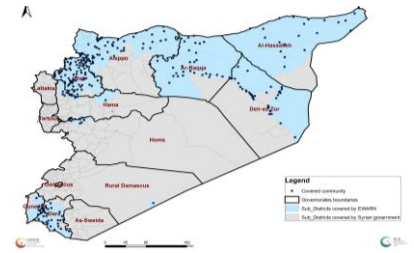
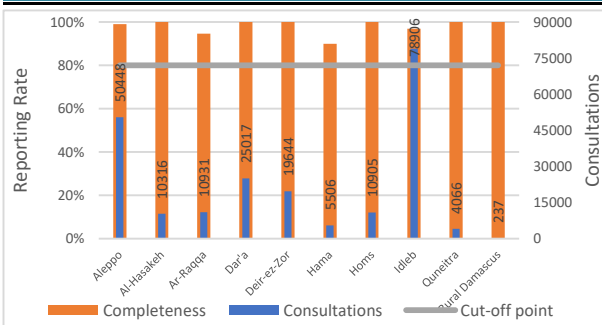


Highlights

- The measles epidemic is hitting the northern governorates of Syria, where the number of measles cases since the beginning of 2018 is 9435 cases of measles, while it was 9640 cases during 2017, out of which 525 cases reported in the first quarter of 2017.
- Under immunization is addressed as the main reason of the continuing epidemic. EWARN is coordinating with SIG in order to enhance routine vaccine centers activities and implement measles vaccine campaign in April.
- During Epi Week 16, (497/507) 98% of the health facilities across 10 Governorates provided surveillance data for all EWARN Syndroms this week 97% of reporting sites submitted the weekly reports on time.
- The consultations reported this week were 215976 (including 40% children under the age of five) compared to 230191 consultations in previous week.
- 1 AFP (Acute Flaccid Paralysis) cases were reported deir-ez-zor 1
- EWARN lab reported: 119 positive cases for Measles IgM (A'zaz 20, Jebel Saman 1, Al Bab 4, Menbij 16 , Jarablus 15, Qamishli 4, Al-Hasakeh 1, Ar Raqqa 10, Ath-Thawrah 3, Harim 38, and Jisr-Ash-Shugur 7), 3 positive cases for Mumps IgM (Menbij 2 , A'zaz 1) and 31 positive cases for HAV IgM (Idleb 2, Harim 27 , Menbij 2).
- The number of SARI cases was 398, with highest number of alerts in Ar Raqqa district (11 alerts).
- The number of OAD cases have not doubled this week
- The highest syndromes reported were respectively: ILI (19448) , OAD (15565) and STF (1184).
- Al-Hasakeh governorate recorded the highest proportional morbidity for OAD (27.1%) , ILI (28.6%),and AJS (1.8%).
- Deir ez Zor governorate recorded the highest proportional morbidity for STF (2.1%), ABD (1.6%) and Leish (2.4%).

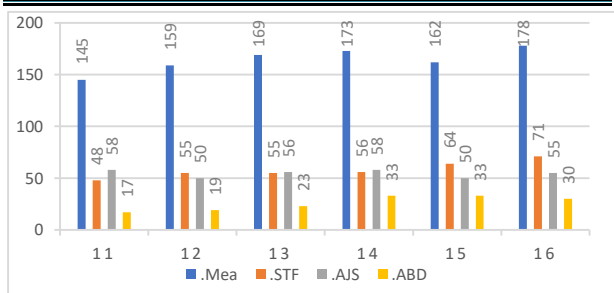


Reporting Rate and Consultations

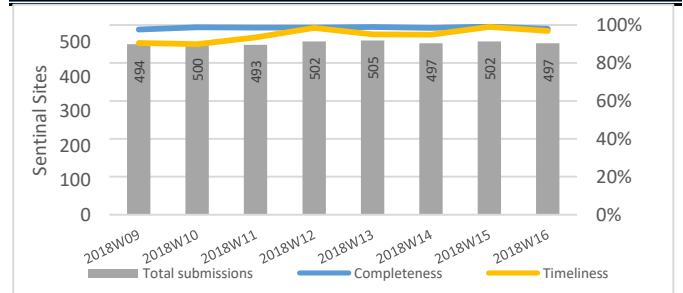


Governorate	Reporting Sites	No. Sentinal Sites	Completeness
Aleppo	98	99	99%
Al-Hasakeh	89	89	100%
Ar-Raqqa	71	75	95%
Dar'a	31	31	100%
Deir-ez-Zor	51	51	100%
Hama	9	10	90%
Homs	12	12	100%
Idlib	124	128	97%
Quneitra	11	11	100%
Rural Damascus	1	1	100%
Total	497	507	98%

