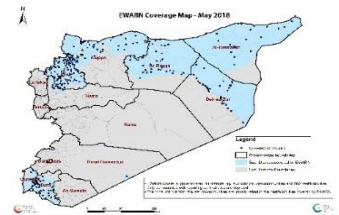
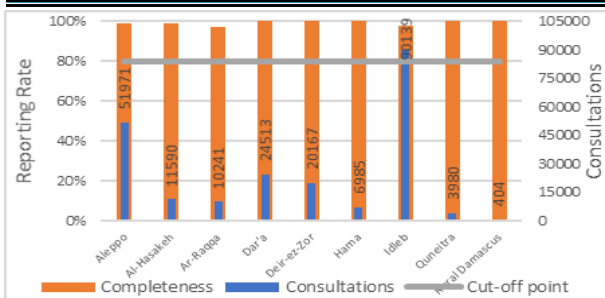


Highlights

- The measles epidemic is hitting the northern governorates of Syria, where the number of measles cases since the beginning of 2018 is 11264 cases of measles, while it was 9640 cases during 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 18, (492/499) 99% of the health facilities across 10 Governorates provided surveillance data for all EWARN Syndroms this week 96% of reporting sites submitted the weekly reports on time.
- The consultations reported this week were 219990 (including 40% children under the age of five) compared to 235344 consultations in previous week.
- 6 AFP (Acute Flaccid Paralysis) cases were reported 3 Deir-ez-zor - 2 Idleb - 1 Ar-raqqa
- EWARN labs reported: 78 positive cases for Measles IgM (Al Bab 10, A`zaz 10, Menbij 15, Jebel Saman 2, Jarablus 19, Qamishli 6, Al-Malikeyyeh 2, Ath-Thawrah 4, Harim 3, Mar`a 3, Jisr-Ash-Shugur 1, Dar`a 1, Izra` 2), 2 positive cases for Rubella IgM (Dar`a), 15 positive cases for Mumps IgM (5 Menbij, 8 Al Bab, 2 Dar`a), 4 positive cases for HAV IgM (Idleb 2, Harim 2) and 10 positive cases for Salmonella IgM (Jisr-Ash-Shugur).
- The number of AJS cases was 849, with highest number of alerts in Deir ez zor district (21 alerts).
- The number of OAD cases have not doubled this Epi week.
- The highest syndromes reported were respectively: ILI (18375), OAD (16076) and STF (1257).
- Al-Hasakeh governorate recorded the highest proportional morbidity for OAD (29.4%), ILI (27.3%), SARI (1.0%) and AJS (1.9%).
- Deir ez Zor governorate recorded the highest proportional morbidity for STF (2.7%), ABD (1.1%) and Leish (2.7%).

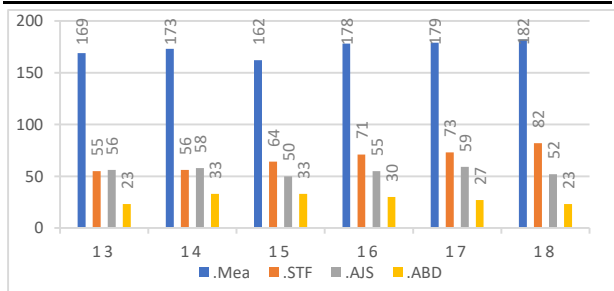


Reporting Rate and Consultations

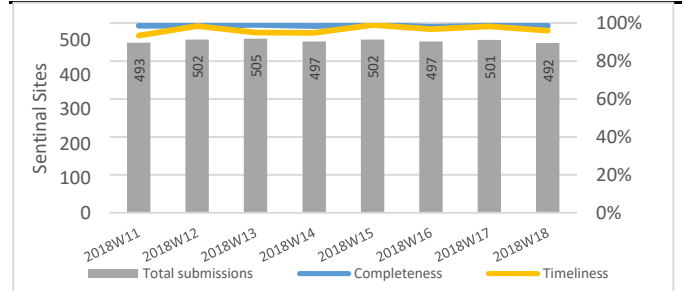


Governorate	Reporting Sites	No. Sentinal Sites	Completeness
Aleppo	98	99	99%
Al-Hasakeh	93	94	99%
Ar-Raqqa	71	73	97%
Dar`a	31	31	100%
Deir-ez-Zor	51	51	100%
Hama	9	9	100%
Idleb	127	130	98%
Quneitra	11	11	100%
Rural Damascus	1	1	100%
Total	492	499	99%

