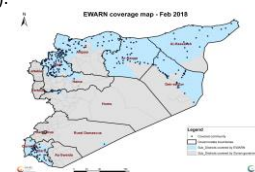


Highlights

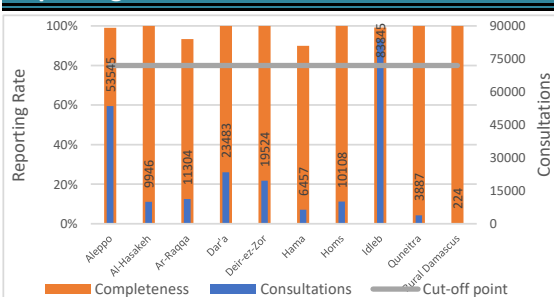
- The measles epidemic is hitting the northern governorates of Syria, where the number of measles cases since the beginning of 2018 is 7927 cases of measles, while it was 9640 cases during 2017, out of which 525 cases reported in the first quarter of 2017
Under immunization is addressed as the main reason 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 14, (497/505) 98% of the health facilities across 10 Governorates provided surveillance data for all EWARN Syndroms this week 95% of reporting sites submitted the weekly reports on time.
- The consultations reported this week were 222323 (including nearly 40% children under the age of five) compared to 227624 consultations in previous week.
- 3 AFP (Acute Flaccid Paralysis) cases were reported 2 Idleb - 1 Deir-ez-zor
- EWARN labs reported: 39 positive cases for Measles IgM (Jebel Saman 1, Al Hasakeh 3, Qamishli 1, Al-Malikeyyeh 1, Harim 16, Idleb 9, Al Ma'ra 4, Jisr-Ash-Shugur 2, As-Suqaylabiyah 2), 4 positive cases for Mumps IgM (Menbij 3, Jebel Saman 1) and 4 positive cases for HAV IgM (Idleb).
- The number of SARI cases was 439 with highest number of alerts in Ar Raqqa district (11 alerts).
- The number of OAD cases have not doubled.
- The highest syndromes reported were respectively: ILI (21983) , OAD (14755) and STF (987).

Al-Hasakeh governorate recorded the highest proportional morbidity for OAD (24.9%) , ILI (29.8%), AJS (1.8%) and SARI (1.2%).

Deir ez Zor governorate recorded the highest proportional morbidity for STF (2.1%), ABD (1.8%) and Leish (2.6%).

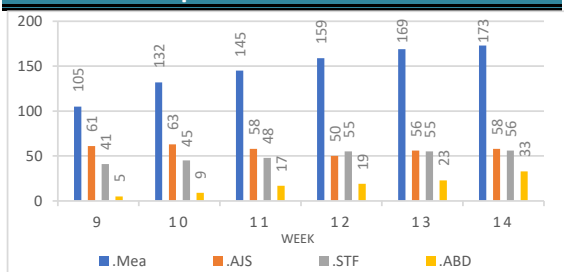


Reporting Rate and Consultations

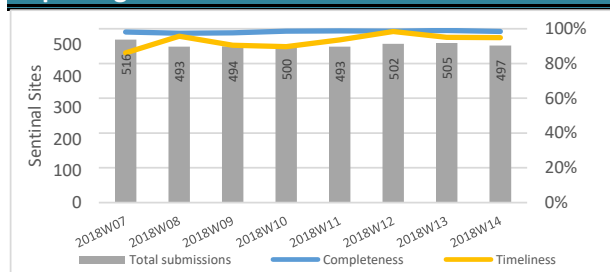


Governorate	Reporting Sites	No. Sentinal Sites	Completeness
Aleppo	99	100	99%
Al-Hasakeh	89	89	100%
Ar-Raqqa	70	75	93%
Dar'a	31	31	100%
Deir-ez-Zor	50	50	100%
Hama	9	10	90%
Homs	12	12	100%
Idleb	125	126	99%
Quneitra	11	11	100%
Rural Damascus	1	1	100%
Total	497	505	98%

