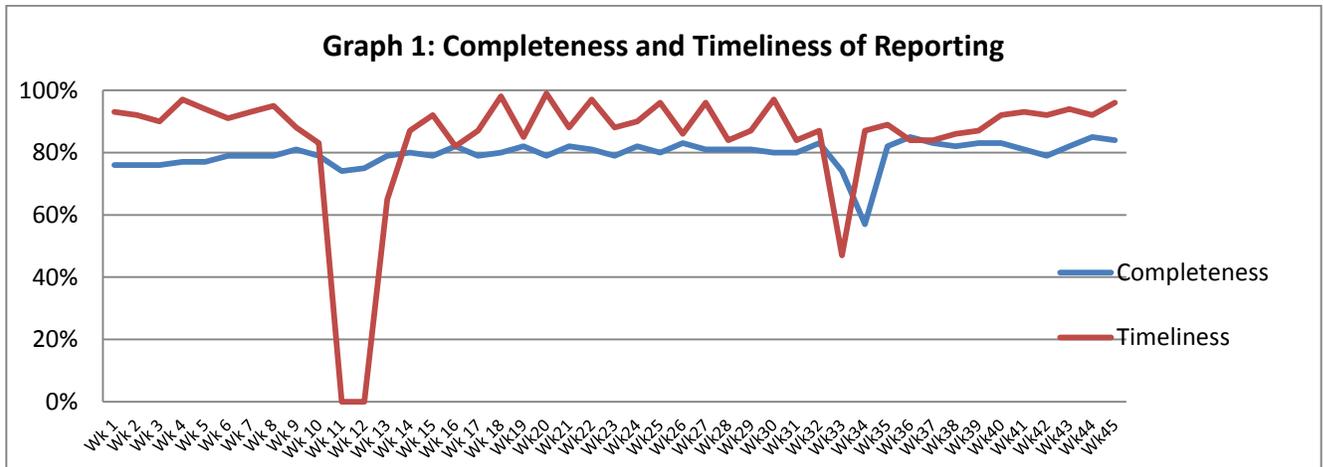


Highlights:

- ❖ 106 suspected acute jaundice syndrome were reported in Daraa in week 45.
- ❖ 4 cases of acute paralysis flaccid reported from Aleppo (2), Daraa (1) and Damascus (1).

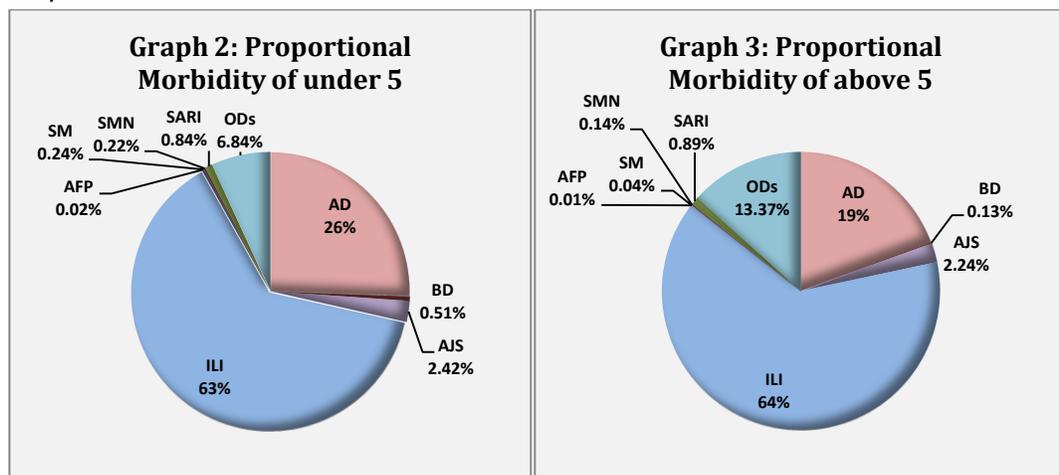
❖ Completeness& Timeliness of Reporting

- ❖ The overall completeness of reporting was 84 %; (1060 out of total 1265 EWARS sentinel sites). 14 governorates have reported this week.
- ❖ Timeliness of reporting was 96%.

