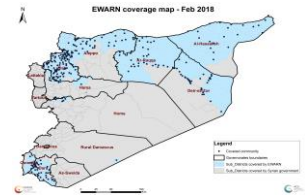
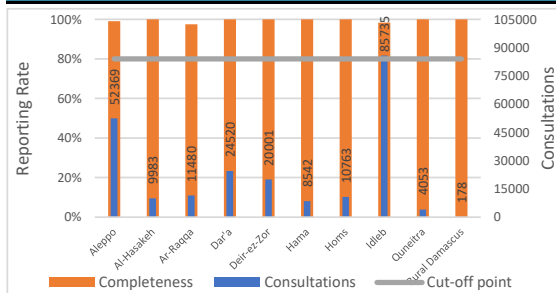


### Highlights

- The measles epidemic is hitting the northern governorates of Syria, where the number of measles cases since the beginning of 2018 is 7073 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 13, (505/510) 99% 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 227624 (including 40% children under the age of five) compared to 221594 consultations in previous week.
- 4 AFP (Acute Flaccid Paralysis) cases were reported 2 Ar-raqqa - 1 Idleb - 1 Hama
- EWARN lab reported: 178 positive cases for Measles IgM (Al Bab 4, Menbij 24, Jebel Saman 1, Jarablus 14, Al Hasakeh 3, Qamishli 15, Al-Malikeyyeh 1, Ras Al- Ain 1, Ar Raqqa 30, Ath Thwarah 2, Harim 36, Idleb 7, Al Ma`ra 5, Dar`a 1, As-Suqaylabiyah 4, Al Mayadin 6 and Deir ez zor 24 ), 6 positive cases for Mumps IgM (Menbij 4, Al Bab 2) and 2 positive cases for HAV IgM (Harim 1, Menbij 1).
- The number of SARI cases was 400 with highest number of alerts in Ar-raqqa 7 Alerts
- The number of OAD cases have not doubled this week
- The highest syndromes reported were respectively: ILI (24422) , OAD (13744) and STF (916).
- Al-Hasakeh governorate recorded the highest proportional morbidity for OAD (23.3%) , ILI (31.4%), AJS (1.8%) and SARI (1.2%). Deir ez Zor governorate recorded the highest proportional morbidity for STF (2.0%), ABD (1.5%) and Leish (3.0%).

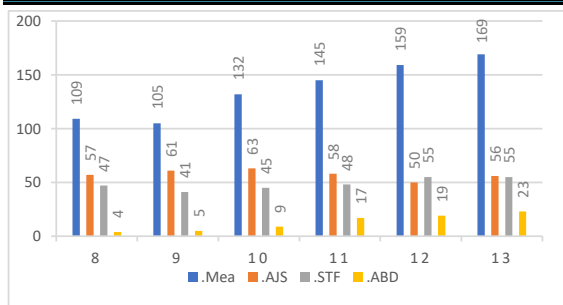


### Reporting Rate and Consultations

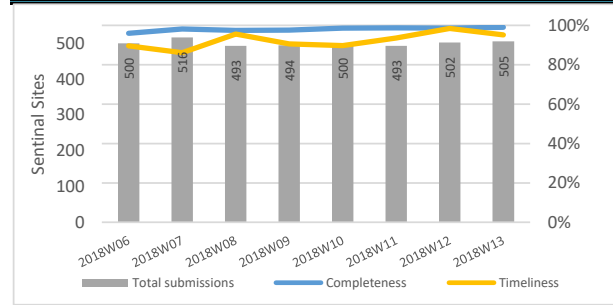


Governorate	Reporting Sites	No. Sentinal Sites	Completeness
Aleppo	101	102	99%
Al-Hasakeh	90	90	100%
Ar-Raqqa	76	78	97%
Dar'a	31	31	100%
Deir-ez-Zor	50	50	100%
Hama	10	10	100%
Homs	12	12	100%
Idleb	123	125	98%
Quneitra	11	11	100%
Rural Damascus	1	1	100%
<b>Total</b>	<b>505</b>	<b>510</b>	<b>99%</b>

