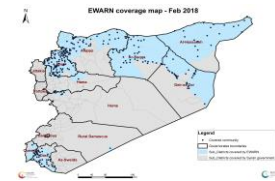
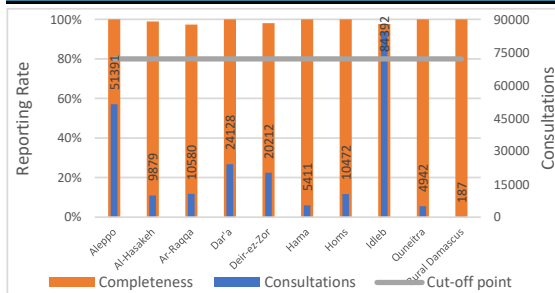


Highlights

- The measles epidemic is hitting the northern governorates of Syria, where the number of measles cases since the beginning of 2018 is 6260 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 12, (502/509) 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 221594 (including 40% children under the age of five) compared to 221628 consultations in previous week.
- 8 AFP (Acute Flaccid Paralysis) cases were reported 3 Idleb - 2 Ar-raqqa - 2 Deir-ez-zor - 1 Aleppo
- EWARN labs reported: 146 positive cases for Measles IgM (Al Bab17, A`zaz 23, Menbij 4, Jebel Saman 4, Jarablus 5, Qamishli 2, Ar Raqqa 12, Ath Thwarah 3, Harim 20, Al Ma`ra 3, Izra` 2, Deir ez zor 34), 15 positive cases for Mumps IgM (2 Jarablus, 5 Menbij, 1 A`zaz , Idleb 7) and 2 positive cases for HAV IgM (Idleb).
- The number of SARI cases was 487 with highest number of alerts in Ar Raqqa district (12 alerts).
- The number of OAD cases have not doubled
- The highest syndromes reported were respectively: ILI (24745) , OAD (12802) and STF (819).
- Al-Hasakeh governorate recorded the highest proportional morbidity for OAD (22.5%) , ILI (30.9%) and SARI (1.4%).
- Deir ez Zor governorate recorded the highest proportional morbidity for STF (1.8%), ABD (1.4%) and Leish (3.4%).

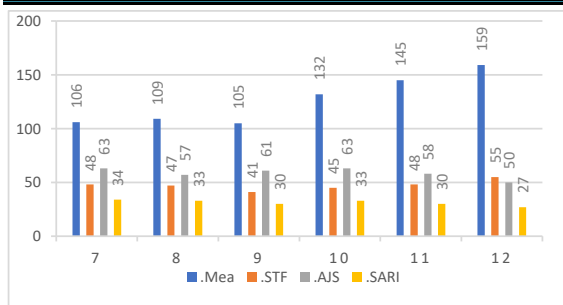


Reporting Rate and Consultations

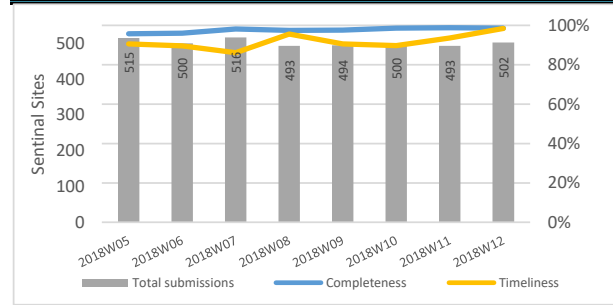


Governorate	Reporting Sites	No. Sentinal Sites	Completeness
Aleppo	99	99	100%
Al-Hasakeh	89	90	99%
Ar-Raqqa	74	76	97%
Dar'a	31	31	100%
Deir-ez-Zor	50	51	98%
Hama	10	10	100%
Homs	12	12	100%
Idleb	125	128	98%
Quneitra	11	11	100%
Rural Damascus	1	1	100%
Total	502	509	99%

Numbers of Top 4 Alerts



Reporting Rate and Timeliness



Water Borne Diseases details

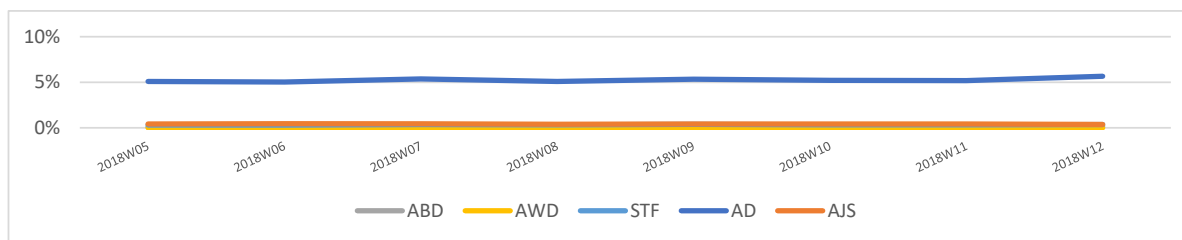
On 14th March, an alert of Acute Bloody Diarrhea (ABD), was received from Kisreh sub district in Deir ez zor. The alert was verified and confirmed in ten tens of cases were investigated in a line list. Most cases were reported from random camps located in agricultural areas and from two schools housed displaced families in Zghereh and Al-Sa`wah villages. In Epi weeks 11 and 12: 135 cases were reported from those 2 schools out of total 171 cases, 16 of which were admitted to the hospital while no deaths were reported.

