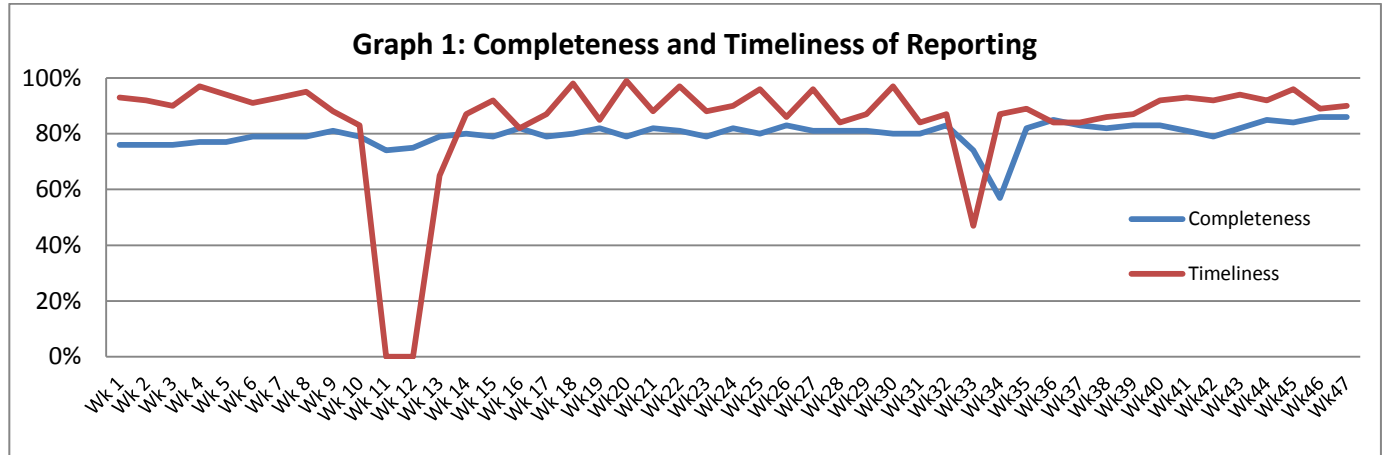


Highlights:

- ❖ 42 suspected acute jaundice syndrome were reported in Daraa in week 47.
- ❖ 3 cases of acute paralysis flaccid reported from Dair Zour (2), and Quniatera (1).

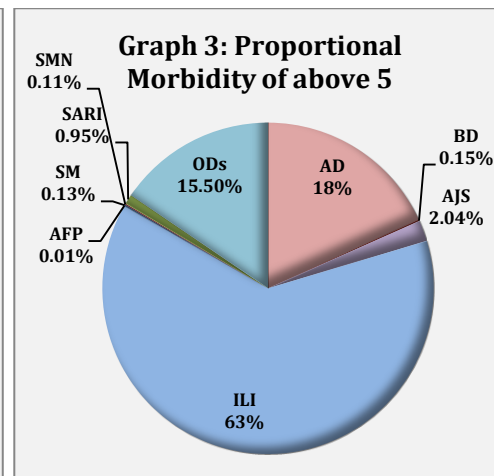
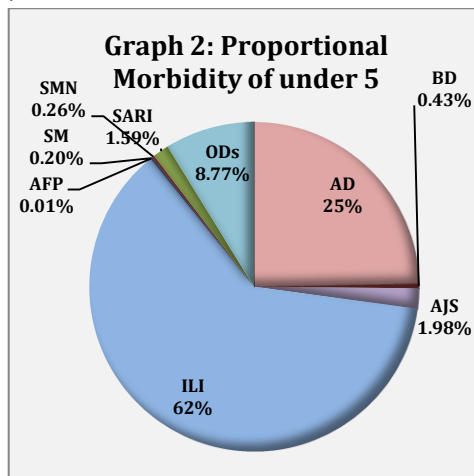
❖ Completeness & Timeliness of Reporting

- ❖ The overall completeness of reporting was 84 %; (1084 out of total 1295 EWARS sentinel sites). 14 governorates have reported this week.
- ❖ Timeliness of reporting was 90%.

