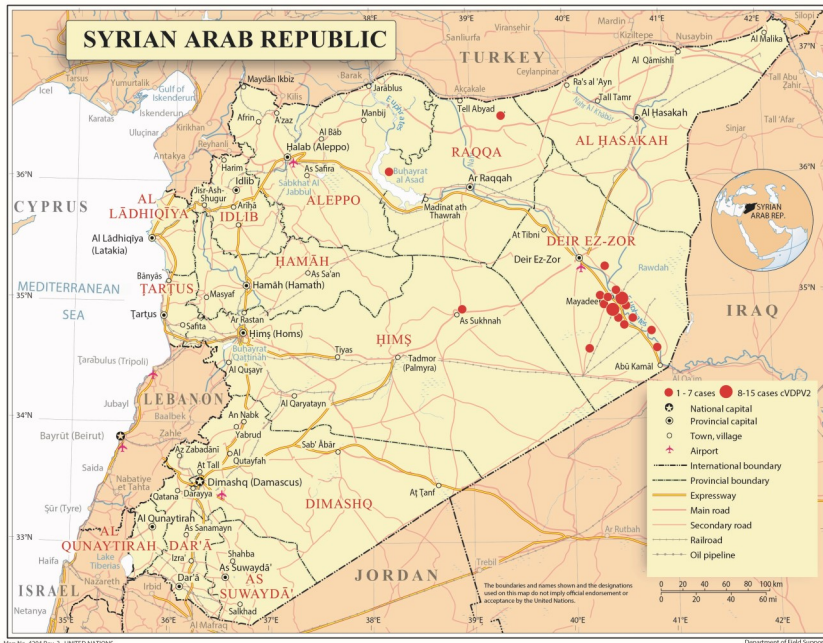


Syria cVDPV2 outbreak Situation Report # 32

30 January 2018

Distribution of cVDPV2 cases in Deir Ez-Zor, Raqqa and Homs governorates, Syria, 2017 and 2018



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 74. The most recent case (by date of onset of paralysis) is 21 September 2017 from Boukamal district, Deir Ez-Zor governorate.
- The first round (mOPV2) of the second phase of the outbreak response has been completed in all the targeted governorates (Deir Ez-Zor, Homs, Hasakah and Raqqa). The campaign was extended for two days in some areas to ensure low performing pockets were covered.
- According to administrative reports a total of 665,736 children aged less than five years were vaccinated with mOPV2, representing 96% of the total estimated target.
- On 29 January, the Syrian Ministry of Health, World Health Organization and UNICEF met with a communication specialist deployed to support the outbreak response to coordinate on the implementation of communication microplans at lower district and lower levels.
- Preparations continue for the second vaccination round which will utilize IPV. Global Polio Eradication Initiative (GPEI) partners continue to assist.

Immunization response

- A post campaign assessment has been carried out in all governorates that implemented mOPV2 vaccination campaign. Post campaign monitoring (PCM) started two days after the campaign concluded and was conducted for three days. Data from the post campaign assessment is still being finalised in some governorates.

Summary

New cVDPV2 cases this week: 0
 Total number of cVDPV2 cases: 74
 Outbreak grade: 3

Infected governorates and districts

Governorate	District	Number of cVDPV2 cases to date
Deir Ez-Zor	Mayadeen	58
	Deir Ez-Zor	1
	Boukamal	12
Raqqa	Tell Abyad	1
	Thawra	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/zero IPV

Most recent case (by date of onset)

Location: Boukamal, Deir Ez-Zor governorate
 Onset of paralysis: 21 September 2017, age: 5 months, vaccination status: zero OPV/zero IPV

Characteristics of the cVDPV2 cases

Median age: 15 months
 Gender: approximately two thirds of cases are female
 Vaccination status of the cases:
 - IPV: 11 cases (15%) received IPV
 - OPV: 41% zero dose, 42% 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 2017-2018

Gov.	Deir Ez-Zor		Raqqa		Homs	
	NPAFP	cVDPV2	NPAFP	cVDPV2	NPAFP	cVDPV2
Jan'17	2		2		2	
Feb'17	11		3		4	
Mar'17	5	2	1		2	
Apr'17	7	5	1	1	4	
May'17	13	16	2		3	
Jun'17	8	12	4	1	3	
Jul'17	8	9	2		8	1
Aug'17	12	22			6	
Sep'17	2	5	3		3	
Oct'17	2		4		8	
Nov'17	10		2		3	
Dec'17	9		3		3	
Jan'18	8		3			
Total	97	71	30	2	49	1

- PCM was carried out by independent sources i.e. utilizing the services of local NGOs in Raqqa and Hasakah, while teachers from the education department carried out the monitoring in Deir Ez-Zor governorate. The post campaign data from Deir Ez-Zor is still being finalised.

Hasakah

- PCM data indicates high vaccination rates during the campaign in Hasakah. Initial data shows 91% children vaccinated based on parents'/ caregiver's recall and 81% by finger marking.
- Five camps housing refugees and internally displaced persons (IDPs) were also reached during the round. Post campaign monitoring showed that the proportion of children vaccinated was higher among those living in camps than for those living outside the camp. Caregivers' recall indicates 93% children vaccinated inside such camps while 73% outside the camps.

