Acute Flaccid Paralysis (AFP) Surveillance Weekly Bulletin
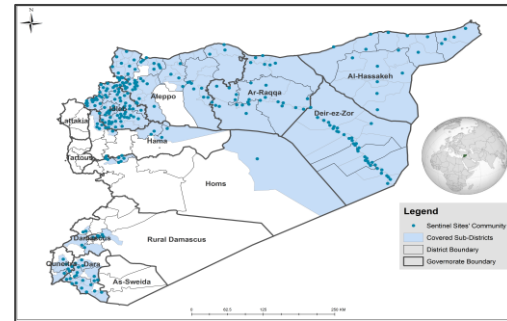## Syria EWARN - Week 43 (16-Oct-2016 - 22-Oct-2016)

Highlights

Year 2015 (by EWARN)

» (267) AFP cases have been reported.

» No new Polio (WPV) has been detected in 2015

» One VDPV was isolated from a case reported from Deir-ez-Zor. No other AFP cases were detected despite the enhancement of surveillance. The case was considered as an event, surveillance continues to be enhanced in Syria.


» Key surveillance indicators: Non-polio AFP rate (5.1), Stool Adequacy rate (79%), NPEV Isolation rate (15%) and Sabin-like Virus Isolation (1.5%).

Year 2016 (by EWARN)

» (278) AFP cases were reported up to week (43) - 2016. No new Polio (WPV) case since last update.

» Key surveillance indicators: Non-polio AFP rate (5.3), Stool Adequacy rate (81.7%), NPEV Isolation rate (13.7%) and Sabin-like Virus Isolation (2.9%).

2015 - Distribution of polio and non-polio AFP cases by classification and week of onset
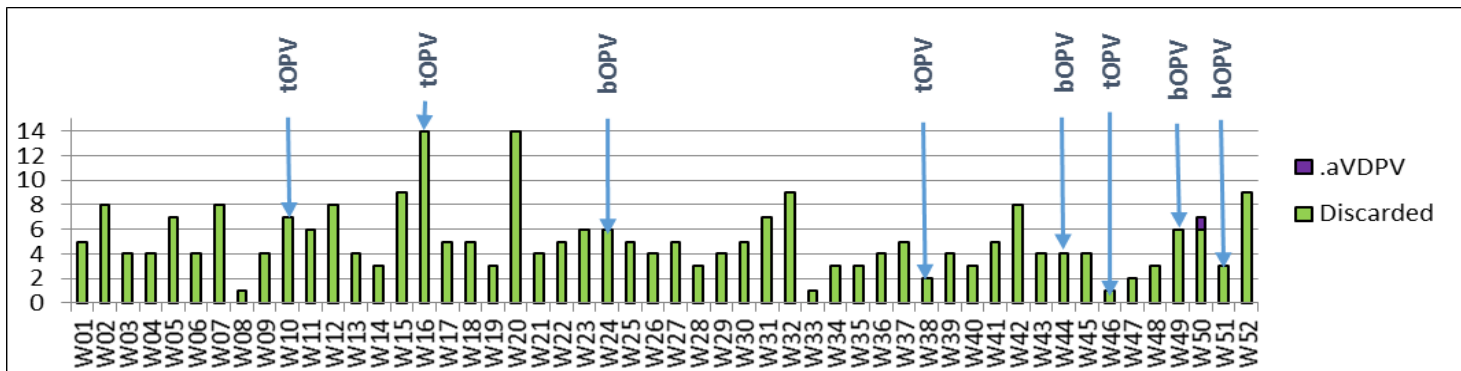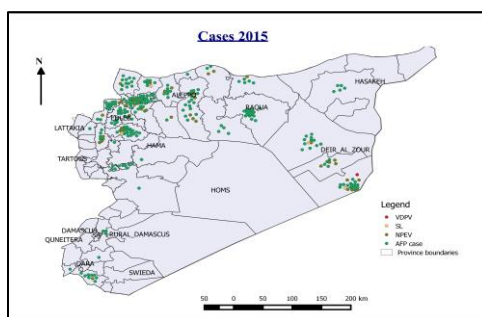