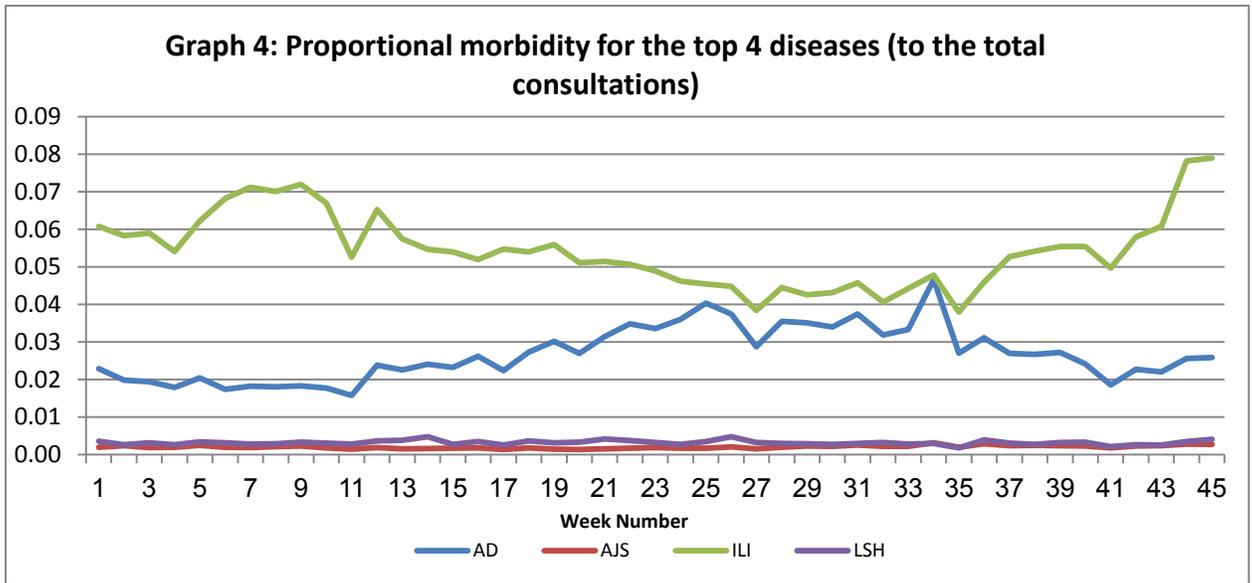


❖ The Morbidity Cases

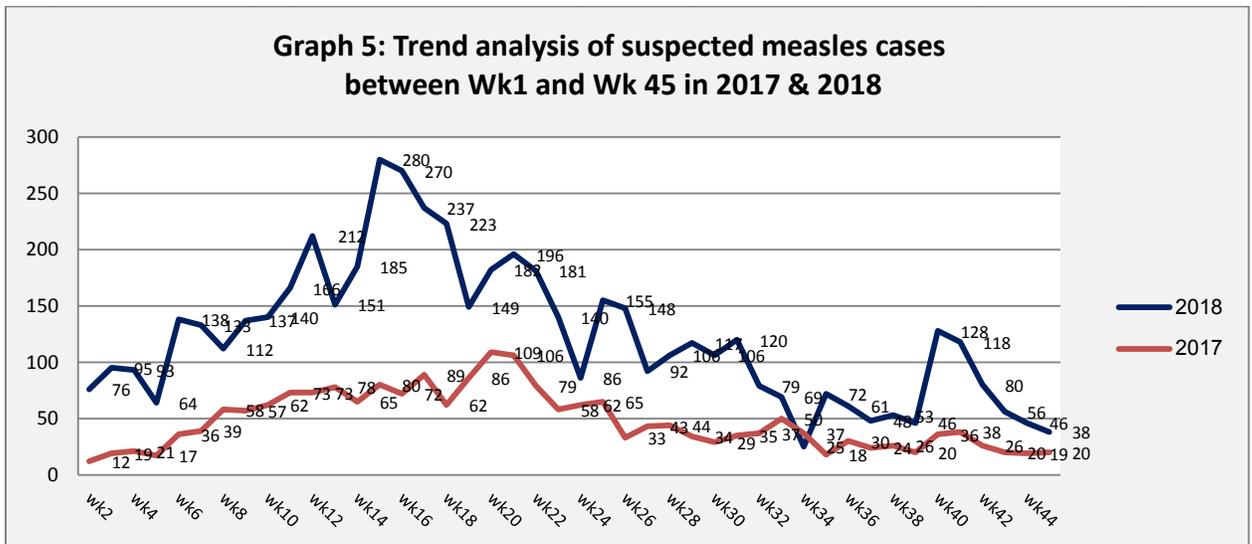
- ❖ Out of a total of 235,331 consultations, 30,568 EWARS notifiable cases were reported; of which 19,458 cases were influenza like illness (64%), 6,681 cases were acute diarrhoea (22%), 708 were acute jaundice syndrome, 266 were severe acute respiratory infection, 38 were suspected measles, 88 were bloody diarrhoea, 53 were suspected meningitis, and 4 case of acute flaccid paralysis.
- ❖ Graphs 2 and 3 below show the proportional morbidity among < 5 and ≥ 5 year age groups respectively.