Numbers of Top 4 Alerts



Reporting Rate and Timeliness



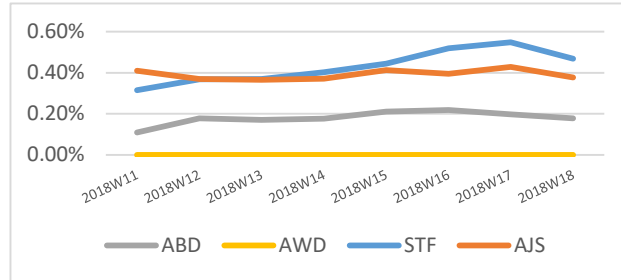
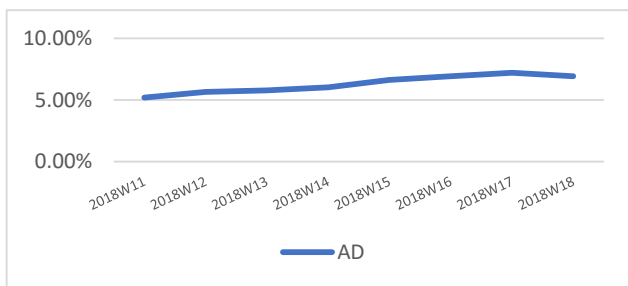
Prop. Morb. of Water Borne Diseases

- The number of the reported STF cases was 1257, as well as 849 new cases of AJS were reported.
- EWARN reported 16076 OAD cases, the number of OAD cases doubled only in:
- Follow up the outbreak of Acute Bloody Diarrhea (ABD) from Kisreh sub-district in Deir ez-Zor. Since 14th March, 654 new cases were reported up to Epi week 18 in Sa`wa and Zghir villages (1319 cases in Kisreh sub-district), upon active search 5 deaths were confirmed to be related to ABD in Zghir village in the age group 2-48 months. 14 Stool specimens were collected and sent to EWARN lab to verify the pathogen through stool culture. Early laboratory results indicated the presence of cysts of Entamoeba histolytica, more specimens were collected for recent cases are pending. 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: enhance surveillance for ABD- enhance the engagement of health workers in reporting - distribution of aqua tabs tablets for domestic consumption- collaboration with all concerned organizations responsible for water treatment the efforts- provision of the antibiotic of choice after receiving laboratory results - ongoing awareness campaigns on hygiene and water treatment at home and distribution of IEC material. For more details, please see the outbreak report here.

[Progress report on ABD in Kisreh Deir-ez-Zor 18-May-SF](#)

Water Borne Diseases details

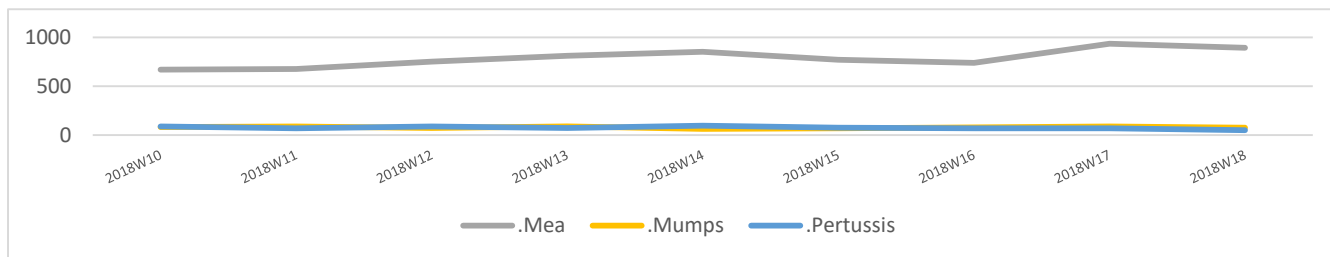
- Water borne diseases risk scale is being generated and followed on community level and on monthly basis in all EWARN coverage areas.
- EWARN informed partners & WASH team about the districts with high WBD levels.



