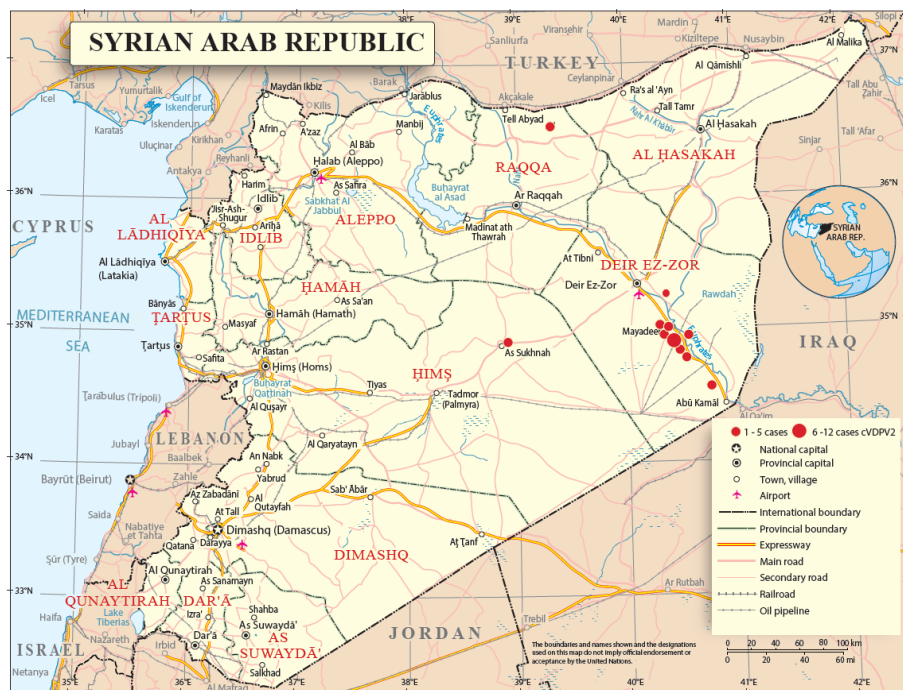


Syria cVDPV2 outbreak Situation Report # 10

22 August 2017

cVDPV2 cases in Deir Ez-Zor, Raqqa and Homs governorates, Syria, 2017



The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations. Source: Syrian Arab Republic, Administrative map, DFS, United Nations 2012

Key highlights

- No new cases of cVDPV2 were reported this week. The total number of cVDPV2 cases remains 33. All confirmed cases to date have had onset of paralysis before 11 July 2017.
- Final lab results are pending for an additional 11 poliovirus type-2 (PV2) isolates (7 from Mayadeen and 3 from Boukamal districts, Deir Ez-Zor governorate, and 1 from Thawra district, Raqqa governorate).
- Raqqa governorate concluded its first immunization round on 17 August. According to administrative data, 103,720 children were vaccinated, representing 86% campaign coverage. Additional coverage data from independent third party monitoring is being evaluated.
- The second immunization round in Deir Ez-Zor governorate is expected to start this week. The second immunization round for Raqqa is being planned for after Eid.
- Under International Health Regulations (2005) (IHR), WHO's Emergency Committee has issued temporary recommendations for Syria as a 'state infected with cVDPV2 with potential risk of international spread'.
- The total number of AFP cases detected in Deir Ez-Zor governorate since the beginning of 2017 is 118 (87 from Mayadeen, 11 from Deir Ez-Zor, and 20 from Boukamal districts).

Raqqa governorate has reported 16 AFP cases (5 from Raqqa, 10 from Tell Abyad, and 1 from Thawra districts).

Summary

New cVDPV2 cases this week: 0

Total number of cVDPV2 cases: 33

Outbreak grade: 3

Infected governorates and districts

Governorate	District	Number of cVDPV2 cases to date
Deir Ez-Zor	Mayadeen	29
	Deir Ez-Zor	1
	Boukamal	1
Raqqa	Tell Abyad	1
Homs	Tadmour	1

Index case

Location: Mayadeen district, Deir Ez-Zor governorate

Onset of paralysis: 3 March 2017, age: 22 months, vaccination status: 2 OPV doses/zero IPV

Most recent case

Location: Tadmour district, Homs governorate
Onset of paralysis: 10 July 2017, age: 24 months, vaccination status: 1 OPV/zero IPV

Immunization response

Two rounds each planned for Deir Ez-Zor and Raqqa governorates. First rounds completed (Deir Ez-Zor 22-26 July, Raqqa 12-17 August). Second round for Deir Ez-Zor expected to start this week.