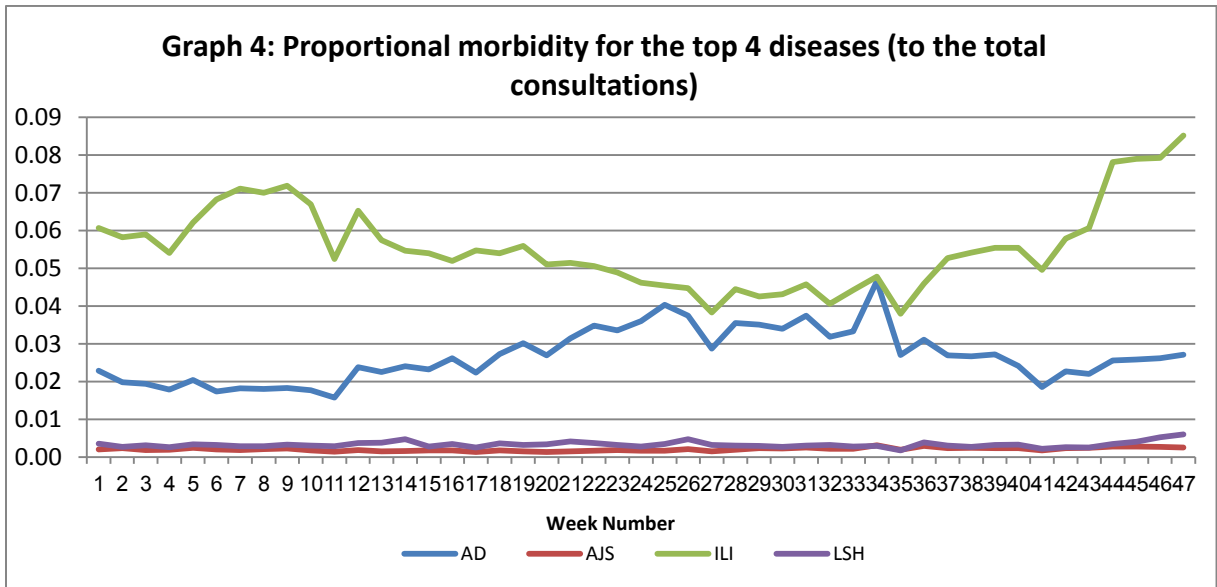


❖ The Morbidity Cases

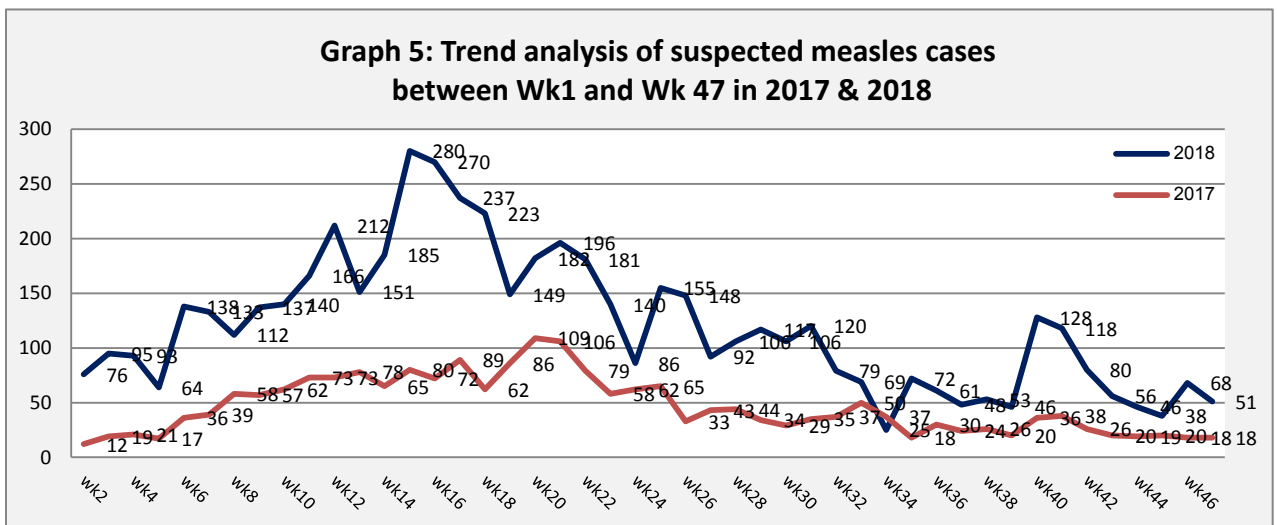
- ❖ Out of a total of 224,140 consultations, 32,089 EWARS notifiable cases were reported; of which 20,072 cases were influenza like illness (63%), 6,709 cases were acute diarrhoea (21%), 647 were acute jaundice syndrome, 390 were severe acute respiratory infection, 51 were suspected measles, 85 were bloody diarrhoea, 56 were suspected meningitis, and 3 case of acute flaccid paralysis.
- ❖ Graphs 2 and 3 below show the proportional morbidity among < 5 and ≥ 5 year age groups respectively.