### Numbers of Top 4 Alerts



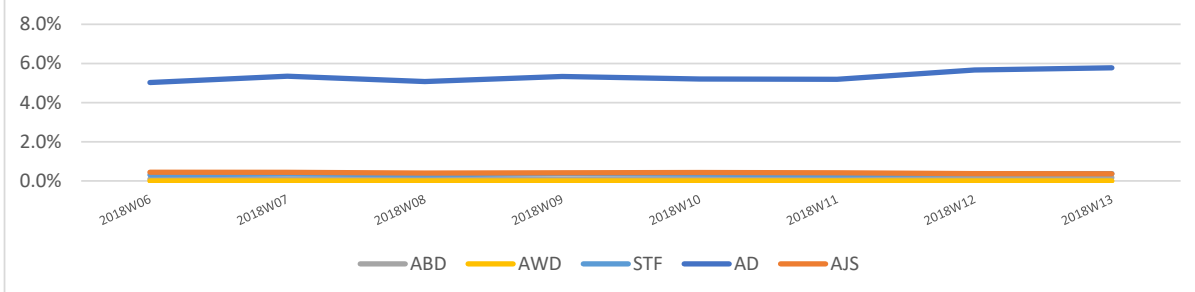
### Reporting Rate and Timeliness



### Water Borne Diseases details

- The number of the reported STF cases was 916, as well as 844 new cases of AJS were reported.
  - EWARN reported 13744 OAD cases, The number of OAD cases have not doubled this week
  - Follow up the alert of Acute Bloody Diarrhea (ABD) from Kisreh sub district in Deir ez-zor. New 140 cases were reported in Epi week 13, many of them were admitted to the hospital while no deaths were reported.
- 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.

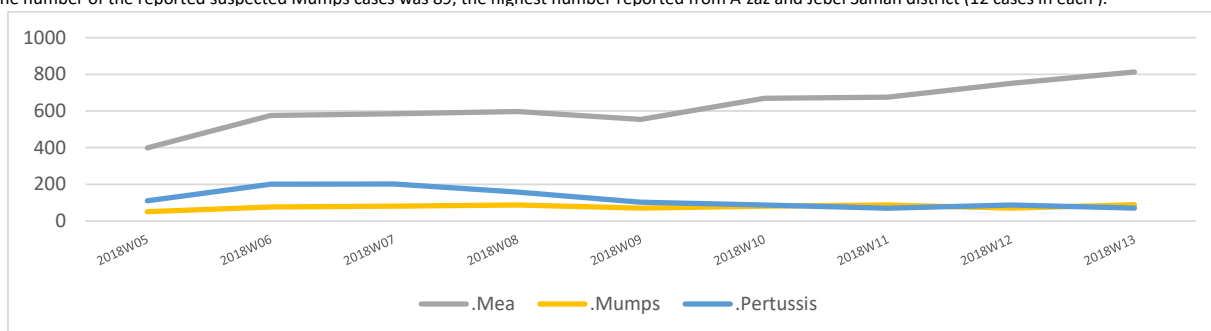
## Prop. Morb. of Water Borne Diseases



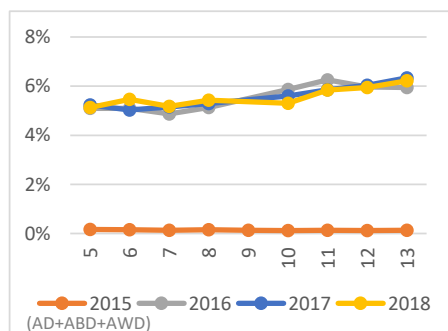
## Vaccine Preventable Diseases details

In Epi-week 13 /2018, 813 cases of suspected measles were reported.