2016 - Distribution of polio and non-polio AFP cases by classification and week of onset
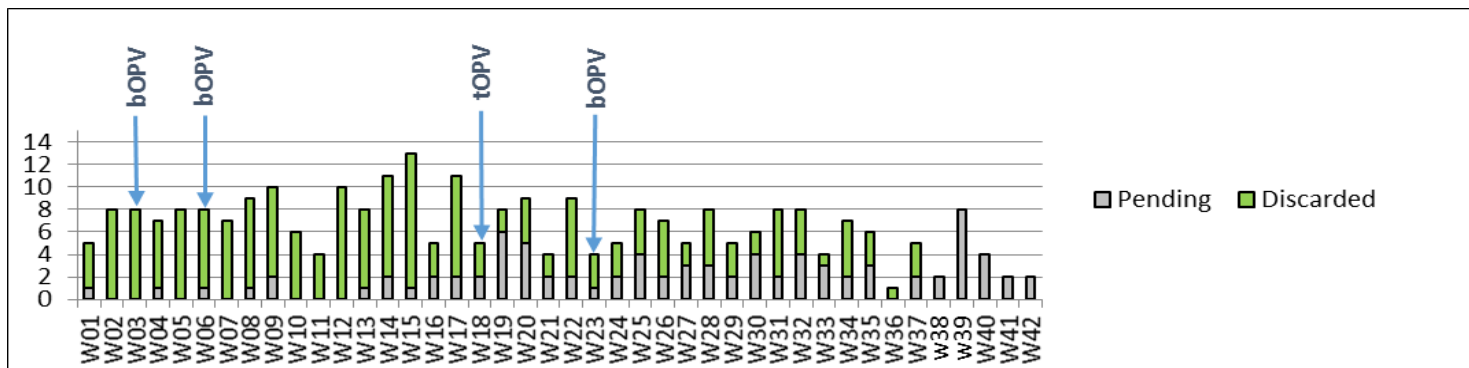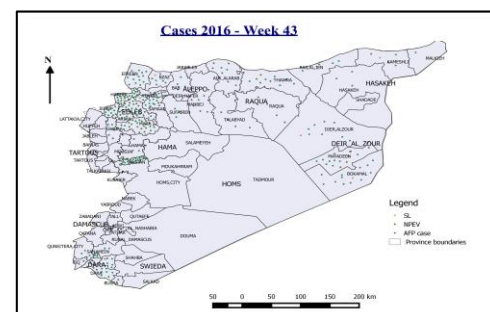

Ps: Weeks are aligned in a harmonized way to facilitate comparison between 2014, 2015 and 2016

Distribution of AFP cases - 2015

Distribution of AFP cases - 2016

## 2015 - Classification of AFP cases and surveillance indicators by governorates

Governorate	Population under 15	Total AFP	Confirmed	Compatible	discarded	Pending Classification	Pending lab	Non-polio AFP rate	Stool Adequacy %	NPEV %	Sabin like %	Expected No.
Aleppo	1,900,725	100	0	0	100	0	0	5.3	82.0	19.0	1.0	38
Idleb	815,499	57	0	0	57	0	0	7.0	63.2	10.5	1.8	16
Lattakia	21,950	1	0	0	1	0	0	4.6	100.0	0.0	0.0	0
Hama	135,034	10	0	0	10	0	0	7.4	80.0	30.0	0.0	3
Ar-Raqqa	676,767	27	0	0	27	0	0	4.0	96.3	3.7	0.0	14
Deir-ez-Zor	939,292	43	1	0	42	0	0	4.5	88.4	23.3	4.7	19
Al-Hasakeh	172,150	5	0	0	5	0	0	2.9	60.0	0.0	0.0	3
Homs	171,304	10	0	0	10	0	-	5.8	90.0	0.0	0.0	3
Rural Damascus	102,766	3	0	0	3	0	-	2.9	0.0	0.0	0.0	2
Dar'a	201,955	10	0	0	10	0	0	5.0	70.0	10.0	0.0	4
Quneitra	36,200	1	0	0	1	0	0	2.8	100.0	0.0	0.0	1
Total	**5,173,642**	**267**	**1**	**0**	**266**	**0**	**0**	**5.1**	**79**	**15**	**1.5**	**103**

