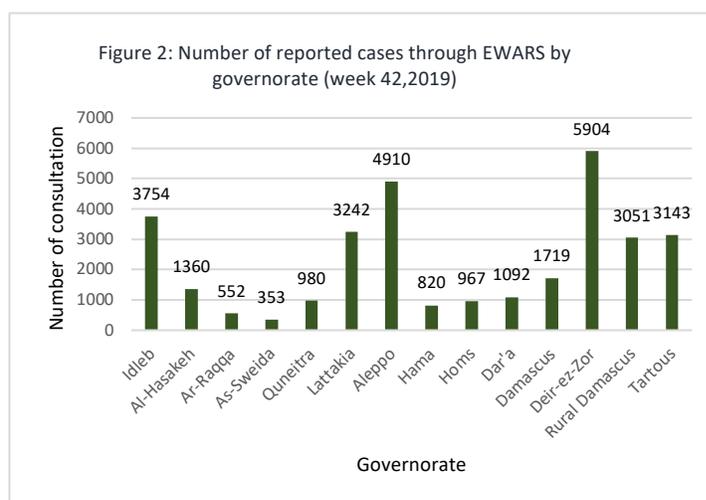
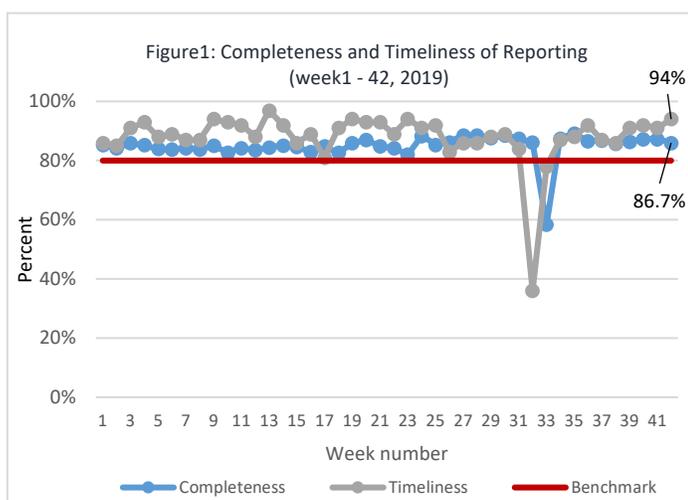


Highlights

- A total of 334 843 consultations were recorded in all the 14 governorates in week 42.
- The leading causes of morbidity among all age groups were influenza-like illnesses (60.1%) and acute diarrhea (27.5%).
- There was an increase in the number of influenza-like illnesses (ILI) observed. In total, 19 155 ILI cases were reported during week 42, which increased by 18.5% compared to the previous week.
- 32 suspected measles cases were reported during week 42. Among them, the blood specimens of 25 cases were collected and tested at the reference laboratory in Damascus. The laboratory result showed all negative for measles.
- No acute flaccid paralysis cases were reported in week 42.
- One suspected leprosy case was reported from Al Hol camp in al-Hasakeh.

Performance Indicators

- A total of 1071 out of 1235 active reporting sites (86.7%) in all 14 governorates of Syria reported through EWARS, with 94% timeliness among those sites providing data during week 42 (Figure 1).



Morbidity

1. Proportional Morbidity

- A total of 334 843 consultations were recorded in 1071 health facilities in 14 governorates in week 42, 2019. Among them, 31 847 cases were EWARS notifiable health conditions (Figure 2). The consultation number increased by
- In week 42, among all age groups, influenza-like illnesses (ILI) is the leading cause of morbidity (60.1%), followed by acute diarrhea (AD) (27.5%).
- Of the 31 847 total reported cases, 49.4% (15 764) were female, and 46.1% (14 699) were children under 5 years old.
- Among children under 5 years of age, 60.7% of the cases were ILI, and AD representing 30.2% of the cases during this reporting period (Figure 3).