Numbers of Top 4 Alerts

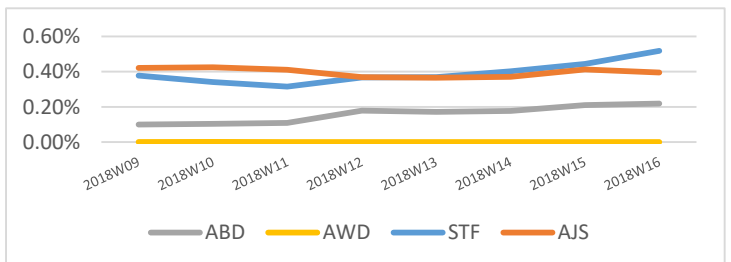
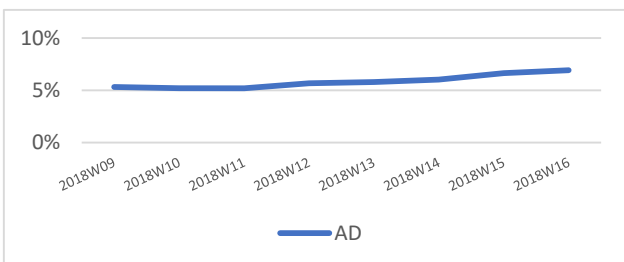


Reporting Rate and Timeliness



Water Borne Diseases details

- The number of the reported STF cases was 1184, as well as 925 new cases of AJS were reported.
- EWARN reported 15565 OAD cases, the number of OAD cases doubled only in:
- Water borne diseases risk scale is being generated and followed on community level and on monthly basis in all EWARN coverage areas.
- EWARN informed partners & WASH team about the districts with high WBD levels.



Vaccine Preventable Diseases details

In Epi-week 16 /2018, 738 cases of suspected measles were reported.

- 54 suspected measles cases were investigated in Epi week 16 : Aleppo rural 22, Idleb rural 22, Hama 2 , Ar Raqqa 3 and Al Hasakeh 5.

- EWARN labs reported 119 positive cases for Measles IgM out of 139 specimens: A'az 20, Jebel Saman 1, Al Bab 4, Membij 16 , Jarablus 15, Qamishli 4, Al-Hasakeh 1, Ar Raqqa 10, Ath-Thawrah 3, Harim 38, and Jisr-Ash-Shugur 7.

- In the Epi week 16/2018, 272 new cases of suspected measles were reported from Idleb governorate(Al Ma`ra 10, Ariha 11, Harim 137, Idleb 85, and Jisr-Ash-Shugur 29), in addition to 232 suspected cases from Ar-Raqqa governorate (Ar Raqqa district 197 ,Tell Abiad 10, Ath-Thawrah 25). While reporting another 119 new cases were from Aleppo governorate (Jebel Saman 22, Membij 9, Jarablus 38, A'zaz 26, Al Bab 21, Ain Al Arab 3).

- The reporting of new measles cases from different areas of Deir-ez- Zor ,Ar Raqqa , rural Aleppo and Idleb is still ongoing.

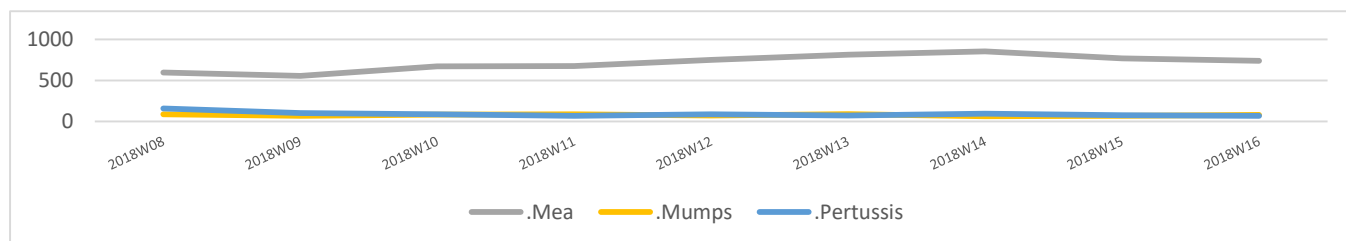
- It was recommended to: isolate the cases, personal hygiene, providing vitamin A and explain to parents about the importance of the vaccine.