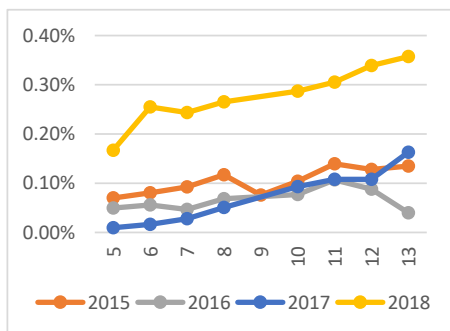
- 45 suspected measles cases were investigated in Epi week 13 : Aleppo rural 15, Idleb rural 20, Hama 1, Dar`a 2 and Al Hasakeh 7.
- EWARN labs reported 178 positive cases for Measles IgM out of 212 specimens: Al Bab 4, Menbij 24, Jebel Saman 1, Jarablus 14, Al Hasakeh 3, Qamishli 15, Al-Malikeyyeh 1, Ras Al- Ain 1 , Ar Raqqa 30, Ath Thwarah 2, Harim 36, Idleb 7, Al Ma`ra 5, Dar`a 1, As-Suqaylabiyah 4, Al Mayadin 6 and Deir ez zor 24.
- In the Epi week 13/2018, 302 new cases of suspected measles were reported from Ar-Raqqa governorate (Ar Raqqa district 268 ,Tell Abiad 14, Ath-Thwarah 20), in addition to another 189 new cases were reported from Deir ez Zor (Deir ez Zor district 169, Al Mayadin 16, and Abu Kamal 4). While reporting in Idleb 207 cases of suspected measles, as follows: Al Ma`ra 15, Ariha 4, Harim 131, Idleb 45 and Jisr-Ash-Shugur 12.
- 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 71, the highest number reported from Ar Raqqa district (14 cases).
- The number of the reported suspected Mumps cases was 89, the highest number reported from A`zaz and Jebel Saman district (12 cases in each).



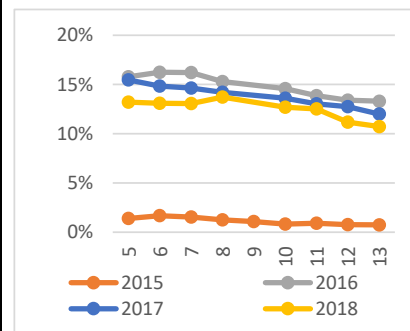
## Prop. Morb. of Diarrheal Diseases



## 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	1442	15	0	5	37	3451	36	0	48	2	0	0	56	12981	18073
	≥5	1184	2	0	86	55	3456	6	0	54	2	0	0	150	29301	34296
Idleb	<5	1818	3	0	36	82	3045	65	1	137	16	0	0	232	25646	31081
	≥5	1365	1	0	178	122	2726	34	0	70	14	2	0	482	49660	54654
Hama	<5	387	0	0	1	0	757	0	1	2	1	0	0	15	1698	2862
	≥5	359	0	0	2	0	584	0	0	1	0	0	0	19	4715	5680

Ar-raqqqa	<5	452	12	0	13	61	573	34	1	181	4	1	0	70	4069	5471
	≥5	282	7	0	41	50	525	41	1	121	2	0	0	95	4844	6009
Deir-ez-Zor	<5	1183	140	0	104	90	1413	30	0	91	12	0	0	278	5715	9056
	≥5	1100	165	0	295	139	1525	25	0	98	1	0	0	327	7270	10945
Al-Hasakeh	<5	1378	35	0	41	88	2006	76	0	6	21	0	0	56	2366	6073
	≥5	945	18	0	33	89	1127	39	0	1	19	0	0	37	1602	3910
Homs	<5	368	1	0	2	3	879	1	0	0	0	0	0	1	3275	4530
	≥5	350	0	0	2	5	700	0	0	0	0	0	0	0	5176	6233
R. Damascus	<5	4	0	0	0	0	10	0	0	0	0	0	0	0	21	35
	≥5	3	0	0	0	0	3	0	0	0	0	0	0	0	137	143
Damascus	<5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	≥5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dar'a	<5	576	0	0	14	11	542	7	0	2	2	0	0	0	9075	10229
	≥5	273	2	0	61	12	660	6	0	0	1	0	0	6	13270	14291
Quneitra	<5	197	0	0	1	0	217	0	0	1	0	0	0	0	1480	1896
	≥5	78	0	0	1	0	223	0	0	0	0	0	0	0	1855	2157
<b>Total</b>		<b>13744</b>	<b>401</b>	<b>0</b>	<b>916</b>	<b>844</b>	<b>24422</b>	<b>400</b>	<b>4</b>	<b>813</b>	<b>97</b>	<b>3</b>	<b>0</b>	<b>1824</b>	<b>184156</b>	<b>227624</b>