Figure3: Proportional morbidity by age group in week 42, 2019

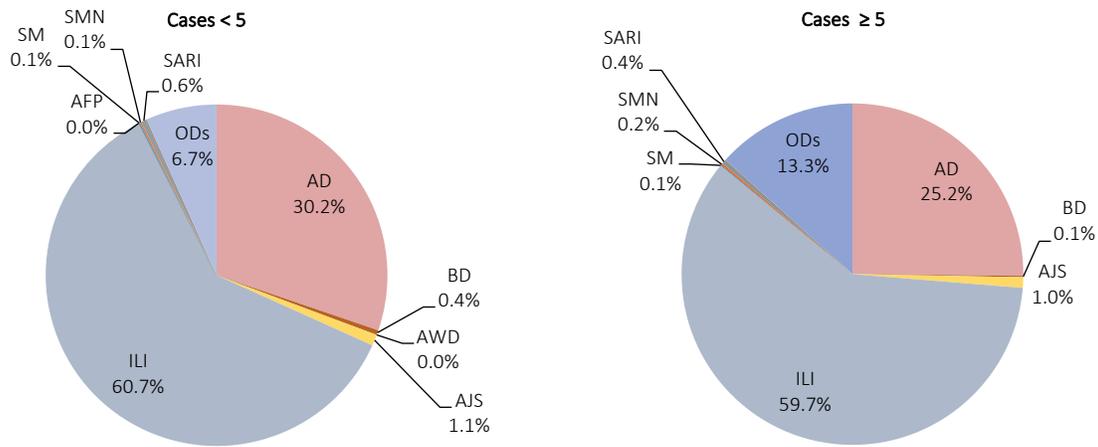
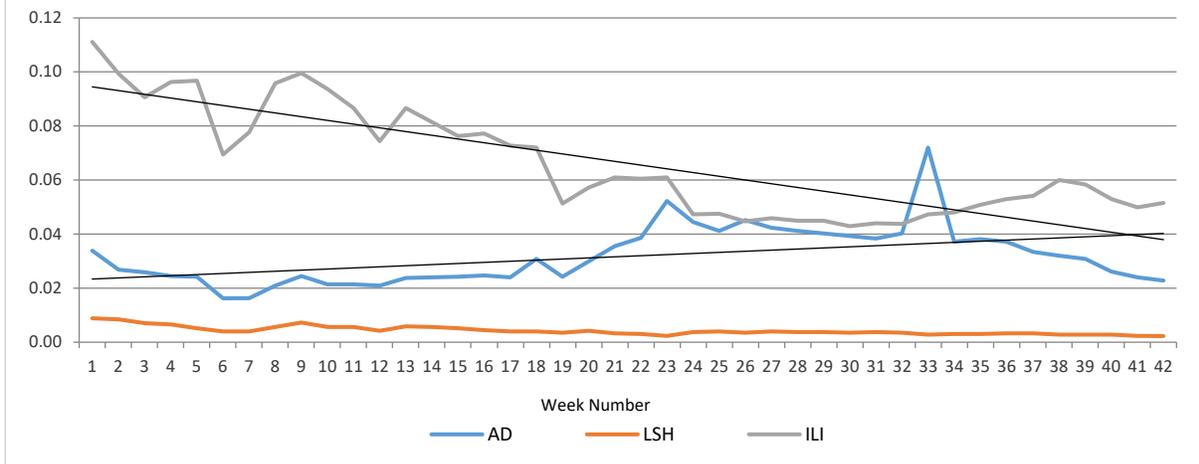


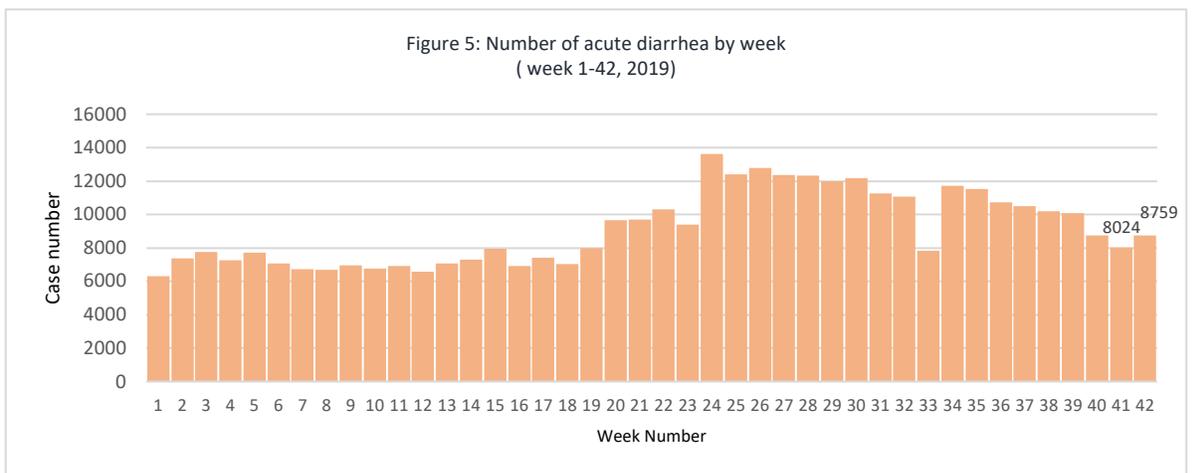
Figure 4: Proportion of Morbidity of AD, ILI, and LSH among the total consultation (week 1 - 42, 2019)