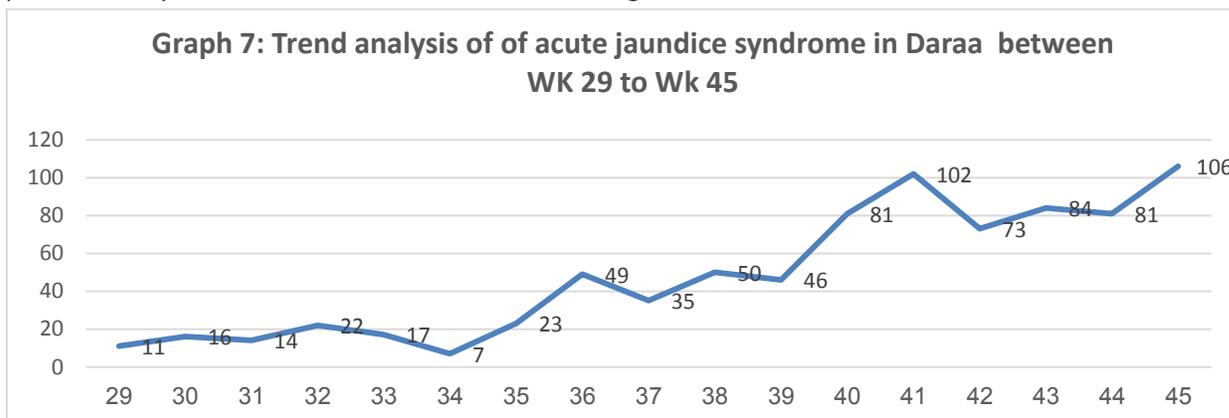
- ❖ Acute diarrhoea constitutes (26%) among < 5 and (19%) among ≥ 5, while influenza-like illness constitutes (63%) of the cases among <5 and (64%) of the cases among ≥ 5.
- ❖ 50% of the cases were distributed among males. 59% of the cases were distributed among ≥5 age group.
- ❖ In total 3,272 cases were reported as “other diseases”. The most important diseases reported within this group were; 1018 cases of leishmaniasis (mostly from Deir Ezzor, Aleppo and Idlep), 126 cases of brucellosis, 161 cases of typhoid, 7 cases of tuberculosis, 59 pertussis, and 28 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 7 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-44 and week-45 2018.

Table 1: Comparison between reported cases for week 44 and week 45 in 2018.

Disease	Week 44	Week 45
AD	6,983	6,681
BD	114	88
AWD	0	0
AJS	699	708
ILI	19,358	19,458
AFP	3	4
SM	46	38
SMN	51	53
SARI	311	266
TYF	227	161
PER	81	59
LSH	924	1018
BRU	208	126
TB	11	7
SCA	566	445
LIC	833	924
CHP	191	172
MUM	42	28
Others	417	332
Total	31065	30568