2016 - Classification of AFP cases and surveillance indicators by governorates

Governorate	Population under 15	Total AFP	Confirmed	Compatible	discarded	Pending Classification	Pending lab	Non-polio AFP rate	Stool Adequacy %	NPEV %	Sabin like %	Expected No.
Aleppo	2,026,785	65	0	0	54	11	10	3.9	89.2	7.7	4.6	61
Idleb + Lattakia	972,760	86	0	0	68	18	11	11.0	84.9	20.9	2.3	29
Hama	136,062	8	0	0	7	1	0	7.2	75.0	12.5	0.00	4
Ar-Raqqa	771,770	18	0	0	16	2	2	2.8	83.3	22.2	0.0	23
Deir-ez-Zor	982,463	37	0	0	20	17	2	4.6	56.8	16.2	5.4	29
Al-Hasakeh	477,726	14	0	0	9	5	3	3.6	78.6	7.1	7.1	14
Homs	171,304	20	0	0	0	20	-	14.3	95.0		-	5
Rural Damascus	370,951	2	0	0	0	2	-	0.7	0.0		-	11
Dar'a	427,276	24	0	0	15	9	8	6.9	83.3	12.5	0.0	13
Quneitra	13,357	4	0	0	3	1	1	37	100.0	0.0	0.0	1
Total	**6,350,454**	**278**	**0**	**0**	**192**	**86**	**37**	**5.3**	**81.7**	**13.7**	**2.9**	**191**

Ps: As a small portion of Lattakia is covered by EWARN, therefore it's combined with Idleb
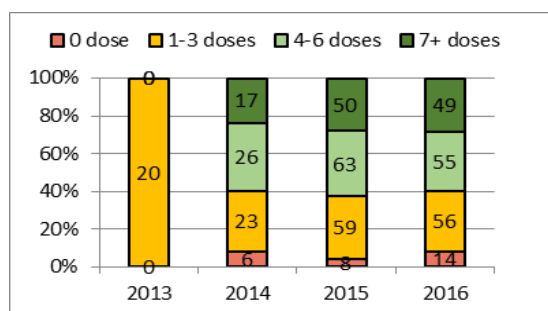
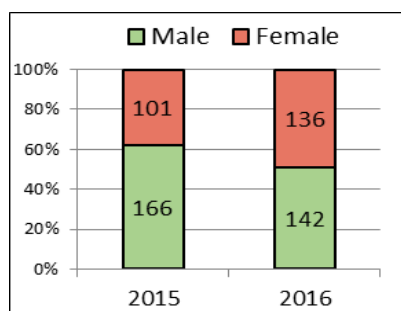### Non-polio AFP rate 2015 - 2016
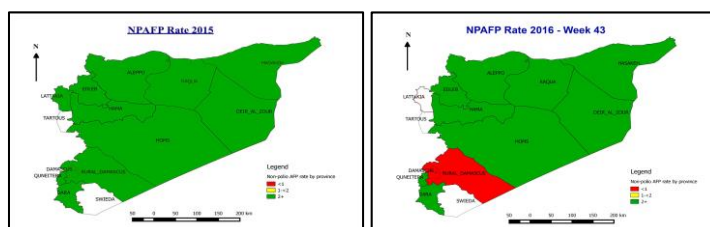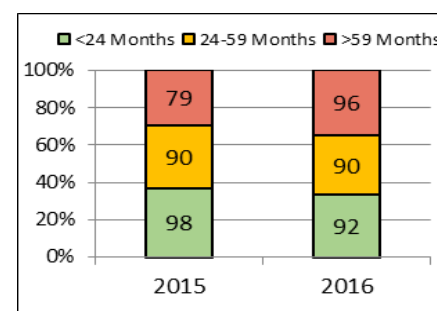