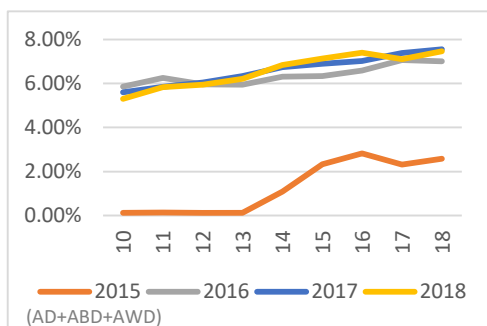
Vaccine Preventable Diseases details

In Epi-week 18 /2018, 894 cases of suspected measles were reported.

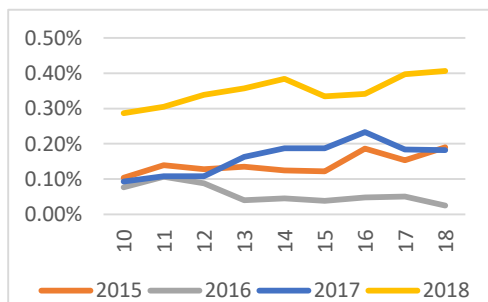
- 54 suspected measles cases were investigated in Epi week 18 : Aleppo rural 8, Idleb rural 33, Hama 2, Dar`a 2, Deir ez Zor 1, and Al Hasakeh 8.
- EWARN labs reported 78 positive cases for Measles IgM out of 101 specimens: Al Bab 10, A`zaz 10, Menbij 15, Jebel Saman 2, Jarablus 19, Qamishli 6, Al-Malikeyyeh 2, Ath-Thawrah 4, Harim 3, Mar`a 3, Jisr-Ash-Shugur 1, Dar`a 1, Izra` 2), and 2 positive cases for Rubella IgM in Dar`a.
- In the Epi week 18/2018, 286 new cases of suspected measles were reported from Ar Raqqa governorate (Ar Raqqa district 242, Tell Abiad 10, Ath-Thawrah 34), in addition to 149 suspected cases from Deir ez zor governorate (Deir ez zor district 128, Mayadin 18, Abu Kamal 3). While reporting another 123 new cases were from Aleppo governorate (Jebel Saman 33, Menbij 4, Jarablus 28, A`zaz 34, Al Bab 22, Ain Al Arab 1 and Afrin 1).
- 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 of the second round of OPV vaccination campaign for the children aged 0 to 59 months in both Jarablus and Al-Bab districts in between 7th – 12th May and in coordination with SIG. In Jarablus : the coverage was 102% (28,335 vaccinated children), in Al-Bab: the coverage was 110% (66,575 vaccinated number).
- The number of the reported suspected Pertussis cases was 50, the highest number reported from Al Mayadin district (20 cases).
- The number of the reported suspected Mumps cases was 76, the highest number reported from A`zaz district (15 cases).



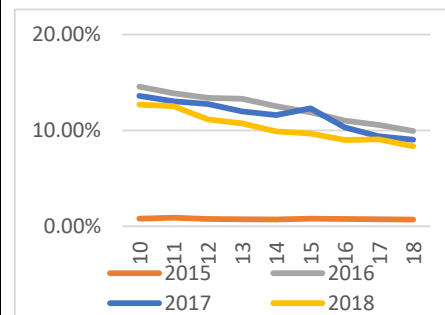
Prop. Morb. of Diarrheal Diseases



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	1842	9	0	18	25	2553	11	0	70	4	0	0	53	13321	17906
	≥5	1368	6	0	114	38	2899	1	0	53	3	0	1	118	29464	34065
Idleb	<5	2167	2	0	41	78	2515	51	2	186	16	0	0	198	26090	31346
	≥5	1457	1	0	297	128	2267	21	0	130	9	13	0	460	54010	58793
Hama	<5	295	0	0	1	0	620	0	0	3	0	0	0	20	1459	2398
	≥5	318	0	0	6	1	482	0	0	3	0	0	0	43	3734	4587
Ar-raqqa	<5	600	14	0	12	59	506	32	0	149	2	1	0	118	3187	4680
	≥5	333	12	0	34	29	390	19	1	137	0	0	0	132	4474	5561
Deir-ez-Zor	<5	1546	123	0	121	95	885	21	3	88	18	0	0	251	6316	9467
	≥5	1390	103	0	422	143	841	6	0	61	3	0	0	288	7443	10700

