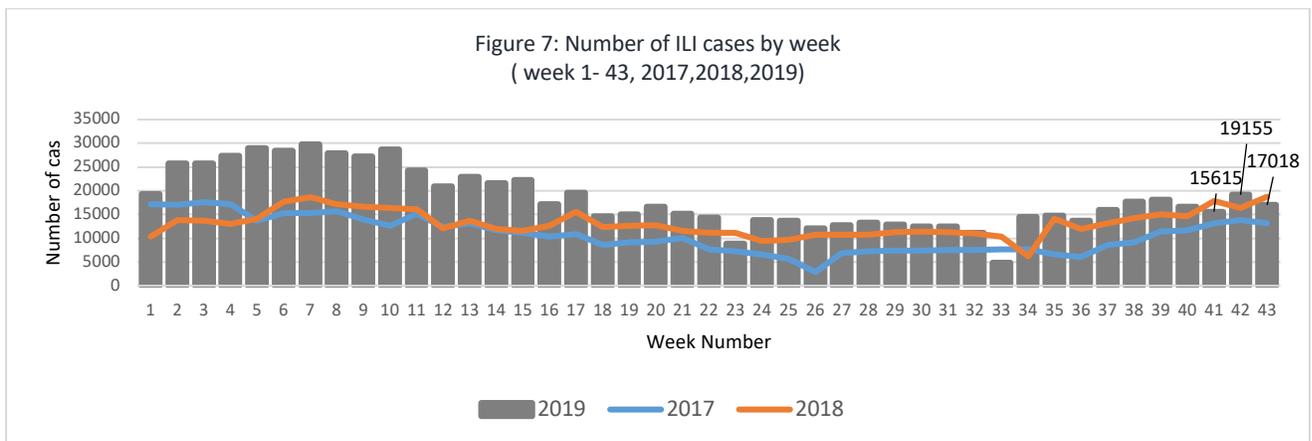
### 3. Vaccine Preventable Diseases

- Two cases of acute flaccid paralysis (AFP) were reported in week 43, each case from Hama and Deir-ez-Zor.
- Number of suspected measles in week 43 was 16. In total, 1570 suspected measles cases have been reported in 2019, and most cases were reported from Deir-ez-Zor (20.7%), Ar-Raqqa (15.4%), and Idleb (14.6%).



### 4. Respiratory Diseases

In total, 17 018 ILI cases were reported during week 43. There was a slight decrease in the number of influenza-like illnesses (ILI).



### 5. Other Diseases

- 3163 cases were reported as “other diseases” through EWARS. The health conditions with the highest incidents were leishmaniasis (897), lice (776), and other (306).
- An increase of Leishmaniasis cases has been noticed since week 42. In week 43 most of cases were reported from Aleppo 75%, Deir-ez-Zor 14%, and Hama 5%.