2. Waterborne Diseases

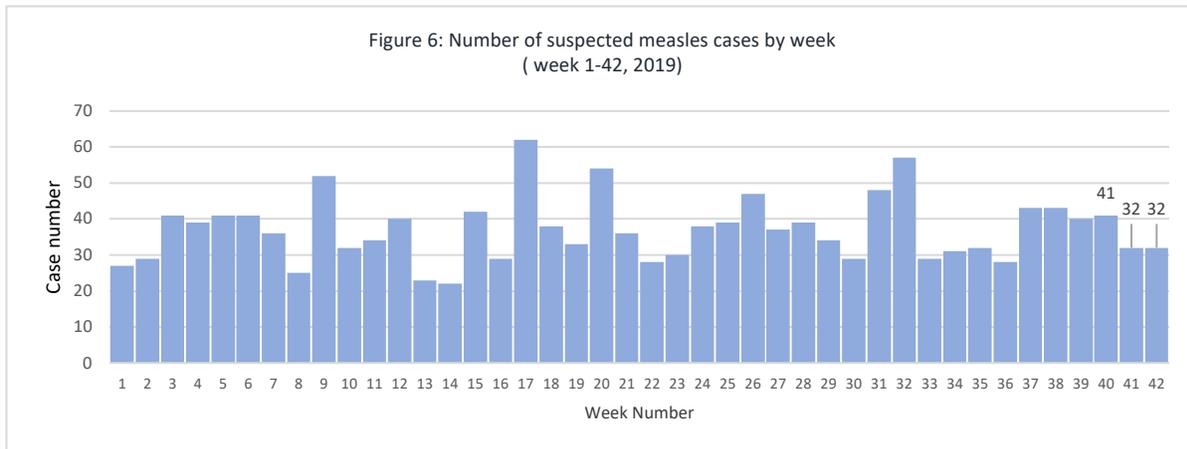
- No cases of acute watery diarrhea (AWD) were reported in week 42.
- The total of 8759 cases of Acute diarrhea (AD) were reported in week 42, an increase of 9% compared to the previous week. The trend remains upward (Figure 4).

Figure 5: Number of acute diarrhea by week (week 1-42, 2019)



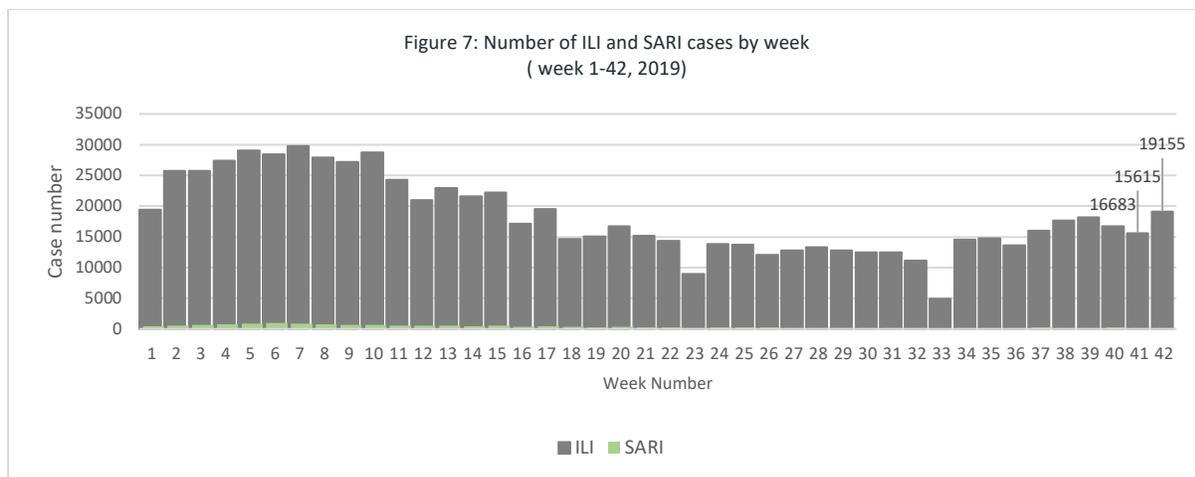
3. Vaccine Preventable Diseases

- No cases of acute flaccid paralysis (AFP) were reported in week 42.
- The total number of suspected measles in week 42 was 32. In total, 1553 suspected measles cases have been reported in 2019, and most cases were reported from Deir-ez-Zor (20.8%), Idleb (14.7%), and Ar-Raqqa (14.4%).