Numbers of Top 4 Alerts



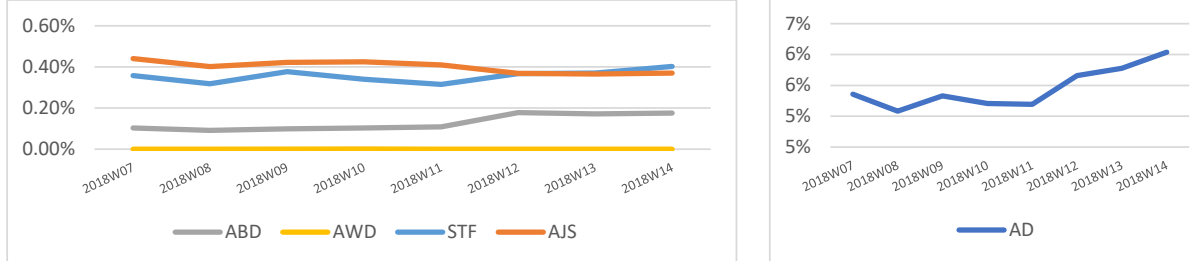
Reporting Rate and Timeliness



Prop. Morb. of Water Borne Diseases

- The number of the reported STF cases was 987, as well as 919 new cases of AJS were reported.
- EWARN reported 14755 OAD cases, The number of OAD cases have not doubled.
- On 5th April, an alert of Acute Jaundice Syndrome (AJS), was received from Al Ber Association health facility in Armanaz_ Idleb, the alert was verified and confirmed then tens of cases were investigated in a line list. Most cases were reported from the northern neighborhood and the schools there. In Epi week 14: 49 cases were reported from the Health facility. Majority of the cases were managed conservatively whereas the sever cases managed with I.V fluids, while no deaths were reported. Laboratory investigation for 27 cases and all of them were Positive for HAV IgM.
Water sources: Armanaz station provides chlorinated water Sequentially to the neighborhoods, in addition to many private shallow wells. Upon testing the water specimens from multiple sources, it shows the contamination in the northern neighborhood well, whereas the other specimens were negative. The tank in the school was dirty and contain sediment.
Urgent response actions: EWARN team met with in-charge people in the school in order to promote the hygiene awareness for the students, as well as a medication kit was provided to the reporting health facility for proper case management.
Recommendations: disinfection of the contaminated well, securing new tanks for the school, provision of medicines and hygiene promotions, health awareness campaign for the population with IEC materials dissemination.
- 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.

Prop. Morb. of Water Borne Diseases



Vaccine Preventable Diseases details

In Epi-week 14 /2018, 854 cases of suspected measles were reported.

- 50 suspected measles cases were investigated in Epi week 14 : Aleppo rural 10, Idleb rural 29, Ar Raqqa 4 , and Al Hasakeh 7.

- EWARN labs reported 39 positive cases for Measles IgM out of 50 specimens: Jebel Saman 1, Al Hasakeh 3, Qamishli 1, Al-Malikeyyeh 1, Harim 16, Idleb 9, Al Ma`ra 4, Jisr-Ash-Shugur 2, and As-Suqaylabiyah 2.

- In the Epi week 14/2018, 260 new cases of suspected measles were reported from Ar-Raqqa governorate (Ar Raqqa district 228 ,Tell Abiad 13, Ath-Thawrah 19), in addition to another 211 new cases were reported from Deir ez Zor (Deir ez Zor district 194, Al Mayadin 15, and Abu Kamal 2). While reporting in Idleb 242 cases of suspected measles, as follows: Al Ma`ra 9, Ariha 5, Harim 140, Idleb 71, and Jisr-Ash-Shugur 17.

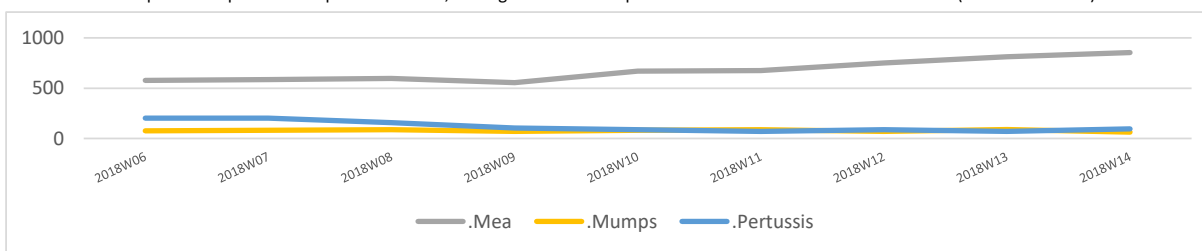
- The reporting of new measles cases from different areas of Deir-ez- Zor ,Ar Raqqa , rural Aleppo and Idleb is still ongoing.

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

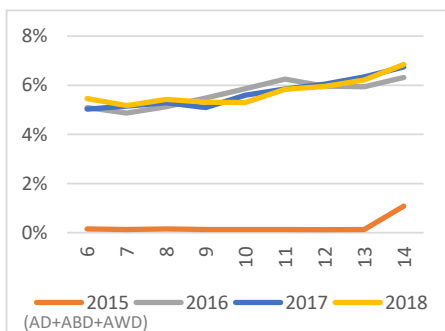
- An emergency vaccination response is ongoing in coordination with SIG in Idleb and Idleb rural, Aleppo and Hama rural to enhance the immunity for the people in those areas including displaced people from eastern Gota.

- The number of the reported suspected Pertussis cases was 96, the highest number reported from Ar Raqqa district (47 cases).

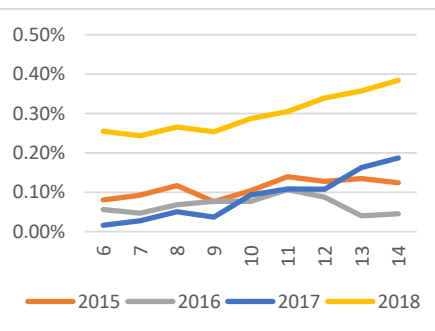
- The number of the reported suspected Mumps cases was 63, the highest number reported from A`zaz and Jebel Saman district (10 cases in each).



