

Highlights:

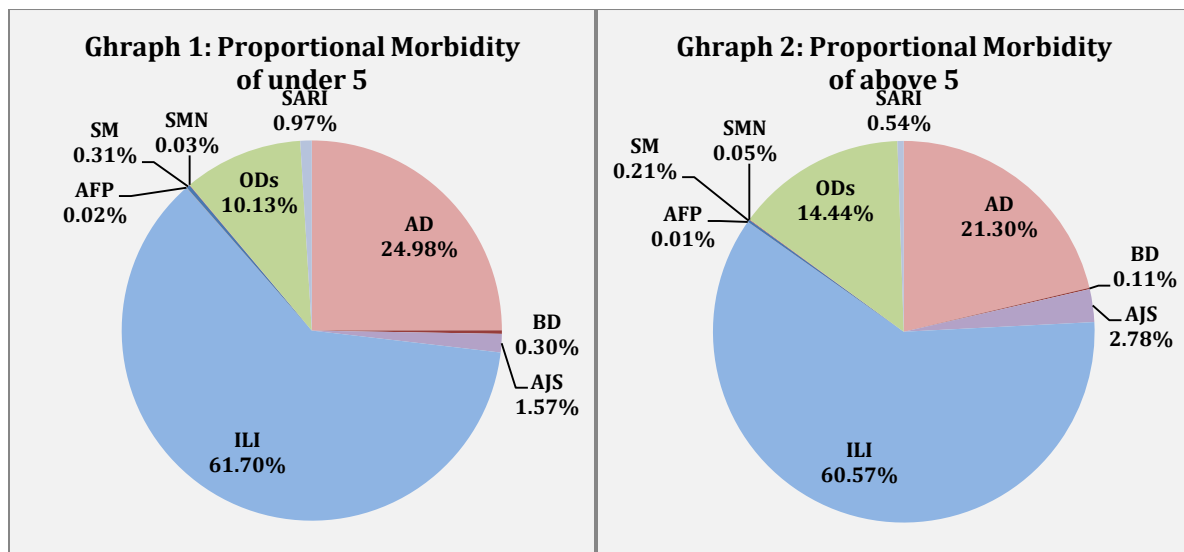
- ❖ (3) AFP cases were detected in Aleppo.
- ❖ A measles outbreak has been reported since the beginning of 2017 in the southern Syrian governorates. The last notification of Measles cases was reported during this week from Daraa governorate with (28) suspected Measles cases were reported from three towns in Al-Sanamin district.

❖ Completeness & Timeliness of Reporting

- ❖ The overall completeness of reporting was 77%; (877 out of total 1112 EWARS sentinel sites). (13) Governorates have reported this week. Raqqa did not report this week due to the restrictions imposed by ISIS.
- ❖ Timeliness of reporting is 84%.