## Public Health Response Actions

### *Suspected measles*

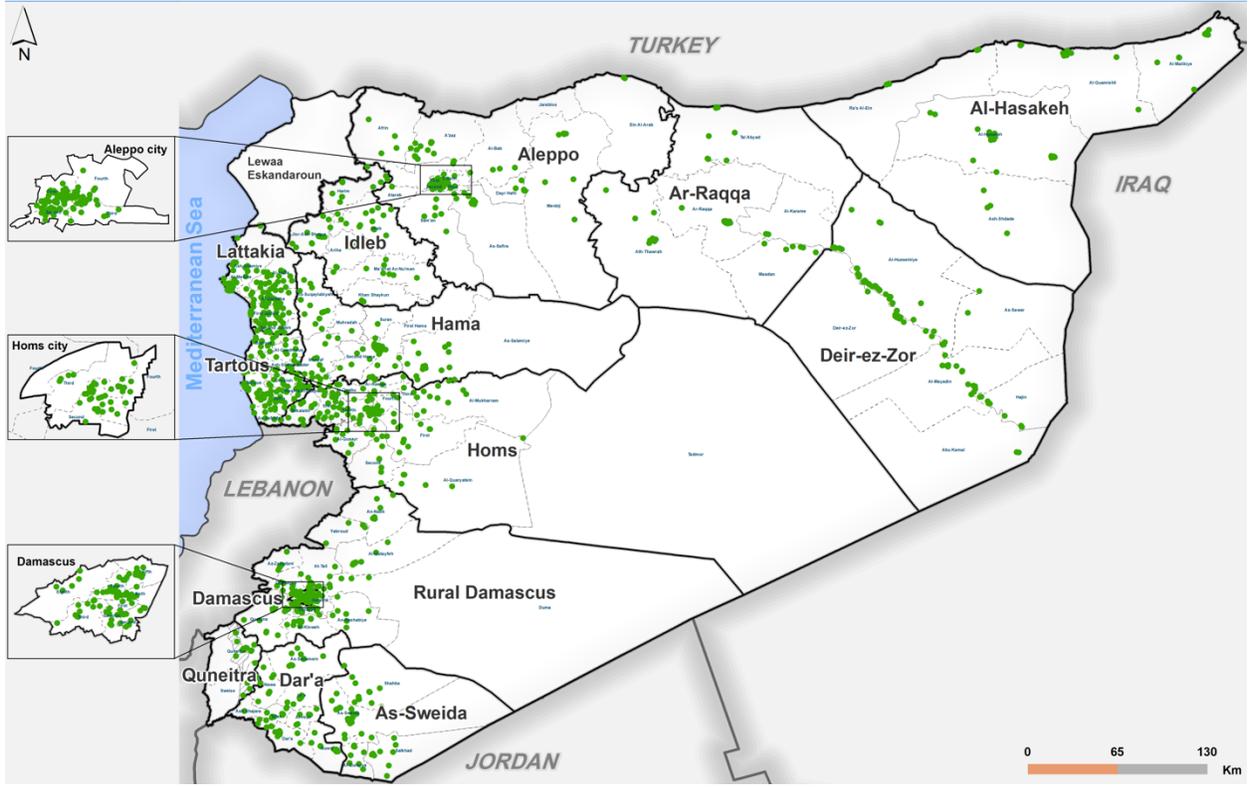
A total of 16 suspected measles cases was reported during week 43. All the cases were investigated by rapid response teams of the health directorates. The blood specimens from all 16 suspected cases were collected and tested for IgM ELISA at the reference laboratory in Damascus. The laboratory result showed all cases negative for measles.

### *Acute flaccid paralysis*

- Two AFP cases were reported during week 43. The stool samples from both cases were collected and tested at the polio reference laboratory in Damascus, and the result showed the all case were negative for poliomyelitis.
- The National Polio campaign in Syria was conducted between 13 and 17 October 2019 in 13 governorates (all the governorates except for Idleb). The preliminary coverage report indicates 2 371 991 (85,5% of the coverage) children were vaccinated including 18 454 children among IDPs in Al-Hasakeh and Ar-Raqqa governorate were also vaccinated.

## Comparison with Previous Week by Health Condition

Disease	Week 42	Week 43
Acute diarrhea (AD)	8 759	7 689
Bloody diarrhea (BD)	87	80
Acute watery diarrhea (AWD)	0	0
Acute jaundice syndrome (AJS)	328	412
Influenza like illness (ILI)	19 155	17 018
Acute flaccid paralysis (AFP)	0	2
Suspected measles (SM)	32	16
Suspected meningitis (SMN)	53	45
Typhoid fever (TYF)	290	305
Brucellosis (BRU)	188	262
Suspected tuberculosis (TB)	24	20
Severe acute respiratory infection (SARI)	161	204
Suspected pertussis (PER)	72	42
suspected leishmaniasis (LSH)	818	897
Suspected chickenpox (CHP)	238	189
Scabies (SCA)	417	296
Lice (LIC)	796	776
Suspected mumps (MUM)	89	70
Others	340	306
<b>Total</b>	<b>31 847</b>	<b>28 629</b>