- Implementation MR vaccination campaign for the children aged 6 to 59 months in both Jarablus and Al Bab districts in between 14th – 24th April and in coordination with SIG. In Jarablus : the coverage was 86% (20.973 vaccinated children) , in Al Bab: the coverage was 85% (45.338 vaccinated number).

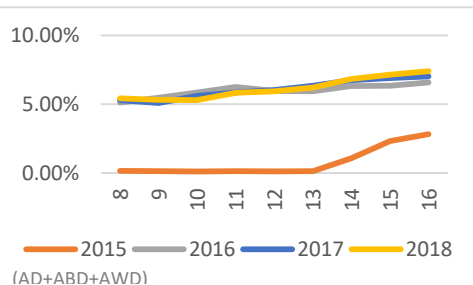
AEFI surveillance is ongoing during the campaign by EWARN team in full coordination with the field teams in vaccination centers.

- The number of the reported suspected Pertussis cases was 68, the highest number reported from Al Mayadin district (21 cases).

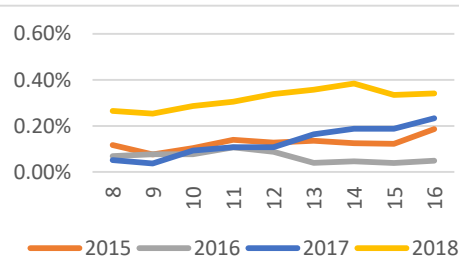
- The number of the reported suspected Mumps cases was 78, the highest number reported from Jebel Saman district (18 cases).



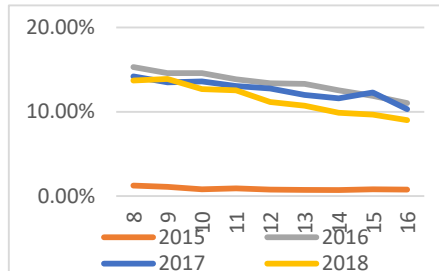
Prop. Morb. of Diarrheal Diseases



Prop. Morb. of Measles



Prop. Morb. of ILI



Case Numbers By Governorate and Age

Gov. & Age	OAD	ABD	AWD	STF	AJS	ILI	SARI	AFP	Mea	Men	UCE	UCD	Leish	Others	Total	
Aleppo	<5	1661	11	0	12	25	2731	24	0	78	3	0	60	13200	17805	
	≥5	1194	8	0	222	53	2849	1	0	41	1	0	143	28131	32643	
Idleb	<5	2164	3	0	37	81	2248	63	0	164	18	0	142	24021	28941	
	≥5	1410	1	0	216	139	1994	25	0	108	6	0	418	45648	49965	
Hama	<5	225	0	0	0	0	448	0	0	4	0	0	23	1049	1749	
	≥5	239	0	0	6	0	364	0	0	1	0	0	52	3095	3757	
Ar-raqqa	<5	520	15	0	20	78	601	69	0	132	7	1	91	3360	4894	
	≥5	357	13	0	44	86	537	67	0	100	0	1	132	4700	6037	
Deir-ez-Zor	<5	1412	167	0	102	91	1011	24	1	60	10	0	213	6134	9225	
	≥5	1261	143	0	315	140	997	6	0	43	4	0	268	7242	10419	
Al-Hasakeh	<5	1675	38	0	21	93	1821	64	0	2	19	0	39	2357	6129	
	≥5	1116	20	0	38	93	1129	37	0	1	11	0	40	1702	4187	
Homs	<5	442	1	0	6	6	679	0	0	0	0	0	0	3382	4516	
	≥5	346	1	0	5	10	521	0	0	0	0	0	0	5506	6389	
R. Damascus	<5	5	0	0	0	0	2	0	0	0	0	0	0	43	50	
	≥5	4	0	0	0	4	21	0	0	0	0	0	0	158	187	
Dar'a	<5	719	2	0	14	9	558	10	0	3	1	0	1	9186	10503	
	≥5	434	2	0	109	17	555	8	0	1	0	0	6	13382	14514	
Quneitra	<5	271	0	0	2	0	153	0	0	0	0	0	0	1512	1938	
	≥5	110	0	0	15	0	229	0	0	0	0	0	0	1774	2128	
Total		15565	425	0	1184	925	19448	398	1	738	80	2	0	1628	175582	215976