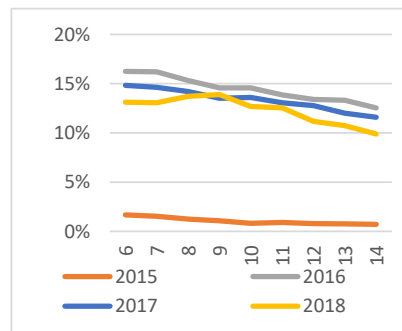
Prop. Morb. of Diarrheal Diseases



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	1656	12	0	9	36	3088	34	0	72	5	0	0	65	13937	18914
	≥5	1183	7	0	90	48	3097	4	0	57	2	0	0	181	29962	34631
Idleb	<5	2074	6	0	31	88	2753	56	1	165	14	0	0	258	25288	30734
	≥5	1541	2	0	199	127	2304	30	1	77	8	4	0	453	48365	53111
Hama	<5	268	1	0	2	0	633	0	0	2	0	0	0	35	1255	2196
	≥5	298	0	0	2	1	426	0	0	0	0	0	0	58	3476	4261
Ar-raqqa	<5	430	12	0	28	85	585	67	0	153	9	1	0	124	3796	5290
	≥5	292	11	0	46	72	499	70	0	107	2	0	0	154	4761	6014
Deir-ez-Zor	<5	1266	171	0	107	101	1219	28	1	103	18	0	0	221	5547	8782
	≥5	1187	187	0	310	144	1299	10	0	108	5	0	0	288	7204	10742

Al-Hasakeh	<5	1466	42	0	24	92	1897	80	0	4	15	0	0	43	2363	6026
	≥5	1012	14	0	33	88	1069	42	0	2	9	0	0	35	1616	3920
Homs	<5	384	2	0	3	5	697	0	0	0	0	0	0	1	3143	4235
	≥5	313	0	0	4	4	550	0	0	0	0	0	0	1	5001	5873
R. Damascus	<5	3	0	0	0	0	6	0	0	0	0	0	0	0	27	36
	≥5	3	0	0	0	0	4	0	0	1	0	0	0	0	180	188
Dar'a	<5	692	1	0	4	8	727	10	0	2	2	0	0	0	9157	10603
	≥5	393	0	0	89	20	757	8	0	1	0	0	0	3	11609	12880
Quneitra	<5	203	0	0	0	0	170	0	0	0	0	0	0	0	1490	1863
	≥5	91	0	0	6	0	203	0	0	0	0	0	0	0	1724	2024
Total		14755	468	0	987	919	21983	439	3	854	89	5	0	1920	179901	222323

Alerts' Numbers by District

Governorate	District	Sub-district	ABD	AJS	Leish	Mea	OAD	SARI	STF
Al-Hasakeh	Al Malika	Jawadiyah				1			
Al-Hasakeh	Quamishli	Amuda	1						
Aleppo	A'zaz	Aghtrin				1			
Aleppo	Afrin	Afrin					1		
Aleppo	Ain Al Arab	Sarin						1	
Aleppo	Al Bab	Al Bab							1
Aleppo	Al Bab	Ar-Ra'ee				1			
Aleppo	Jarablus	Ghandorah				1			
Aleppo	Jarablus	Jarablus				1			
Aleppo	Jebel Saman	Atareb			1				
Ar-Raqqa	Ar-Raqqa	Ar-Raqqa	1		1				
Ar-Raqqa	Ar-Raqqa	Maadan				1			
Dar'a	Dar'a	Busra Esh-Sham				1			
Dar'a	Dar'a	Da'el					1		1
Dar'a	Dar'a	Mzeireb							1
Dar'a	Izra'	Jasim							1
Dar'a	Izra'	Tassil					1		
Deir-ez-Zor	Al Mayadin	Thiban	1						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	Madiq Castle				1			
Hama	Muhradah	Kafr Zeita					1		
Idleb	Al Ma'ra	Heish			1				1
Idleb	Al Ma'ra	Ma'arrat An Nu'man			1				
Idleb	Al Ma'ra	Sanjar				1			
Idleb	Ariha	Ehsem				1			
Idleb	Harim	Armanaz		1					
Idleb	Harim	Dana			1				
Idleb	Harim	Harim				1			
Idleb	Idleb	Idleb				1			
Idleb	Idleb	Saraqab			1	1			
Idleb	Jisr-Ash-Shugur	Badama				1			
Idleb	Jisr-Ash-Shugur	Janudiyeh				1			
Rural Damascus	Duma	Sabe Byar				1			

Lab Activities Epi Week 14

Syndrome	Pattern analysis	No. of Sampels	No. of positive samples	Positive sample distribution (District)
Measles	Measles IgM	50	39	1 Jabal'Saman, 3 Al'Hasaka, 1 Quameshli, 1 Al-Malikeyeh, 9 Idleb, 16 Harim, 4 Ma'arah, 2 Jisr-Ash-shugur, 2 Al'Suqeilbeyah
Rubella	Rubella IgM	11	All suspected samples for Rubella IgM were negative	
Acute Jaundice Syndrome	HAV IgM	6	4	4 Idleb
Mumps	Mumps IgM	5	4	3 Menbij ,1 Jabal'Saman

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