Acute Jaundice Syndrome, Daraa Governorate

- An 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 since week 35 is 593, in week 43 and 44 the number of reported cases was 84 and 35 respectively. Most of the cases (75%) were above 5 years old, and 37% of cases were males.
- On 5 November a WHO and DoH rapid response team conducted field investigation in Hrak district (eastern Muleha town), in response 50 AJS cases reported from the school in the town. The team confirmed 3 AJS cases, visited the health centre and the only private lab in Hrak. Between 8 to 23 October 207 Hepatitis A were documented in the laboratory register (SGPT results above 50).
- A water quality assessment was carried out to three main wells in the area; field testing was carried out by using the bioluminescence method. Preliminary laboratory water quality analysis showed no contamination in the water of wells, water tankers and reservoirs. The wells are monitored and chlorided by the water institution, the team also tested the availability of free chlorine in the water of tankers, and found the chlorine tablets were added to water of tankers.

Acute Jaundice Syndrome, among Afrin IDPs, Aleppo Governorate.

Cases of Acute Jaundice Syndrome among Afrin IDPs in the northern rural of Aleppo have been reported to WHO. Number of AJS cases reported between 21 July to 4 November is 640 cases predominantly among schoolchildren under 15 years. The diagnosis was based on liver functions tests (ALT, AST, Bilirubin) and clinical signs. Blood tests for antibodies (IgM, and IgG) and Elisa tests are not conducted at the public health laboratories. In response to this increase, and to conduct further lab analysis and confirm Hepatitis A outbreak, the rapid response team of Aleppo collected samples (blood and serum) from 13 AJS cases, to be tested for HAC and HEV at WHO reference lab. On the other hand, 15000 brochures of prevention of Hepatitis A were provided to NNGOs partners to be distributed in the affected area.

Acute flaccid paralysis

The sub national polio campaign was conducted from 4 - 8 November in all governorates targeting 912908 children under 5, the campaign focused on:

- Districts with post campaign monitoring less than 80% in October national campaign
- Districts not reached in October national campaign
- Districts with low polio3 coverage rate in the routine vaccinations activities.

Table-2: Distribution of cases per age group, and by Governorate-week-45, 2018:

Code	age group	Idleb	Hassaka	Raqqa	Sweida	Qunaitra	Lattakia	Aleppo	Hama	Homs	Daraa	Damascus	DierEzor	Rural Damascus	Tartous	Grand Total
AD	< 5	781	110	120	96	31	431	296	111	72	128	530	386	240	164	3,496
	≥ 5	695	130	204	84	31	241	374	142	74	137	403	424	164	82	3,185
BD	< 5	1	3	5	5	0	0	0	0	0	4	4	2	0	0	24
	≥ 5	0	11	19	6	0	0	0	0	0	6	1	21	0	0	64
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	45	22	62	11	5	19	29	48	15	62	24	42	10	12	406
	≥ 5	39	8	78	4	2	1	16	10	5	44	14	78	1	2	302
ILI	< 5	890	289	33	324	179	1,916	2,024	214	201	603	753	1,105	1,024	2,008	11,563
	≥ 5	935	187	27	311	98	1,588	1,228	226	141	271	498	1,091	643	651	7,895
AFP	< 5	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2
	≥ 5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
SM	< 5	4	0	1	0	0	0	0	1	1	0	0	0	1	0	8
	≥ 5	1	2	5	0	0	0	1	2	0	0	3	13	3	0	30
SMN	< 5	1	9	1	0	0	0	2	6	0	0	2	0	1	4	26
	≥ 5	1	0	10	0	0	0	0	6	0	0	2	8	0	0	27
SARI	< 5	1	0	14	7	0	0	0	28	0	0	64	39	0	8	161
	≥ 5	0	3	14	1	0	1	2	33	0	0	10	36	0	5	105
Others	< 5	398	114	36	30	10	206	392	156	64	15	24	790	171	14	2,420
	≥ 5	124	49	8	31	0	13	116	23	27	3	18	395	39	6	852
Total Sum of < 5		2,121	547	272	473	225	2,572	2,744	564	353	812	1,402	2,364	1,447	2,210	18,106
Total Sum of ≥ 5		1,795	390	365	437	131	1,844	1,738	442	247	462	949	2,066	850	746	12,462
Total		3,916	937	637	910	356	4,416	4,482	1,006	600	1,274	2,351	4,430	2,297	2,956	30,568