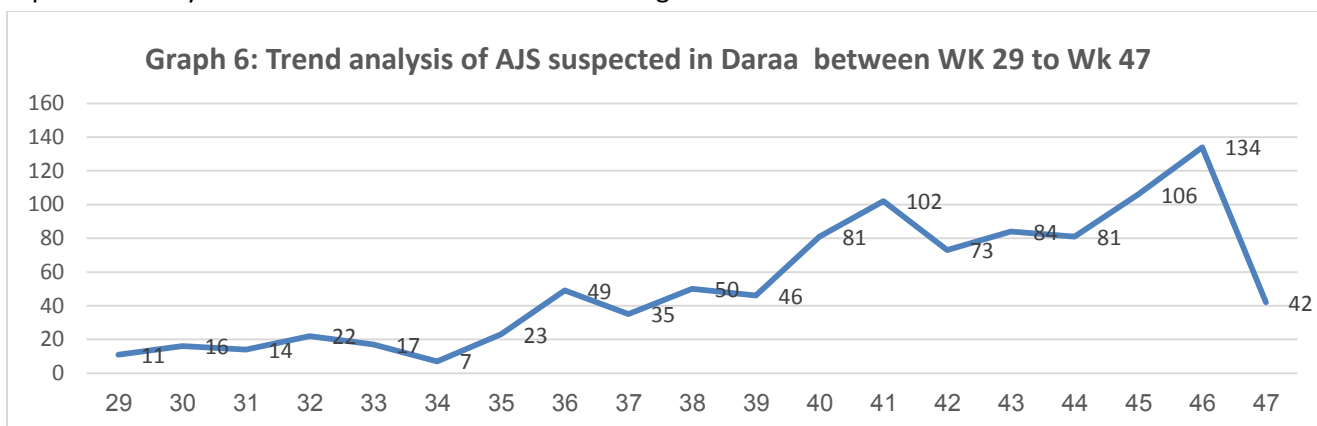
- ❖ Acute diarrhoea constitutes (25%) among < 5 and (18%) among ≥ 5, while influenza-like illness constitutes (62%) of the cases among <5 and (63%) of the cases among ≥ 5 years old.
- ❖ 50% of the cases were distributed among males. 58% of the cases were distributed among ≥5 age group.
- ❖ In total 4,076 cases were reported as “other diseases”. The most important diseases reported within this group were; 929 cases of leishmaniasis (mostly from Deir Ezzor and Aleppo), 125 cases of brucellosis, 188 cases of typhoid, 2 cases of tuberculosis, 23 pertussis, and 29 mumps.
- ❖ Graph 4: shows the trend analysis of top four diseases to total consultations. An increase of ILI is reported which is in line with the seasonality of the disease.



- ❖ Graph 5: the below graph shows the trend analysis of suspected measles cases reported through EWARS.



- ❖ Graph 6 shows the trend analysis of acute jaundice syndrome cases, the increase started in week 35, and reported mainly from the eastern rural areas of Daraa governorates.



- ❖ Table 1 shows comparison between reported cases in week-46 and week-47 2018.

Table 1: Comparison between reported cases for week 46 and week 47 in 2018.

Disease	Week 46	Week 47
AD	7,021	6,709
BD	114	85
AWD	0	0
AJS	712	647
ILI	20,506	20,072
AFP	3	3
SM	68	51
SMN	70	56
SARI	304	390
TYF	258	205
PER	57	59
LSH	1377	1377
BRU	175	136
TB	10	2
SCA	451	398
LIC	902	741
CHP	173	188
MUM	49	56
Others	840	914
Total	33090	32089

Acute Flaccid paralysis

The sub national polio campaign was conducted from 4 - 8 November in 7 governorates targeting 912,908 children under 5, The results of the campaign indicate that 549,104 children were vaccinated with OPV in 7 targeted governorates (59.6%) and 348,549 children were vaccinated with IPV (72%). The campaign was still on hold in rural Deir-ez-Zor as the local authority refused to conduct the campaign by DOH staff. MoH is continuing the negotiations with the local authority to get their approval. Low coverage rate with IPV in Raqqa governorate (51%) due to inaccurate target for children under 2. A high coverage rate in rural Damascus (more than 100%) is reported, as DoH has added the number of vaccinated children in Rukban camp.