Stool Adequacy 2015 - 2016
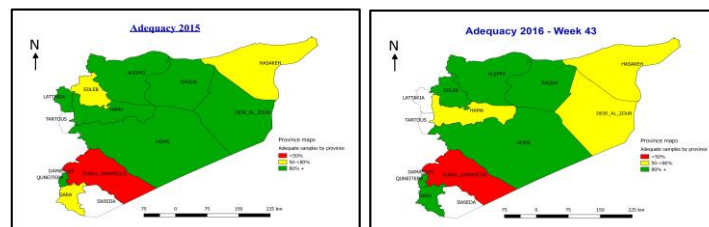
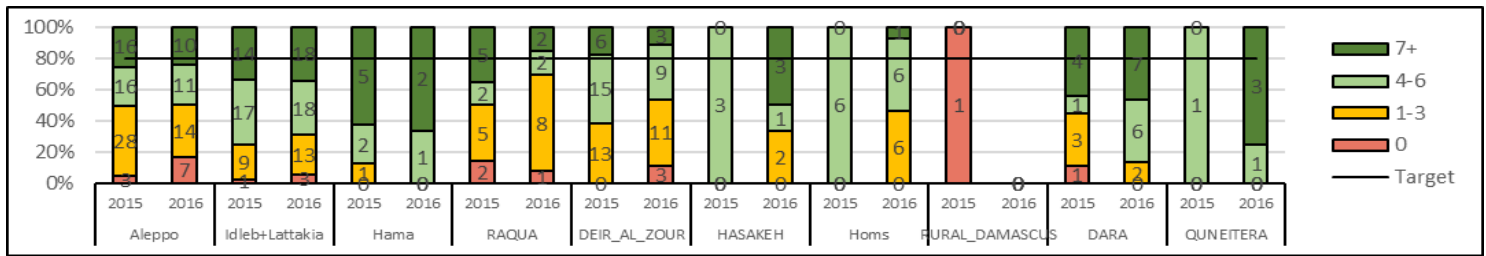### Vaccination of children aged 6-59 month

Sex distribution

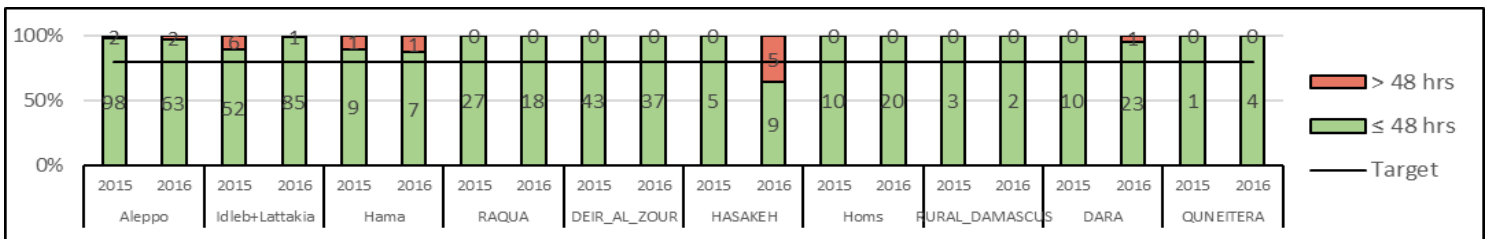### Age distribution

Vaccination status of AFP cases among children 6-59 months, by governorate, 2015 - 2016