Characteristics of the cVDPV2 cases

Median age: 16 months, gender ratio male-female: 1:2, vaccination status:

- IPV: 7 cases (21%) received IPV
- OPV: 30% zero dose, 45% have received 1-2 doses

Distribution of non-polio AFP (NPAFP) and circulating vaccine-derived poliovirus type-2 (cVDPV2), Deir Ez-Zor, Raqqa and Homs governorates, 2017

Gov.	Deir Ez-Zor		Raqqa		Homs	
	NPAFP	cVDPV2	NPAFP	cVDPV2	NPAFP	cVDPV2
Jan	2		2		2	
Feb	11		3		4	
Mar	5	2	1		2	
Apr	7	5	1	1	4	
May	13	16	2		3	
Jun	12	8	4		3	
Jul	17		2		7	1
Aug	20				1	
Total	87	31	15	1	26	1

Homs governorate has reported 27 AFP cases (12 from Homs city, 12 from Rastan, 1 from Tadmour and 2 from Talkalakh districts).

Immunization response—Syria

- The national response plan currently includes two immunization rounds each in Deir Ez-Zor and Raqqa governorates. Deir Ez-Zor activities include the southern part of Shadadi district in Hasakah governorate.
- Active searches for additional cases in Tadmour have been conducted; there is no evidence of further poliovirus transmission.

Raqqa

- The first immunization round in Raqqa was held between 12-17 August. According to administrative data, 103,720 children were vaccinated, representing 86% campaign coverage. Additional coverage data from independent third party post-campaign monitoring is being evaluated.
- A total of 123,000 mOPV2 doses were used during the round with a wastage rate of 14.6%. A total of 750 unused mOPV2 vials, with valid vaccine vial monitors, were returned to Qamishli for cold storage. Empty vials will be destroyed in Tell Abyad.

Deir Ez-Zor

- The second immunization round in Deir Ez-Zor governorate is expected to start this week. mOPV2 will be provided for children between 0-59 months of age, and IPV for children 2-23 months. In addition to polio vaccines, Aqua Tabs will be provided to all families for water purification.

Regional response

- Under International Health Regulations (2005) (IHR), WHO's Emergency Committee has issued temporary recommendations for Syria as a 'state infected with cVDPV2 with potential risk of international spread'. The Committee has urged countries receiving Syrian refugees, particularly from Deir Ez-Zor and Raqqa, to ensure polio vaccination with IPV where available. For more information: <http://www.who.int/mediacentre/news/statements/2017/14th-ihp-polio/en/>
- North-western Syria, Turkey, and Lebanon have received additional IPV doses for use in targeting high risk populations, following the release of the vaccine from the global emergency stockpile. Iraq has also conducted immunization activities with IPV in vulnerable populations.

Coordination and surge support

- WHO and UNICEF have deployed additional human resources (surge support) to both hubs since the start of the outbreak.
- WHO-UNICEF joint EOCs in both Damascus and Gaziantep hubs in collaboration with partners continue to monitor the outbreak situation, exchange information, and assist in the response.



