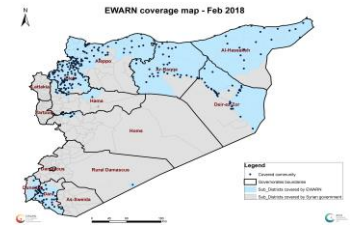
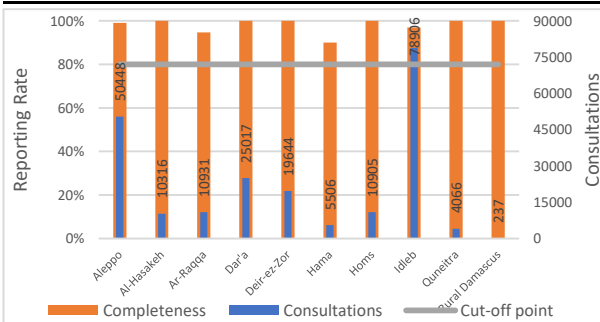


Highlights

- The measles epidemic is hitting the northern governorates of Syria, where the number of measles cases since the beginning of 2018 is 10370 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.
- During Epi Week 17, (501/508) 99% of the health facilities across 10 Governorates provided surveillance data for all EWARN Syndroms this week 98% of reporting sites submitted the weekly reports on time.
- The consultations reported this week were 235344 (including 40% children under the age of five) compared to 215976 consultations in previous week.
- 2 AFP (Acute Flaccid Paralysis) cases were reported Aleppo 1 - Deir-ez-zor 1
- EWARN labs reported: 52 positive cases for Measles IgMin : Ain Al Arab 7 , Qamishli 1, Ras Al Ain 3, Harim 24, Mar'a 12, and As-Suqaylabiyah 5 and 5 positive cases for HAV IgM (Idleb 3, Menbij 2).
- The number of SARI cases was 304 with highest number of alerts in Ar Raqqa district (5 alerts). The highest syndromes reported were respectively: ILI (21329) , OAD (16313) and STF (1100). Al-Hasakeh governorate recorded the highest proportional morbidity for OAD (27.4%) , ILI (30.0%),SARI (1.0%) and AJS (1.6%). Deir ez Zor governorate recorded the highest proportional morbidity for STF (2.3%), ABD (1.4%) and Leish (2.8%).

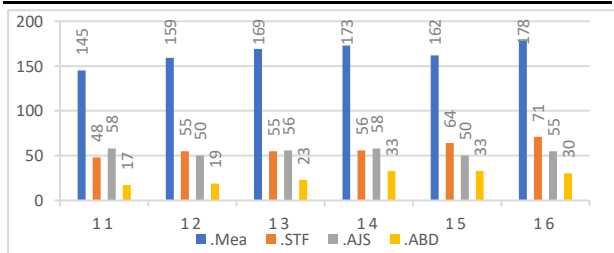


Reporting Rate and Consultations

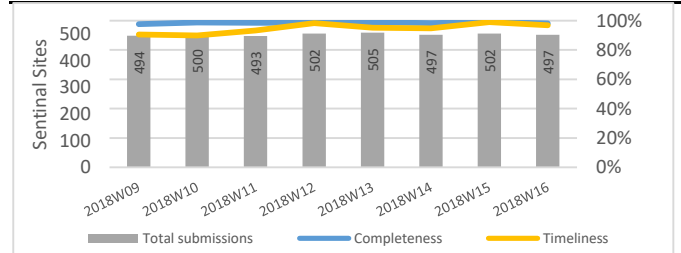


Governorate	Reporting Sites	No. Sentinal Sites	Completeness
Aleppo	98	99	99%
Al-Hasakeh	89	90	99%
Ar-Raqqa	72	74	97%
Dar'a	31	31	100%
Deir-ez-Zor	51	51	100%
Hama	8	9	89%
Homs	12	12	100%
Idleb	128	130	98%
Quneitra	11	11	100%
Rural Damascus	1	1	100%
Total	501	508	99%

Numbers of Top 4 Alerts

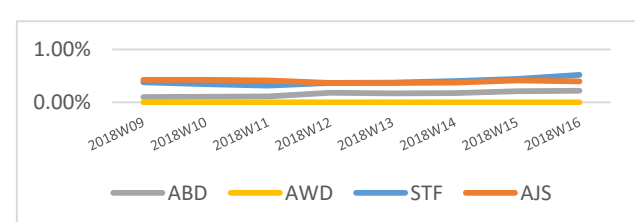
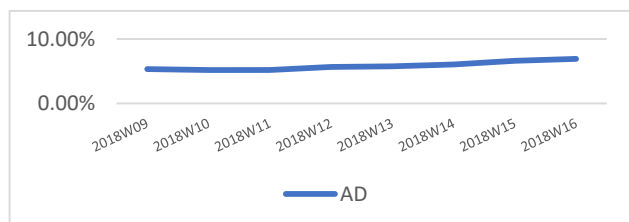


