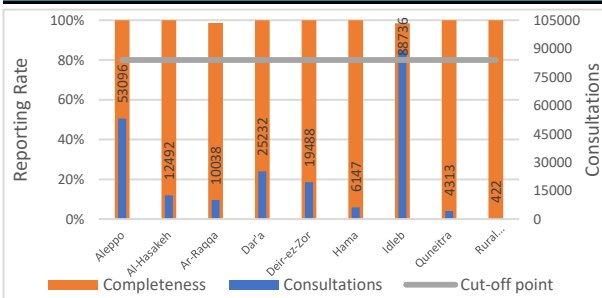


Highlights

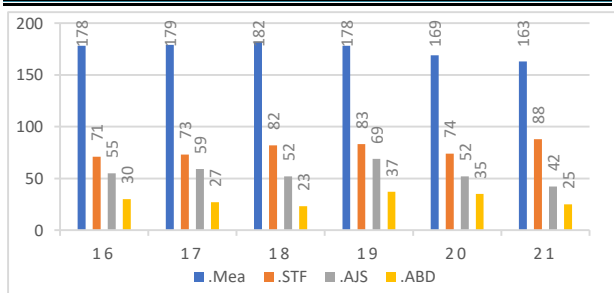
- A training session for NGOs health workers was done in the eastern governorates of EWARN coverage (Ar-Raqqa , Deir ez zor, Al Hasakeh , Dar'a, Quneitra) in between 1 to 15 May ,with focusing on : diseases case definition , AFP ,Measles and Rubella surveillance. The total number of the trainees was 125 health workers.
- During Epi Week 21, (497/500) 99% of the health facilities across 10 Governorates provided surveillance data for all EWARN Syndroms this week 99% of reporting sites submitted the weekly reports on time.
- The consultations reported this week were 219964 (including 40% children under the age of five) compared to 222869 consultations in previous week.
- 3 AFP (Acute Flaccid Paralysis) cases were reported 1 Aleppo - 1 Idleb - 1 Ar-raqqa
- EWARN lab reported: 57 positive cases for Measles IgM (Al Bab 2 , A'zaz 8 ,Menbij 5, Jarablus 23, Al Hasakeh 2, Qamishli 3, Ras Al Ain 3, Tell Abiad 1, Ar Raqqa 8, Izra' 2) , 7 positive cases for IgM hepatitis A (Idleb 4 – Dar'a 3) , and 3 positive cases for Mumps IgM (Menbij 2- Dar'a 1) .
- The number of AJS cases was 764, with highest number of alerts in Al-Malikeyeh district (8 alerts).
- The number of OAD cases have not doubled.
- The highest syndromes reported were respectively: OAD (18202) , ILI (16859), and STF (1282).
- Al-Hasakeh governorate recorded the highest proportional morbidity for OAD (30.2%) , ILI (26.0%), and AJS (1.9%).
- Deir ez Zor governorate recorded the highest proportional morbidity for STF (2.0%), ABD (1.0%) and Leish (1.6%).

Reporting Rate and Consultations

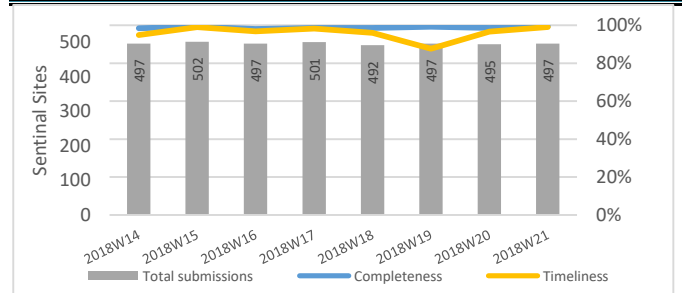


Governorate	Reporting Sites	No. Sentinal Sites	Completeness
Aleppo	102	102	100%
Al-Hasakeh	92	92	100%
Ar-Raqqa	70	71	99%
Dar'a	31	31	100%
Deir-ez-Zor	52	52	100%
Hama	9	9	100%
Idleb	129	131	98%
Quneitra	11	11	100%
Rural Damascus	1	1	100%
Total	497	500	99%