Alerts' Numbers by District

Governorate	District	Sub-district	ABD	AJS	Leish	Mea	OAD	SARI	STF
Al-Hasakeh	Al Malika	Ya'robiyah	1					1	
Al-Hasakeh	Al-Hasakeh	Al-Hasakeh				1			
Al-Hasakeh	Quamishli	Amuda		1					1
Aleppo	A'zaz	Suran				1			
Aleppo	Ain Al Arab	Ain al Arab				1			
Aleppo	Ain Al Arab	Lower Shyookh				1			
Aleppo	Ain Al Arab	Sarin				1			
Aleppo	Jebel Saman	Atareb			1				1
Aleppo	Jebel Saman	Haritan				1			1
Aleppo	Menbij	Abu Qalqal		1					
Ar-Raqqa	Al-Thwarah	Al-Thawrah				1	1		
Ar-Raqqa	Al-Thwarah	Jurneyyeh							1
Ar-Raqqa	Ar-Raqqa	Ar-Raqqa			1				
Ar-Raqqa	Ar-Raqqa	Sabka		1					
Ar-Raqqa	Tell Abiad	Tell Abiad							1
Dar'a	Dar'a	Ash-Shajara				1			
Dar'a	Dar'a	Dar'a		1					
Dar'a	Dar'a	Kherbet Ghazala				1			
Deir-ez-Zor	Al Mayadin	Thiban		1					
Deir-ez-Zor	Deir-ez-Zor	Basira			1				
Deir-ez-Zor	Deir-ez-Zor	Deir-ez-Zor			1				
Deir-ez-Zor	Deir-ez-Zor	Kisreh			1				
Deir-ez-Zor	Deir-ez-Zor	Sur			1				
Hama	As Suqaylabiyah	Ziyara				1			
Hama	Hama	Hamra				1			
Idleb	Al Ma'ra	Heish			1	1			
Idleb	Al Ma'ra	Khan Shaykun							1
Idleb	Al Ma'ra	Ma'arrat An Nu'man			1				
Idleb	Ariha	Ehsem				1			
Idleb	Ariha	Mhambal				1			
Idleb	Harim	Dana			1				
Idleb	Harim	Kafr Takharim				1			
Idleb	Idleb	Saraqab			1				
Idleb	Jisr-Ash-Shugur	Jisr-Ash-Shugur				1			

Ps: The colored cells represent the highest alerts for each surveyed syndrome on district level

Lab Activities Epi Week 16

Syndrome	Pattern analysis	No. of Sampels	No. of positive samples	Positive sample distribution (District)
Measles	Measles IgM	139	119	1 Jabal'Saman, 15 Jarablus , 20 A'zaz 4 Al'Bab,16 Menbij, 10 Ar-Raqqa,3 Ath-thara, 4 Quameshli, 1 Al-Hasakeh, 38 Harim, 7 Jisr-Ashugur
Rubella	Rubella IgM	20	All suspected samples for Rubella IgM were negative	
he Jaundice Syndr	HAV IgM	32	31	2 Idleb, 27 Harim , 2 Menbij
Mumps	Mumps IgM	6	3	2 Menbij, 1 A'zaz

Abbreviations

ABD	Acute Bloody Diarrhea	Mea	suspected Measles
OAD	Other Acute Diarrhea	Men	suspected Meningitis
AFP	Acute Flaccid Paralysis	Prop.Morb.	Proportional Morbidity
AJS	Acute Jaundice Syndrome	SARI	Severe Acute Respiratory Illness
AWD	Acute Watery Diarrhea	UCE	Unexplained Cluster Of Health Events
ILI	Influenza-like Illness	UCD	Unexplained Death
WASH	Water Sanitation Hygine	WBD	Water Borne Diseases
VPD	Vaccine Preventable Diseases	ARI	Acute Respiratory Illness