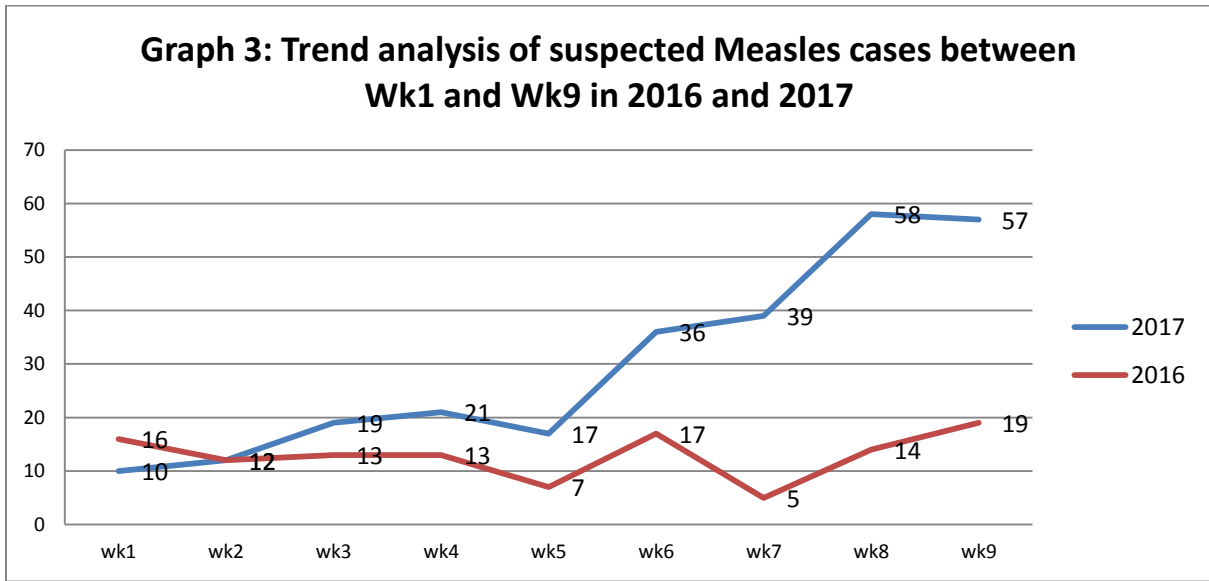
❖ The Morbidity Cases

- ❖ Out of the 184,993 total consultations, a total of 22,689 EWARS notifiable cases were reported; of which 13,931 cases were Influenza like illness (61%), 5,219 cases were Acute Diarrhoea (23%), 516 cases of AJS, 165 cases of Severe Acute Respiratory Infection, 44 cases of Bloody Diarrhoea, 57 cases of Suspected Measles, 9 cases of Suspected Meningitis, and 3 cases of Acute Flaccid Paralysis.
- ❖ Graphs 1 and 2 below show the proportional morbidity among < 5 and ≥ 5 year age groups respectively.



- ❖ AD constitutes (24.98%) among < 5 and (21.3%) among ≥ 5, while ILI constitutes (61.7%) of the cases among <5 and (60.57) among ≥ 5.
- ❖ 50% of the cases were distributed among males. 57% of the cases were distributed among ≥ 5 age group.
- ❖ In total 2,745 cases were reported as “other diseases”. The most important diseases reported within this group were; 823 cases of Leishmaniasis (most of which were reported from Idleb 45%, Aleppo 18%, and Hama 17), 247 cases of Typhoid (most of which were reported from Idleb 53%, DierEzor 30%, and Hama 8%), 158 cases of Brucellosis, 50 cases of Pertussis, and 21 cases of TB.

Graph 3 shows the trend analysis of suspected Measles cases reported between week 1 and week 9 of 2016 and 2017. It shows significant increase in the number of reported SM cases in 2017.



Graph 4 shows comparison in the number of positive Measles cases reported during February and January of 2016 and 2017.