		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	14	394	170	42	49	304	531	180	101	143	431	983	234	119	3695
	≥ 5	11	384	69	40	61	472	493	142	93	137	505	1079	314	194	3994
Bloody diarrhea (BD)	< 5	7	18	0	0	1	0	0	0	7	1	29	0	0	63	7
	≥ 5	2	2	0	0	1	0	0	0	2	5	3	0	2	17	2
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	1	2	31	0	1	3	4	6	2	6	5	105	3	0	169
	≥ 5	1	8	10	8	3	20	11	18	9	23	16	105	9	2	243
Influenza like illness (ILI)	< 5	7	288	111	74	158	1296	1390	119	200	230	423	1764	750	714	7524
	≥ 5	8	405	104	120	423	1310	1701	124	352	311	752	1565	1191	1128	9494
Acute flaccid paralysis (AFP)	< 5	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
	≥ 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suspected measles (SM)	< 5	0	2	2	0	0	0	4	1	0	1	1	0	2	0	13
	≥ 5	0	0	0	0	0	0	0	0	1	1	0	1	0	0	3
Suspected meningitis (SMN)	< 5	0	0	3	1	1	2	1	5	0	2	3	10	0	0	28
	≥ 5	0	1	1	2	0	1	3	4	0	2	1	0	1	1	17
Severe acute respiratory infection (SARI)	< 5	0	11	0	0	0	0	1	38	0	0	23	0	0	13	86
	≥ 5	0	15	2	5	1	26	2	16	1	0	35	0	0	15	118
Typhoid fever (TYF)	< 5	0	1	1	0	0	0	0	3	0	9	0	4	3	0	21
	≥ 5	1	3	6	0	1	1	10	7	6	41	0	203	5	0	284
Brucellosis (BRU)	< 5	0	0	2	0	0	0	4	0	0	2	0	16	5	0	29
	≥ 5	0	0	9	1	1	2	7	11	0	11	2	167	22	0	233
Suspected tuberculosis (TB)	< 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	≥ 5	0	0	0	0	0	0	14	0	0	0	1	1	2	2	20
Suspected pertussis (PER)	< 5	1	0	0	0	0	0	1	0	25	0	0	9	0	0	36
	≥ 5	0	0	0	0	0	0	0	4	0	0	0	2	0	0	6
suspected leishmaniasis (LSH)	< 5	2	4	2	0	0	0	61	2	0	0	4	39	0	1	115
	≥ 5	0	8	9	0	0	3	611	42	5	1	0	87	6	10	782
Suspected chickenpox (CHP)	< 5	0	14	0	3	2	0	5	3	3	4	3	79	5	1	122
	≥ 5	0	15	0	0	3	0	10	2	4	4	2	20	7	0	67
Scabies (SCA)	< 5	0	4	0	0	1	1	12	3	4	0	1	69	3	0	98
	≥ 5	0	6	0	0	7	6	52	17	21	0	3	72	9	5	198
Lice (LIC)	< 5	1	13	0	3	0	0	42	13	2	3	4	55	13	0	149
	≥ 5	5	4	0	4	8	123	99	192	33	4	10	61	83	1	627
Suspected mumps (MUM)	< 5	0	1	6	0	0	0	0	2	2	0	1	18	1	0	31
	≥ 5	0	5	1	0	0	0	2	1	20	0	0	9	1	0	39
Others	< 5	0	10	0	0	1	3	2	2	5	14	0	69	7	0	113
	≥ 5	0	13	0	0	2	2	7	1	17	28	2	65	55	1	193
Total of < 5		26	751	346	123	213	1610	2058	378	344	421	900	3250	1026	848	12 294
Total of ≥ 5		26	869	213	180	510	1967	3022	581	562	565	1334	3440	1705	1361	16 335
Grand total		52	1620	559	303	723	3577	5080	959	906	986	2234	6690	2731	2209	28 629