4. Respiratory Diseases

- There was an increase in the number of influenza-like illnesses (ILI) observed. In total, 19 155 ILI cases were reported during week 42, which increased by 18.5% compared to the previous week.



5. Other Diseases

- 3272 cases were reported as “other diseases” through EWARS. The health conditions with the highest incidents were leishmaniasis (818), lice (796), and other (340).
- One suspected leprosy case with skin lesions was detected in Al Hol camp in Al-Hasakeh on 13th of October.

Suspected measles

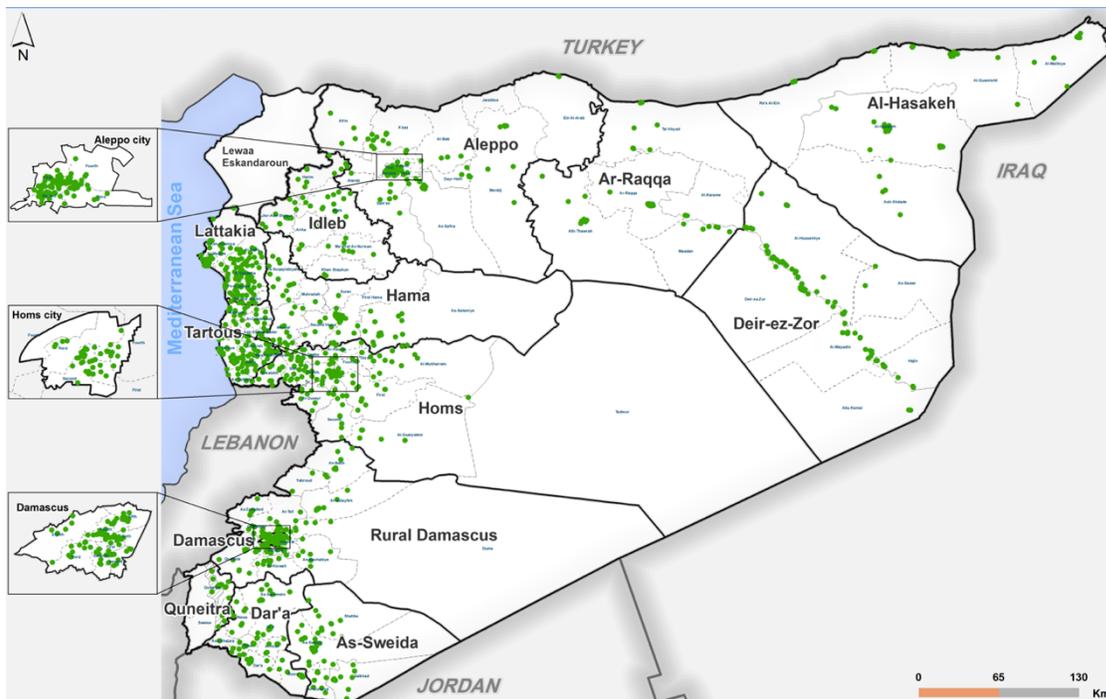
- A total of 32 suspected measles cases was reported during week 42. All the cases were investigated by rapid response teams of the health directorates except for the cases reported from Idleb governorate (7 cases) where the access is limited.
- The blood specimens from 25 suspected cases were collected and tested for IgM ELISA at the reference laboratory in Damascus. The laboratory result showed all the tested 24 samples were negative for measles.

Vaccination campaign

- The National Polio campaign in Syria was conducted between 13 and 17 October 2019 in 13 governorates (all the governorates except for Idleb). This campaign targeted 2 774 310 children under 5 years of age to receive one dose of bivalent OPV. During this campaign, 18 454 children among IDPs in Al-Hasakeh and Ar-Raqqa governorate were also vaccinated.
- 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.