Numbers of Top 4 Alerts



Reporting Rate and Timeliness



Prop. Morb. of Water Borne Diseases



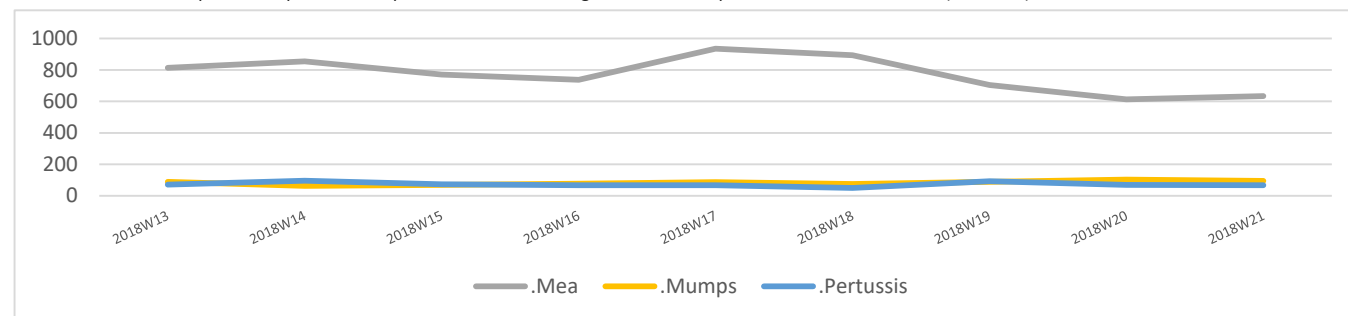
Water Borne Diseases details

- The number of the reported STF cases was 1282, as well as 764 new cases of AJS were reported.
- EWARN reported 18202 OAD cases, The number of OAD cases have not doubled.
- Follow up the outbreak of Acute bloody diarrhea in Kisreh sub-district- Deir ez zor, the total number of the reported cases is 2113 since Epi week 11 including 6 death cases in the age group younger than 2 years. Case-Control study was conducted to investigate the efficacy of water disinfection (as a preventive factor). The study included 500 people (215 cases and 285 control) in the villages with a high number of acute bloody diarrhea cases (Shate, Sawa, Harmushiyeh, Zghir Jazireh, Lower Safira). The study results showed an Odd Ratio of less than 1 (0.11). Therefore, water disinfection with chlorine is a protective factor for acute bloody diarrhea.
- 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.

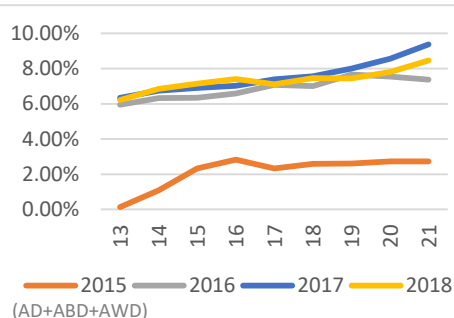
Vaccine Preventable Diseases details

In Epi-week 21 /2018, 633 cases of suspected measles were reported.

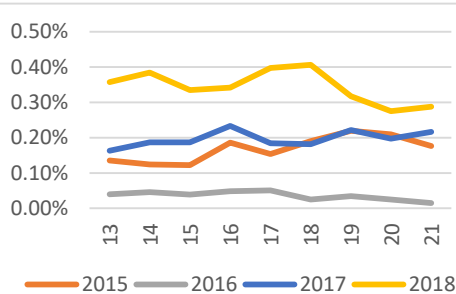
- 32 suspected measles cases were investigated in Epi week 21 : Aleppo rural 21, Idleb rural 1, Tell Abiad 2, Al Hasakeh 7, and Dar'a 1.
- EWARN labs reported 57 positive cases for Measles IgM out of 63 specimens Al Bab 2, A'zaz 8, Menbij 5, Jarablus 23, Al Hasakeh 2, Qamishli 3, Ras Al Ain 3, Tell Abiad 1, Ar Raqqa 8, Izra' 2.
- In the Epi week 21/2018, 157 new cases of suspected measles were reported from Ar Raqqa governorate (Ar Raqqa district 125, Tell Abiad 15, Ath-Thawrah 17), in addition to 123 suspected cases from Deir ez zor governorate (Deir ez zor district 89, Mayadin 27, Abu Kamal 7). While reporting another 156 new cases were from Aleppo governorate (Jebel Saman 85, Menbij 9, Jarablus 4, A'zaz 41 and Al Bab 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.
- The number of the reported suspected Pertussis cases was 68, the highest number reported from Al Mayadin district (20 cases).
- The number of the reported suspected Mumps cases was 94, the highest number reported from Al Bab district (27 cases).