Water sources: Non-treated water tanks filled from the Euphrates River, in addition to irregular water stations, there are no sewage services in the random camps neither in schools.

Urgent response actions: 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 12 /2018, 751 cases of suspected measles were reported.

- 57 suspected measles cases were investigated in Epi week 12 : Aleppo rural 10, Idleb rural 34, Hama 2, Deir ez Zor 2 , Dar`a 1 and Al Hasakeh 8.

- EWARN labs reported 141 positive cases for Measles IgM out of 180 specimens: Al Bab12, A`zaz 23, Membij 4, Jebel Saman 4, Jarablus 5, Qamishli 2, Ar Raqqa 12, Ath Thwarah 3, Harim 20, Al Ma`ra 3, Izra` 2 and Deir ez zor 34.

- In the Epi week 12/2018, 464 new cases of suspected measles were reported from Ar-Raqqa governorate (Ar Raqqa district 247 ,Tell Abiad 7, Ath-Thawrah 36), in addition to another 137 new cases were reported from Deir ez Zor (Deir ez Zor district 123, Al Mayadin 12, and Abu Kamal 2). While reporting in Aleppo 87 cases of suspected measles, as follows: Al Bab 18, A`zaz 21, Jebel Saman 7, Jarablus 35 and Membij 6.

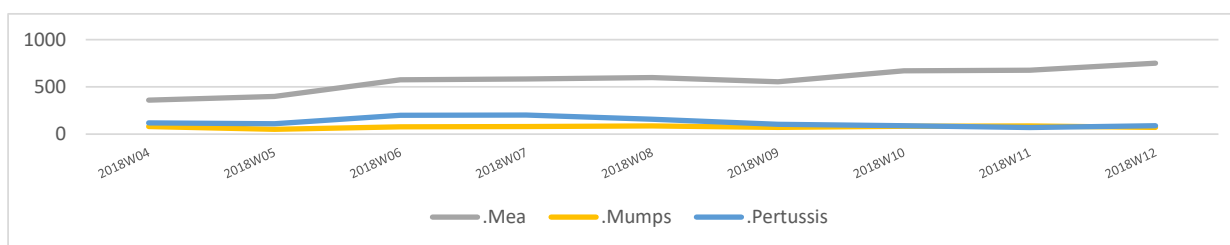
- The reporting of new measles cases from different areas of Deir-ez- Zor ,Ar Raqqa , rural Aleppo and Idleb is still ongoing.

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

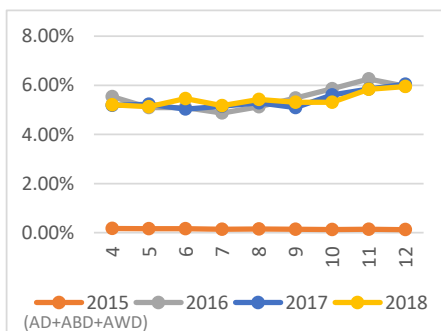
- An emergency vaccination response is ongoing in coordination with SIG in Idleb and Idleb rural, Aleppo and Hama rural to enhance the immunity for the people in those areas including displaced people from eastern Gota.

- The number of the reported suspected Pertussis cases was 88, the highest number reported from Ar Raqqa district (24 cases).

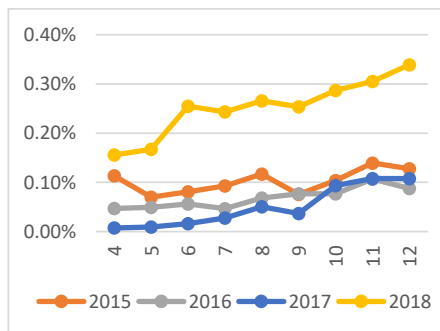
- The number of the reported suspected Mumps cases was 71, the highest number reported from Jebel Saman district (18 cases).