Al-Hasakeh	<5	2066	53	0	39	103	1929	72	0	3	21	0	0	33	2505	6824
	≥5	1339	23	0	39	117	1232	49	0	7	13	0	0	33	1914	4766
R. Damascus	<5	7	0	0	0	0	13	0	0	0	0	0	0	0	69	89
	≥5	5	0	0	0	0	23	0	0	2	1	0	0	0	284	315
Dar'a	<5	677	0	0	9	9	414	7	0	2	0	0	0	5	9172	10295
	≥5	347	3	0	93	24	509	8	0	0	0	0	0	9	13225	14218
Quneitra	<5	223	0	0	1	0	102	0	0	0	0	0	0	0	1480	1806
	≥5	96	0	0	10	0	195	0	0	0	0	0	0	0	1873	2174
Total		16076	349	0	1257	849	18375	298	6	894	90	14	1	1761	180020	219990

Alerts' Numbers by District

Governorate	District	Sub-district	ABD	AJS	Leish	Mea	OAD	STF
Al-Hasakeh	Al Malika	Ya'robiyah		1				
Al-Hasakeh	Quamishli	Qahtaniyyeh						1
Al-Hasakeh	Quamishli	Quamishli				1		
Al-Hasakeh	Ras Al Ain	Ras Al Ain				1		
Aleppo	A'zaz	Suran					1	
Aleppo	Jebel Saman	Atareb			1			
Aleppo	Jebel Saman	Daret Azza				1		1
Ar-Raqqa	Al-Thwarah	Al-Thwarah						1
Ar-Raqqa	Al-Thwarah	Jurneyyeh	1					
Ar-Raqqa	Ar-Raqqa	Ar-Raqqa			1			
Dar'a	As Sanamayn	As Sanamayn		1				
Dar'a	Dar'a	Jizeh				1		
Dar'a	Izra'	Hrak				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			
Idleb	Al Ma'ra	Heish			1			
Idleb	Al Ma'ra	Khan Shaykun					1	
Idleb	Al Ma'ra	Ma'arrat An Nu'man			1	1		
Idleb	Ariha	Ariha				1		
Idleb	Ariha	Mhambal						1
Idleb	Harim	Dana			1			
Idleb	Harim	Qourqeena						1
Idleb	Idleb	Saraqab			1			
Idleb	Idleb	Sarmin				1		
Idleb	Jisr-Ash-Shugur	Janudiyeh				1		
Rural Damascus	Duma	Sabe Byar				1		

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

Lab Activities Epi Week 18

Syndrome	Pattern analysis	No. of Sampels	No. of positive samples	Positive sample distribution (District)
Measles	Measles IgM	101	78	2 Jabal Saman, 19 Jarablus , 10 A'zaz, 10 Al'Bab, 15 Menbij, 4 Ath-thara, 1 Dar'a, 2 Izr'a, 6 Quameshli, 2 Al-Malikeyyeh, 3 Harim, 1 Jisr-Ashugur, 3 Al'Marah.
Rubella	Rubella IgM	23	2	Dar'a
Acute Jaundice Syndrome	HAV IgM	5	4	2 Idleb, 2 Harim ,
Mumps	Mumps IgM	22	15	5 Menbij , 8 Al'Bab, 2 Dar'a
Salmonella	Salmonella IgM	13	10	Jesr'Ashugour

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 Hygiene	WBD	Water Borne Diseases
VPD	Vaccine Preventable Diseases	ARI	Acute Respiratory Illness