### Alerts' Numbers by District

Governorate	District	Sub-district	ABD	AJS	Mea	OAD	SARI	STF
Al-Hasakeh	Al-Malikeyyeh	Al-Malikeyyeh	0	0	1	0	0	0
Al-Hasakeh	Al-Malikeyyeh	Jawadiyah	0	0	1	0	0	0
Al-Hasakeh	Ras Al Ain	Darbasiyah	0	0	0	0	0	1
Al-Hasakeh	A'zaz	A'zaz	0	0	0	0	1	1
Al-Hasakeh	Jarablus	Jarablus	0	0	1	0	0	0
Al-Hasakeh	Jebel Saman	Atareb	0	0	0	0	0	1
Aleppo	Jebel Saman	Daret Azza	0	1	0	0	0	0
Aleppo	Jebel Saman	Jebel Saman	1	0	0	0	0	0
Aleppo	Jebel Saman	Zarbah	0	0	0	0	0	1
Aleppo	Menbij	Menbij	0	0	0	0	0	0
Aleppo	Ath-Thawrah	Jurneyyeh	0	0	0	1	0	0
Aleppo	Ath-Thawrah	Mansura	0	0	1	0	0	0
Ar-Raqqa	Ar-Raqqa	Ar-Raqqa	0	0	0	1	0	0
Ar-Raqqa	Ar-Raqqa	Karama	0	0	0	0	0	0
Ar-Raqqa	As-Sanamayn	As-Sanamayn	0	0	1	0	0	0
Dar'a	Al Mayadin	Thiban	0	0	0	0	0	1
Dar'a	Deir-ez-Zor	Basira	0	1	0	0	0	1
Dar'a	Deir-ez-Zor	Deir-ez-Zor	0	0	0	0	0	1
Dar'a	Deir-ez-Zor	Kisreh	0	0	0	0	0	1
Deir-ez-Zor	Deir-ez-Zor	Sur	1	0	1	0	0	0
Deir-ez-Zor	As-Suqaylabiyah	Madiq Castle	0	0	0	0	0	0
Deir-ez-Zor	As-Suqaylabiyah	Madiq Castle	0	0	0	0	0	0
Deir-ez-Zor	As-Suqaylabiyah	Madiq Castle	0	0	0	0	0	0
Deir-ez-Zor	As-Suqaylabiyah	Madiq Castle	0	0	0	0	0	0
Hama	As-Suqaylabiyah	Madiq Castle	0	0	1	1	0	0
Homs	As-Suqaylabiyah	Madiq Castle	0	1	0	0	0	0
Idleb	As-Suqaylabiyah	Madiq Castle	0	0	0	0	0	0
Idleb	As-Suqaylabiyah	Madiq Castle	0	0	1	1	0	1
Idleb	As-Suqaylabiyah	Madiq Castle	0	0	0	0	0	1

Idleb	As-Suqaylabiyah	Madiq Castle	0	0	1	0	0	0
Idleb	As-Suqaylabiyah	Madiq Castle	0	0	0	0	0	0
Idleb	As-Suqaylabiyah	Madiq Castle	0	0	1	0	0	0
Idleb	As-Suqaylabiyah	Madiq Castle	0	1	0	0	0	0
Idleb	As-Suqaylabiyah	Madiq Castle	0	0	1	0	0	0
Idleb	As-Suqaylabiyah	Madiq Castle	0	0	1	0	0	0
Idleb	As-Suqaylabiyah	Madiq Castle	0	0	1	0	0	0

## Lab Activities Epi Week 13

Syndrome	Pattern analysis	No. of Sampels	No. of positive samples	Positive sample distribution (District)
Measles	Measles IgM	212	178	2 Al' Bab, 11 Jarablus, 2 Jabal'Saman, 27 menbij, 2 Al' Hasaka, 12 Quameshli, 6 Ras'Ain 31 Raqa, 2 Al-Thawrah, 24 Dier'Azzour, 6 Al-Mayadin 9 Idleb, 34 Harem, 5 Ma'arah, 1 Dar'a, 4 Al'Suqeilbeyah
Rubella	Rubella IgM	34	All suspected samples for Rubella IgM were negative	
Acute Jaundice Syndrome	HAV IgM	4	2	1 Harim, 1 Menbij
Mumps	Mumps IgM	6	6	4 Menbij, 2 Al' Bab

### 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