Acute Jaundice Syndrome, Daraa Governorate

Increase of suspected Hepatitis A cases has been reported in Dar'a governorate since week 35. The increase reported mainly from the eastern rural areas. The cumulative number of cases reported through EWARS between weeks 35 to 46 is 877; in week 46 the number of reported AJS cases was 132. The diagnosis was made according to clinical symptoms and liver functions tests. In addition WHO documented 324 probable hepatitis A cases from one area Jeza in Busa district (laboratory diagnosis SGPT test above 50). To confirm HAV or HEV outbreak, 12 specimens of (blood and serum) were tested at WHO reference lab, the specimens were analyzed both by serology (Hepatitis A IgM) and real-time RT-PCR for Hepatitis A and E. Additional sequence-base genotyping is in progress. The lab results were positive HAV for 5 out of 6 samples, and negative HEV for 6 samples.

Acute Jaundice Syndrome, among Afrin IDPs, Aleppo Governorate.

Cases of Acute Jaundice Syndrome among Iferin IDPs in the northern rural of Aleppo have been reported to WHO. Number of AJS cases reported between 21 July to 12 November is 638 cases predominantly among schoolchildren under 15 years. To confirm HAV or HEV outbreak, 26 specimens of (blood and serum) were tested at WHO reference lab, the specimens were analyzed both by serology (Hepatitis A IgM) and real-time RT-PCR for Hepatitis A and E. Additional sequence-base genotyping is in progress. The lab results were positive HAV for 10 out of 13 samples, and negative HEV for 13 samples.

Table-2: Distribution of cases per age group, and by Governorate-week-47, 2018:

Code	age group	Idleb	Hassaka	Raqqa	Sweida	Qunaitra	Lattakia	Aleppo	Hama	Homs	Daraa	Damascus	DierEzor	Rural Damascus	Tartous	Grand Total
AD	< 5	542	127	77	89	57	479	324	97	64	107	474	539	277	154	3,407
	≥ 5	578	156	180	85	60	288	363	141	66	115	369	579	269	53	3,302
BD	< 5	0	9	7	2	0	1	1	0	1	1	2	0	4	0	28
	≥ 5	0	11	16	3	0	0	0	1	0	3	0	21	2	0	57
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
AJS	< 5	20	21	49	23	11	25	41	38	24	29	29	45	17	10	382
	≥ 5	24	12	84	1	1	16	14	6	5	13	5	77	6	1	265
ILI	< 5	891	394	44	302	642	1,444	1,745	265	244	620	717	1,530	1,131	1,818	11,787
	≥ 5	912	256	71	220	264	1,380	1,096	327	168	264	469	1,438	800	620	8,285
AFP	< 5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	≥ 5	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
SM	< 5	1	14	1	1	1	1	0	0	0	0	0	5	0	0	24
	≥ 5	0	0	1	1	0	0	1	0	0	0	0	24	0	0	27
SMN	< 5	3	0	1	2	0	0	1	5	0	0	5	3	0	1	21
	≥ 5	2	1	7	0	0	0	0	4	0	0	3	17	0	1	35
SARI	< 5	1	12	15	13	0	1	3	29	0	0	55	46	0	3	178
	≥ 5	0	53	18	3	0	1	0	56	0	1	18	60	0	2	212
Others	< 5	292	118	47	13	23	201	409	195	52	18	45	1,083	372	36	2,904
	≥ 5	50	60	40	7	9	18	142	25	22	6	5	520	263	5	1,172
Total Sum of < 5		1,750	695	241	445	735	2,152	2,524	629	385	775	1,327	3,251	1,801	2,022	18,732
Total Sum of ≥ 5		1,566	549	417	320	334	1,703	1,616	560	261	402	869	2,738	1,340	682	13,357
Total		3,316	1,244	658	765	1,069	3,855	4,140	1,189	646	1,177	2,196	5,989	3,141	2,704	32,089