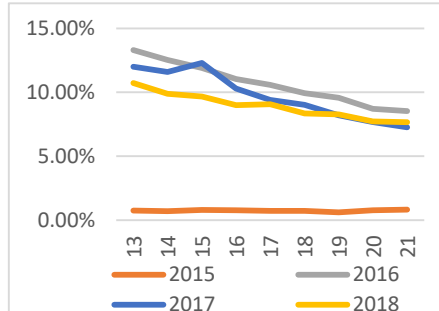
Prop. Morb. of Diarrheal Diseases



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	2029	13	0	12	22	2258	13	1	73	2	0	0	58	14574	19055
	≥5	1583	10	0	99	36	2255	5	0	83	4	0	0	157	29809	34041
Idleb	<5	2943	11	0	51	62	2667	46	0	122	28	0	0	198	25040	31168
	≥5	1905	8	0	332	97	2247	24	1	64	11	0	0	469	52410	57568
Hama	<5	275	0	0	0	0	323	0	0	2	0	0	0	11	1533	2144
	≥5	267	0	0	5	1	376	0	0	1	0	0	0	30	3323	4003
Ar-raqqa	<5	645	21	0	30	50	400	15	1	88	4	1	0	72	3378	4705
	≥5	418	30	0	41	33	349	25	0	69	6	1	0	83	4278	5333
Deir-ez-Zor	<5	1247	132	0	67	75	651	34	0	84	32	0	0	140	6346	8808
	≥5	1206	72	0	317	95	667	15	0	39	4	0	0	169	8096	10680
Al-Hasakeh	<5	2166	56	0	44	121	1826	55	0	5	24	0	0	36	2655	6988
	≥5	1607	26	0	65	117	1424	50	0	1	20	0	0	31	2163	5504
R. Damascus	<5	12	2	0	0	0	33	0	0	0	0	0	0	77	124	
	≥5	3	0	0	0	0	16	0	0	0	0	0	0	279	298	
Dar'a	<5	862	8	0	20	23	486	9	0	2	3	1	0	3	8995	10412
	≥5	618	7	0	142	32	627	9	0	0	2	1	0	10	13372	14820
Quneitra	<5	227	3	0	14	0	102	0	0	0	0	0	0	1628	1974	
	≥5	189	10	0	43	0	152	0	0	0	0	0	0	1945	2339	
Total		18202	409	0	1282	764	16859	300	3	633	140	4	0	1467	179901	219964

Alerts' Numbers by District

Governorate	District	Subdistrict	ABD	AJS	Leish	Mea	OAD	SARI	STF
Al-Hasakeh	Al Malika	Jawadiyah	0	1	0	0	0	0	0
Al-Hasakeh	Quamishli	Qahtaniyyeh	0	1	0	0	0	0	0
Al-Hasakeh	Ras Al Ain	Darbasiyah	0	0	0	0	0	0	1
Aleppo	Jarablus	Jarablus	0	0	0	0	0	0	1
Aleppo	Jebel Saman	Atareb	0	0	1	0	0	0	0
Aleppo	Jebel Saman	Daret Azza	0	0	0	1	0	0	0
Aleppo	Jebel Saman	Haritan	0	0	0	1	0	0	1
Aleppo	Jebel Saman	Jebel Saman	0	0	0	1	1	0	0
Aleppo	Jebel Saman	Zarbah	0	0	0	1	0	0	0
Aleppo	Menbij	Abu Qalqal	0	0	0	1	0	0	0
Ar-Raqqa	Ar-Raqqa	Ar-Raqqa	1	0	1	0	0	0	0
Dar'a	As Sanamayn	As Sanamayn	1	0	0	0	0	0	0
Dar'a	Dar'a	Dar'a	0	1	0	0	0	0	0
Deir-ez-Zor	Deir-ez-Zor	Basira	0	0	0	0	0	1	0
Deir-ez-Zor	Deir-ez-Zor	Deir-ez-Zor	0	0	1	0	0	0	0
Deir-ez-Zor	Deir-ez-Zor	Kisreh	0	0	1	0	0	0	0
Deir-ez-Zor	Deir-ez-Zor	Sur	0	0	1	0	0	0	0
Idleb	Al Ma'ra	Heish	0	0	1	0	0	0	0
Idleb	Al Ma'ra	Sanjar	0	0	0	0	0	0	1
Idleb	Ariha	Ariha	0	0	1	0	0	0	0
Idleb	Harim	Dana	0	0	1	0	0	0	0
Idleb	Idleb	Saraqab	0	0	1	0	0	0	0
Idleb	Jisr-Ash-Shugur	Janudiyeh	0	0	0	0	0	0	1
Idleb	Jisr-Ash-Shugur	Jisr-Ash-Shugur	0	0	0	1	0	0	0
Quneitra	Quneitra	Al-Khashniyyeh	1	0	0	0	0	0	1
Quneitra	Quneitra	Quneitra	0	0	0	0	0	0	1
Rural Damascus	Duma	Sabe Byar	0	0	0	0	1	0	0

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

Lab Activities Epi Week 21

Syndrome	Pattern analysis	No. of Sampels	No. of positive samples	Positive sample distribution (District)
Measles	Measles IgM	63	57	23 Jarablus , 8 A'zaz 2 Al'Bab,5 Menbij, 8 Ar-Raqqa, 1 Tal'Abiad ,3 Quameshli, 2 Al-Hasakeh,3 Ras' Al Ain, 2 Izr'a
Rubella	Rubella IgM	6	All suspected samples for Rubella IgM were negative	
Acute Jaundice Syndrome	HAV IgM	9	7	4 Idleb, 3 Dar'a
Mumps	Mumps IgM	5	3	2 Menbij , 1 Dar'a

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