Disease	Week 41	Week 42
Acute diarrheea (AD)	8 024	8 759
Bloody diarrheea (BD)	88	87
Acute watery diarrheea (AWD)	0	0
Acute jaundice syndrome (AJS)	340	328
Influenza like illness (ILI)	15 615	19 155
Acute flaccid paralysis (AFP)	2	0
Suspected measles (SM)	32	32
Suspected meningitis (SMN)	55	53
Typhoid fever (TYF)	372	290
Brucellosis (BRU)	287	188
Suspected tuberculosis (TB)	32	24
Severe acute respiratory infection (SARI)	158	161
Suspected pertussis (PER)	57	72
suspected leishmaniasis (LSH)	750	818
Suspected chickenpox (CHP)	191	238
Scabies (SCA)	336	417
Lice (LIC)	747	796
Suspected mumps (MUM)	107	89
Others	308	340
Total	27 501	31 847

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 diarrhea (AD)	< 5	899	484	176	41	97	133	565	213	129	145	270	895	251	146	44 44
	≥ 5	809	305	78	43	105	213	510	163	104	198	426	827	280	254	4 315
Bloody diarrhea (BD)	< 5	0	9	14	0	0	1	1	0	2	8	1	30	0	0	66
	≥ 5	0	1	13	0	0	0	0	0	0	0	6	0	0	1	21
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	48	2	30	1	1	1	4	7	1	10	6	42	2	1	156
	≥ 5	48	2	7	8	6	5	7	14	9	29	14	16	6	1	172
Influenza like illness (ILI)	< 5	558	181	96	98	242	1 613	1 476	84	277	233	299	1 699	944	1 123	8 923
	≥ 5	538	281	109	145	468	1 079	1 683	135	329	298	626	1 586	1 419	1 536	10 232
Acute flaccid paralysis (AFP)	< 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
Suspected measles (SM)	< 5	0	0	6	0	0	1	1	0	3	3	0	3	3	0	20
	≥ 5	7	0	1	0	0	0	4	0	0	0	0	0	0	0	12
Suspected meningitis (SMN)	< 5	2	0	4	0	1	0	1	4	1	0	4	3	0	0	20
	≥ 5	9	0	1	1	0	0	1	8	1	1	5	2	0	4	33
Severe acute respiratory infection (SARI)	< 5	0	0	1	0	1	0	3	32	2	0	17	7	0	21	84
	≥ 5	0	0	0	5	0	3	0	11	0	0	16	7	0	35	77
Typhoid fever (TYF)	< 5	16	0	0	0	1	0	0	4	1	5	0	7	2	1	37
	≥ 5	41	0	4	0	4	0	11	12	5	62	0	107	7	0	253
Brucellosis (BRU)	< 5	11	0	0	0	0	0	3	1	1	1	0	13	5	0	35
	≥ 5	15	0	1	0	4	3	21	6	2	12	1	68	20	0	153
Suspected tuberculosis (TB)	< 5	3	0	0	0	0	0	1	0	0	0	0	0	0	0	4
	≥ 5	1	1	0	0	0	0	8	0	0	0	5	1	0	4	20
Suspected pertussis (PER)	< 5	35	0	0	0	0	0	1	0	0	0	0	9	1	0	46
	≥ 5	24	0	0	0	0	0	0	0	0	0	0	2	0	0	26
suspected leishmaniasis (LSH)	< 5	101	3	0	0	0	0	72	3	1	0	1	40	0	0	221
	≥ 5	135	5	0	3	0	0	355	37	2	0	3	47	4	6	597
Suspected chickenpox (CHP)	< 5	14	13	0	1	1	1	5	1	5	7	3	61	10	3	125
	≥ 5	30	9	0	0	8	0	3	4	4	8	6	38	3	0	113
Scabies (SCA)	< 5	32	4	0	1	0	8	11	0	12	1	0	61	1	1	132
	≥ 5	59	7	0	2	3	12	56	9	17	5	2	105	6	2	285
Lice (LIC)	< 5	111	17	0	2	2	3	22	26	10	2	1	37	5	0	238
	≥ 5	184	5	0	2	10	152	69	33	18	12	6	54	13	0	558
Suspected mumps (MUM)	< 5	0	1	11	0	0	0	1	1	0	1	1	11	1	1	29
	≥ 5	24	5	0	0	0	0	8	0	3	0	0	20	0	0	60
Others	< 5	0	9	0	0	7	4	3	3	12	17	0	58	4	2	119
	≥ 5	0	16	0	0	19	10	4	9	16	34	0	48	64	1	221
Total of < 5		1830	723	338	144	353	1 765	2 170	379	457	433	603	2 976	1 229	1 299	14 699
Total of ≥ 5		1924	637	214	209	627	1 477	2 740	441	510	659	1116	2 928	1 822	1 844	17 148
Grand total		3754	1360	552	353	980	3 242	4 910	820	967	1 092	1719	5 904	3 051	3 143	31 847