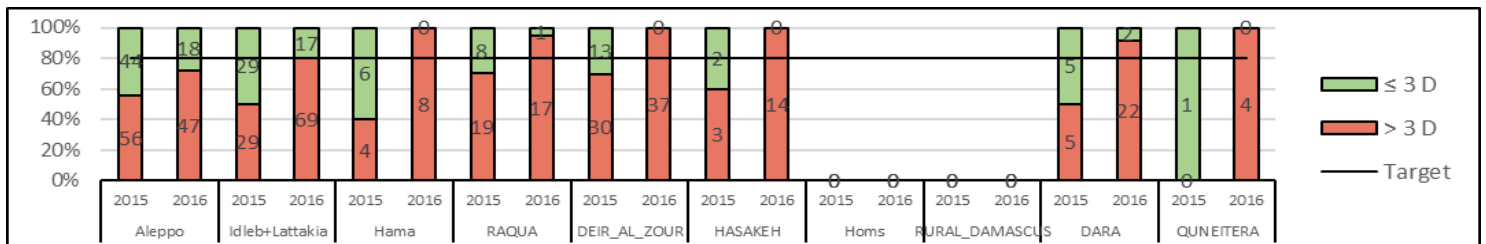Legend: 7+ | 4-6 | 1-3 | 0 | Target

Vaccination status of AFP cases among children 6-35 months, by governorate, 2015 - 2016

Legend: 7+ | 4-6 | 1-3 | 0 | Target
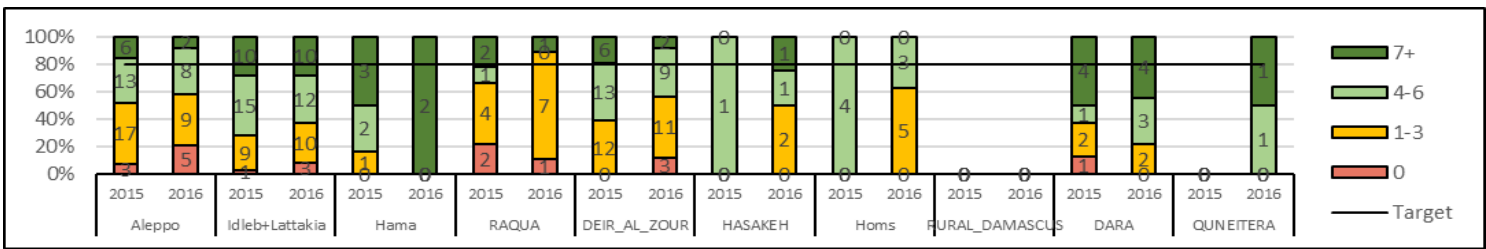
Investigation within 48 hours of detection, Syria, 2015 - 2016

Legend: > 48 hrs | ≤ 48 hrs | Target

2015 -2016 Percent of cases which 1st sample received in lab within 3 days of collection (by case)

Legend: ≤ 3 D | > 3 D | Target

2015 - 2016 Percent of cases which 2nd sample received in lab within 3 days of collection (by sample)

Legend: > 3 D | ≤ 3 D | Target
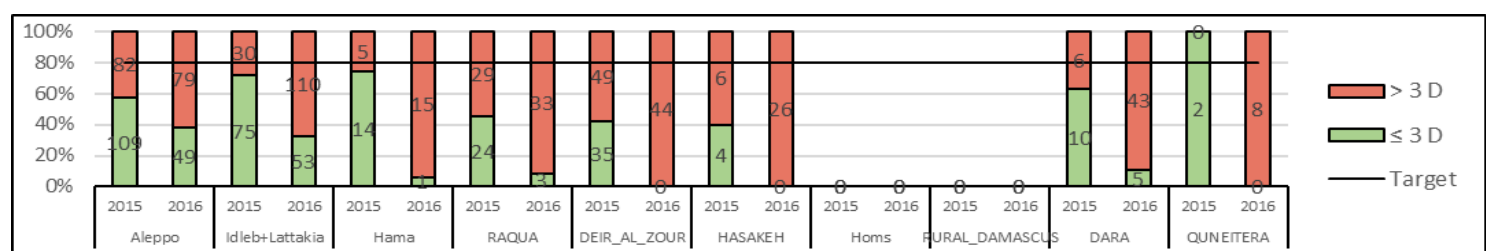
2015 - 2016 AFP cases notified within 7 days of onset of paralysis

Legend: > 7 D | ≤ 7 D | Target