Reporting Rate and Timeliness



Water Borne Diseases details

- The number of the reported STF cases was 1100, as well as 887 new cases of AJS were reported.
- EWARN reported 16313 OAD cases
- Follow up the outbreak of Acute Bloody Diarrhea (ABD) from Kisreh sub-district in Deir ez-Zor. Since 14th March, 246 new cases were reported up to Epi week 17 (13 cases < 5 years and 233 ≥ 5 years), 8 of them were admitted to the hospital while no deaths due to acute bloody diarrhea were reported. 5 Stool specimens were collected and sent to EWARN lab to verify the pathogen. EWARN team will distribute household aqua tabs, conducting health awareness campaign in camps, schools and for community leaders in those villages, distribution of brochures and fliers, training on cholera and water treatment methods for health workers and WASH team in the area.
- Recommendations:** the efforts should be intensified to provide clean drinking water especially in the camps, appropriate medical support for case management, ongoing awareness campaigns on hygiene and water treatment at home
- 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 17 /2018, 935 cases of suspected measles were reported.

- 85 suspected measles cases were investigated in Epi week 17 : Aleppo rural 25, Idleb rural 37, Hama 4 , Homs 1, Dar`a 4 , Deir ez Zor 1, Ar Raqqa 4 and Al Hasakeh 9.

- EWARN labs reported 52 positive cases for Measles IgM out of 62 specimens: Ain Al Arab 7 , Qamishli 1, Ras Al Ain 3, Harim 24, Mar`a 12, and As-Suqaylabiyah 5.

- In the Epi week 17/2018, 357 new cases of suspected measles were reported from Idleb governorate(Al Ma`ra 34, Ariha 4, Harim 162, Idleb 136, and Jisr-Ash-Shugur 21), in addition to 278 suspected cases from Ar-Raqqa governorate (Ar Raqqa district 227, Tell Abiad 7, Ath-Thawrah 44). While reporting another 166 new cases were from Aleppo governorate (Jebel Saman 34, Membij 3, Jarablus 38, A`zaz 54, Al Bab 30, Ain Al Arab 7).

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

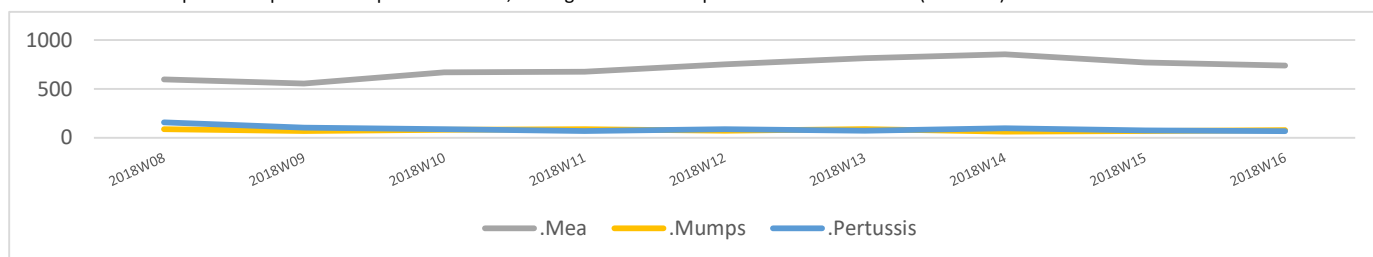
- It was recommended to: isolate the cases, personal hygiene, providing vitamin A and explain to parents about the importance of the vaccine.

- 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).

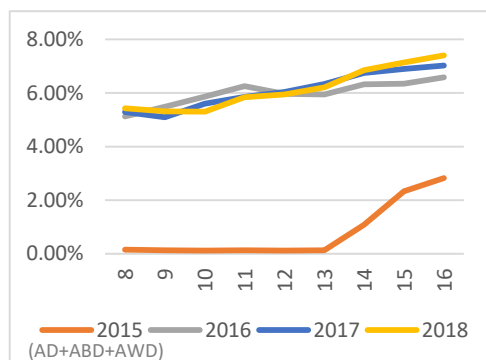
AEFI surveillance is ongoing during the campaign by EWARN team in full coordination with the field teams in vaccination centers.

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

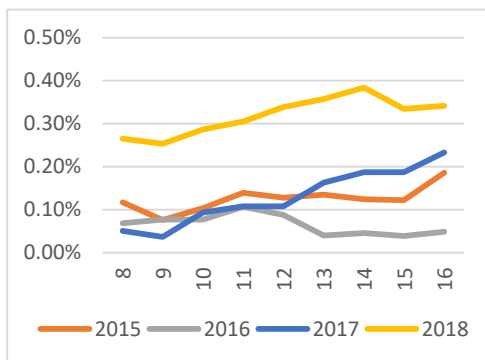
- The number of the reported suspected Mumps cases was 87, the highest number reported from A`zaz district (18 cases) .