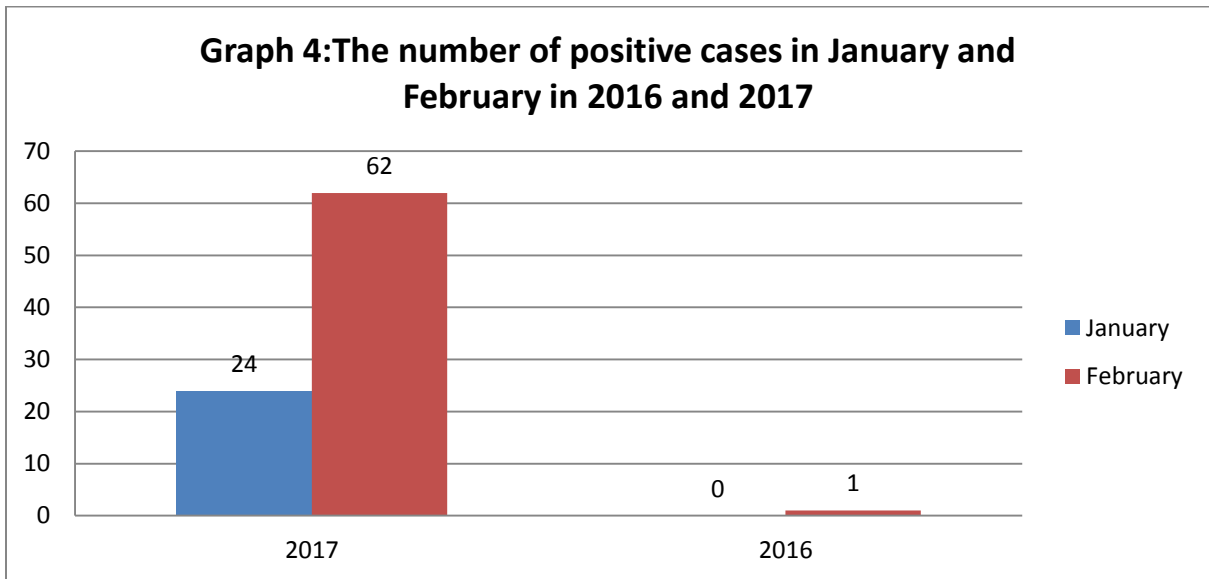


Table 2 shows a comparison between reported cases in week 8 & week 9. It shows no significant increase in the reported cases through the EWARS.

Table 2: comparison between reported cases in week 8 and week 9 in 2017

Disease	Week 8	Week 9
AD	5144	5219
BD	43	44
AWD	0	0
AJS	542	516
ILI	15802	13931
AFP	4	3
SM	58	57
SMN	6	9
SARI	203	165
TYF	277	247
PER	30	50
LSH	674	823
BRU	109	158
TB	18	21
SCA	499	492
LIC	1248	861
CHP	190	222
Others	140	93

❖ The Response

Acute flaccid paralysis: Stool samples were collected from AFP cases and sent to the reference lab in Damascus. Laboratory test for AFP cases detected in week 8 showed negative results for Polio. The next round of Polio national immunization campaign will be conducted between 12 & 16 of March 2017.

Measles: (62) laboratory confirmed cases out of (100) samples tested were reported in February 2017, comparing with one positive case out of 30 tested same period last year. Cases are reported from the governorates of Rural Damascus, Damascus, Daraa and Quniatera.

In addition to the responses measures mentioned in previous bulletins; the RRT of Daraa governorate contacted the following measures:

- Three blood samples were collected and sent to the reference lab in Damascus, the lab tests showed positive results for Measles.
- MMR vaccine was provided to 257 children from 1 to 12 years old in both affected towns in addition to two nearby towns.
- Vitamin A was provided 593 children from 6 months to 12 years old.

Table-1: Distribution of cases per age group, and by Governorate-week- 9, 2017:

Code	age group	Idleb	Hassaka	Raqqa	Sweida	Qunaitra	Lattakia	Aleppo	Hama	Homs	Daraa	Damascus	DierEzor	Rural Damascus	Tartous	Grand Total
AD	< 5	272	22	0	59	33	260	510	75	103	153	450	301	163	38	2439
	≥ 5	246	7	0	66	38	296	557	87	95	121	615	342	232	78	2780
BD	< 5	2	0	0	3	0	2	3	1	0	3	1	14	0	0	29
	≥ 5	0	0	0	3	0	3	3	0	0	1	5	0	0	0	15
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	67	0	0	0	2	2	18	4	2	15	10	24	7	2	153
	≥ 5	52	0	0	8	4	21	73	34	6	25	64	30	12	34	363
ILI	< 5	451	38	0	145	154	1174	1074	133	243	312	641	754	542	363	6024
	≥ 5	384	29	0	321	478	1272	1021	100	322	544	851	597	1085	903	7907
AFP	< 5	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
	≥ 5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
SM	< 5	0	0	0	0	3	2	1	1	0	0	6	9	7	1	30
	≥ 5	0	0	0	0	0	0	1	0	0	6	4	6	10	0	27
SMN	< 5	0	0	0	0	0	0	0	1	0	0	1	0	0	1	3
	≥ 5	0	0	0	1	0	0	0	1	0	0	3	1	0	0	6
SARI	< 5	0	0	0	3	0	7	4	53	0	0	19	4	0	5	95
	≥ 5	0	0	0	8	0	5	1	44	4	0	6	1	0	1	70
Others	< 5	413	0	0	5	2	5	184	74	109	20	22	59	29	2	924
	≥ 5	418	6	0	7	12	71	512	205	151	34	95	192	105	13	1821
Total Sum of < 5		1205	60	0	215	194	1452	1796	342	457	503	1150	1165	748	412	9699
Total Sum of ≥ 5		1100	42	0	414	532	1668	2169	471	578	731	1643	1169	1444	1029	12990
Total		2305	102	0	726	3120	3965	813	1035	1234	2793	2334	2192	1441	22689	22689