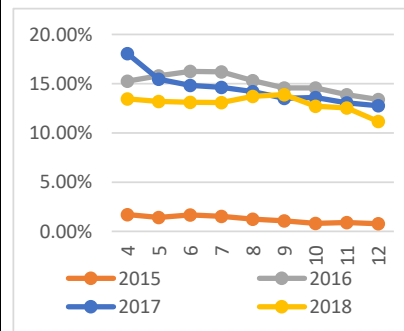
Prop. Morb. of Diarrheal Diseases



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	1432	9	0	5	21	3602	48	1	62	2	0	0	74	12393	17649
	≥5	1237	3	0	85	54	3627	7	0	25	1	0	0	181	28522	33742
Idleb	<5	1599	2	0	37	70	2808	60	0	143	9	0	0	214	25327	30269
	≥5	1253	5	0	135	87	3043	26	3	79	8	0	0	527	48957	54123
Hama	<5	304	0	0	1	0	336	0	0	5	0	0	0	28	872	1546
	≥5	224	0	0	0	0	330	0	0	0	0	0	0	46	3265	3865
Ar-raqqa	<5	440	10	0	28	94	603	65	2	163	2	1	0	66	3634	5108
	≥5	270	11	0	38	85	487	56	0	127	1	0	0	66	4331	5472
Deir-ez-Zor	<5	1041	123	0	93	77	1596	41	1	63	14	0	0	272	5695	9016
	≥5	1028	164	0	279	140	1720	23	1	74	1	0	0	406	7360	11196

Al-Hasakeh	<5	1293	30	0	34	88	1864	96	0	5	25	0	0	48	2385	5868
	≥5	932	19	0	34	74	1192	41	0	2	8	0	0	41	1668	4011
Homs	<5	366	1	0	3	0	890	0	0	0	0	0	0	3	3141	4404
	≥5	299	0	0	1	0	727	3	0	0	0	0	0	2	5036	6068
R. Damascus	<5	3	0	0	0	0	0	0	0	0	0	0	0	0	20	23
	≥5	2	0	0	0	0	15	0	0	0	0	0	0	0	147	164
Dar'a	<5	541	2	0	2	8	627	9	0	2	3	0	0	0	8570	9764
	≥5	268	0	0	41	12	720	12	0	1	0	0	0	8	13302	14364
Quneitra	<5	208	0	0	1	0	246	0	0	0	0	0	0	0	1752	2207
	≥5	62	0	0	2	0	312	0	0	0	0	0	0	0	2359	2735
Total		12802	379	0	819	810	24745	487	8	751	74	1	0	1982	178736	221594

Alerts' Numbers by District

Governorate	District	Sub-district	ABD	Leish	Mea	OAD	SARI	STF
Al-Hasakeh	Al-Malikeyyeh	Al-Malikeyyeh			1			
Al-Hasakeh	Al-Malikeyyeh	Jawadiyah	1					
Al-Hasakeh	Ras Al Ain	Darbasiyah			1			
Aleppo	A'zaz	A'zaz					1	
Aleppo	Jarablus	Jarablus			1			
Aleppo	Jebel Saman	Atareb		1				
Aleppo	Jebel Saman	Daret Azza			1		1	
Aleppo	Jebel Saman	Jebel Saman				1		
Aleppo	Jebel Saman	Zarbah				1		
Aleppo	Menbij	Menbij			1			
Ar-Raqqa	Ath-Thawrah	Jurneyyeh			1			
Ar-Raqqa	Ath-Thawrah	Mansura			1	1		
Ar-Raqqa	Ar-Raqqa	Ar-Raqqa		1				
Ar-Raqqa	Ar-Raqqa	Karama	1					
Dar'a	As-Sanamayn	As-Sanamayn						
Deir-ez-Zor	Al Mayadin	Thiban	1		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	1			
Hama	Hama	Hamra			1			
Hama	Muhradah	Kafr Zeita			1			
Idleb	Al Ma'ra	Heish		1	1			
Idleb	Al Ma'ra	Ma'arrat An Nu'man		1	1			
Idleb	Harim	Dana		1				
Idleb	Harim	Kafr Takharim			1			
Idleb	Idleb	Abul Thohur			1			
Idleb	Idleb	Maaret Tamsrin			1			
Idleb	Idleb	Saraqab		1				
Idleb	Jisr-Ash-Shugur	Darkosh			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 12

Syndrome	Pattern analysis	No. of Sampels	No. of positive samples	Positive sample distribution (District)
Measles	Measles IgM	181	146	17 Al' Bab, 22 Azaz, 5 Jarablus, 4 Jabal'Saman, 4 menbij, 1 Al'Hasaka, 5 Quameshli, 13 Raqa, 34 Dier'Azzour, 12 Idleb, 20 Harem, 7 Ma'arah, , 2 Ezra'a
Rubella	Rubella IgM	39	All suspected samples for Rubella IgM were negative	
Acute Jaundice Syndrom	HAV IgM	4	2	2 Idleb
Mumps	Mumps IgM	19	15	2 Jarablus, 5 Menbij, 1 Azaz, 7 Idleb

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