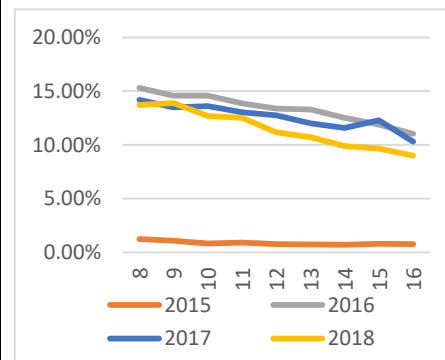
Prop. Morb. of Diarrheal Diseases



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	1761	12	0	9	28	2824	19	0	102	1	0	59	13328	18143
	≥5	1324	7	0	102	47	3051	3	1	64	2	0	122	29273	33996
Idleb	<5	2404	3	0	44	95	2912	41	0	238	20	0	192	27738	33687
	≥5	1460	4	0	264	143	3270	26	0	119	9	0	584	56595	62474
Hama	<5	199	0	0	0	0	406	0	0	4	0	0	12	1245	1866
	≥5	251	0	0	4	0	354	0	0	2	0	0	39	3186	3836
Ar-raqqqa	<5	514	10	0	16	63	488	33	0	138	1	1	82	3318	4664
	≥5	339	21	0	37	43	379	20	0	140	1	0	96	4822	5899
Deir-ez-Zor	<5	1458	158	0	102	109	919	24	1	63	12	0	265	6290	9401
	≥5	1340	125	0	354	144	870	6	0	55	2	0	287	7398	10581
Al-Hasakeh	<5	1790	51	0	22	81	1966	67	0	5	16	0	41	2380	6419
	≥5	1147	20	0	33	91	1251	43	0	0	11	0	35	1660	4291
Homs	<5	432	1	0	2	8	705	1	0	0	0	0	2	3281	4432
	≥5	349	0	0	7	9	507	0	0	0	0	0	1	5312	6185
R. Damascus	<5	8	1	0	0	0	34	0	0	2	0	0	0	67	112
	≥5	1	1	0	0	0	11	0	0	0	0	0	0	236	249
Dar'a	<5	759	1	0	3	8	503	11	0	2	4	0	2	9264	10557
	≥5	409	5	0	91	18	544	10	0	1	0	1	9	13617	14705
Quneitra	<5	254	0	0	1	0	130	0	0	0	0	0	0	1347	1732

≥5	114	0	0	9	0	205	0	0	0	0	0	0	0	1787	2115
Total	16313	420	0	1100	887	21329	304	2	935	79	3	0	1828	192144	235344

Alerts' Numbers by District

Governorate	District	Sub-district	ABD	AJS	Leish	Mea	OAD	SARI	STF
Al-Hasakeh	Al Malika	Al Malika				1			
Al-Hasakeh	Quamishli	Qahtaniyyeh				1		1	
Al-Hasakeh	Quamishli	Quamishli				1			
Al-Hasakeh	Ras Al Ain	Darbasiyah							1
Aleppo	A'zaz	Aghtrin				1			
Aleppo	A'zaz	Suran					1		
Aleppo	Ain Al Arab	Ain al Arab				1			
Aleppo	Jarablus	Jarablus						1	
Aleppo	Jebel Saman	Atareb			1				
Aleppo	Jebel Saman	Daret Azza				1			
Aleppo	Jebel Saman	Haritan							1
Aleppo	Jebel Saman	Zarbah				1			
Ar-Raqqa	Al-Thwarah	Al-Thwarah				1			
Ar-Raqqa	Ar-Raqqa	Ar-Raqqa	1		1				
Ar-Raqqa	Tell Abiad	Suluk		1					
Dar'a	Dar'a	Busra Esh-Sham				1			
Dar'a	Dar'a	Jizeh				1			
Dar'a	Izra'	Nawa							1
Deir-ez-Zor	Abu Kamal	Susat				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	Hama	Hamra				1			
Idleb	Al Ma'ra	Heish			1				
Idleb	Al Ma'ra	Kafr Nobol				1			
Idleb	Al Ma'ra	Ma'arrat An Nu'man			1	1			
Idleb	Ariha	Ariha			1				1
Idleb	Harim	Armanaz							1
Idleb	Harim	Dana			1				
Idleb	Harim	Harim				1			
Idleb	Harim	Qourqeena							1
Idleb	Idleb	Idleb				1			
Idleb	Idleb	Saraqab			1			1	
Idleb	Idleb	Teftnaz		1					
Idleb	Jisr-Ash-Shugur	Janudiyeh				1			
Idleb	Jisr-Ash-Shugur	Jisr-Ash-Shugur							1
Rural Damascus	Duma	Sabe Byar				1			

Lab Activities Epi Week 17

Syndrome	Pattern analysis	No. of Sampels	No. of positive samples	Positive sample distribution (District)
Measles	Measles IgM	0	52	7 Ain'AlArab, 3 Ras'AlAin , 1 Quamishli 5 As-suqaylbiyah,12 Al'ma'ra, 24 Harim
Rubella	Rubella IgM	0	All suspected samples for Rubella IgM were negative	
Acute Jaundice Syndrome	HAV IgM	0	5	3 Idleb, , 2 Menbij

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