Baby in Solok, Raqqa, being vaccinated against polio. Photo: WHO



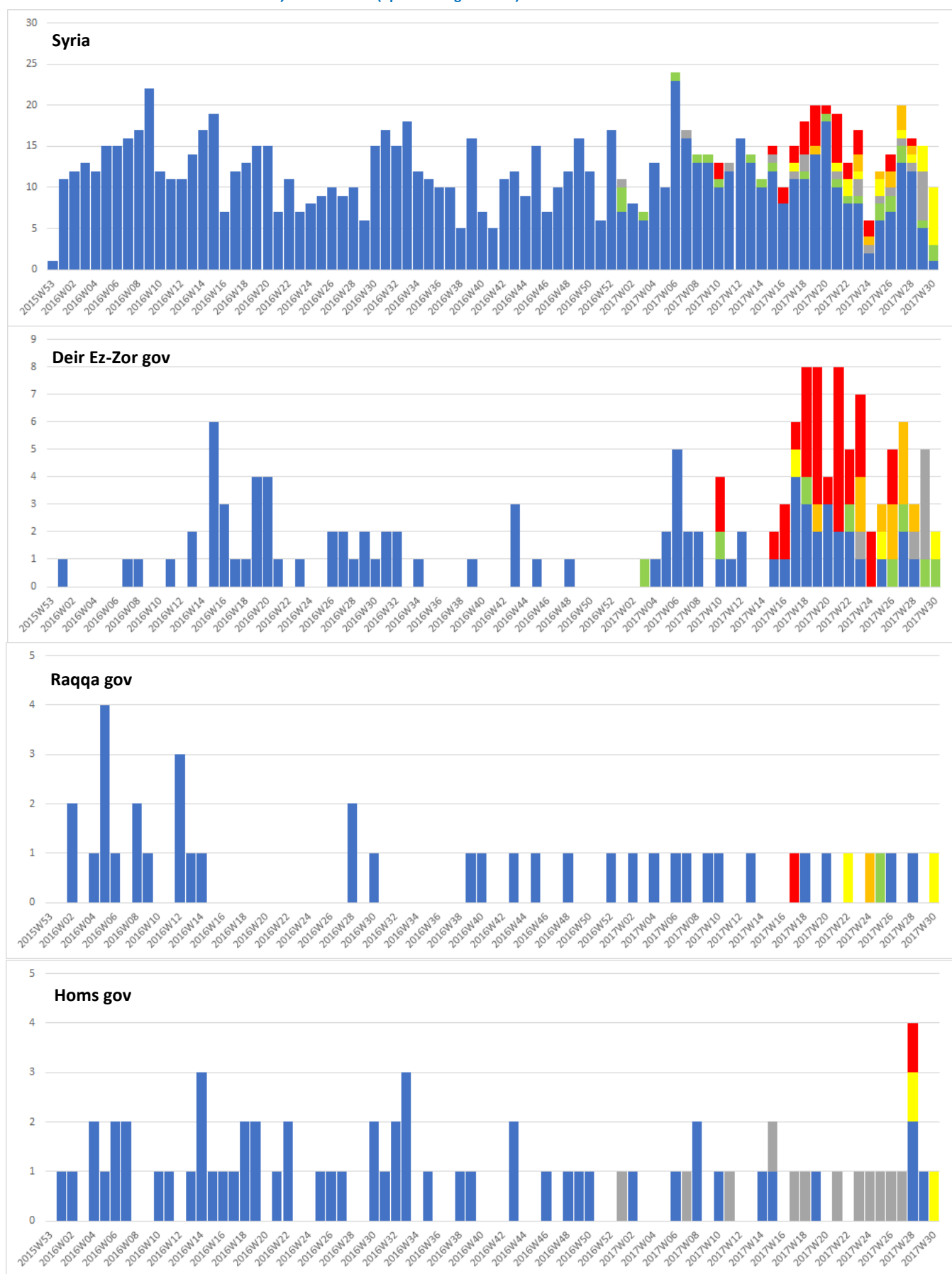
Children in Ein Esa IDP camp showing finger markings after vaccination. Raqqa. Photo: WHO



WHO and UNICEF focal persons monitoring vaccination activities in IDP camps, Raqqa. Photos: WHO



EPI Curve NPAFP and VDPV2 cases, 2015-2017 (up to 21 August 2017)



■ Discarded ■ Pending classification ■ En route to lab ■ Pending lab results ■ PV2 pending sequencing ■ cVDPV2

Vaccination status (OPV) NPAFP cases aged 6-59 months (up to 21 August 2017)



Relevant links

- [Global Polio Eradication Initiative \(GPEI\) website](#), updated weekly
- [Responding to an outbreak of VDPV video](#)
- [What is vaccine-derived polio?](#)
- [GPEI factsheet—VDPV](#)

For more information:

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