Raqqa

- PCM showed 84% children vaccinated by caregivers' recall and 79% coverage by finger marking for the governorate overall. Assessment for internally displaced persons in (IDP) camps in Raqqa also showed higher rates: 82% by recall, 76% by finger marking.
- Children in Raqqa city were vaccinated for the first time since the beginning of the outbreak response in the first round of phase two. Initial PCM showed 90% children vaccinated (approximately 20,000 children) by caregiver recall and 86% by finger marking.

Phase one activities

- In the first phase of the response, more than 350,000 resident, refugee and internally displaced children were reached with mOPV2 through two mass vaccination rounds in Deir Ez-Zor and Raqqa governorates. Additionally, World Health Organization and UNICEF coordinated with the Government of Syria and local authorities to reach children aged 2-23 months with IPV in infected and high risk areas of Deir Ez-Zor, Raqqa, Aleppo, Idleb, Hama and Homs governorates and areas of Damascus, Rural Damascus and Hasakah.

Communications for Development (C4D)

- A UNICEF Regional Office C4D specialist is on mission in Syria to support the campaign and district level microplanning for the next round.

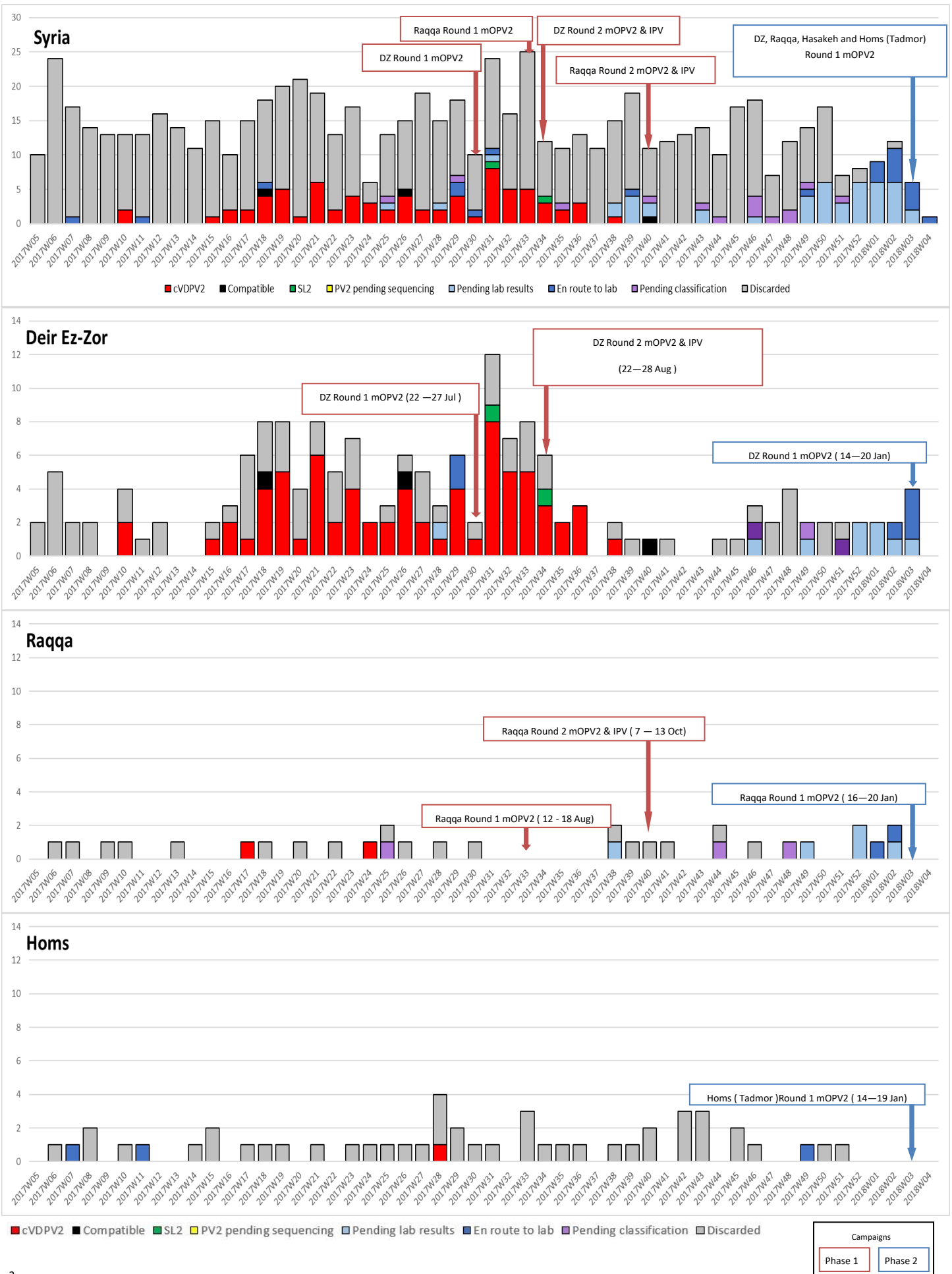
Coordination and surge support

- WHO and UNICEF continue to monitor the outbreak situation, exchange information, and assist in the response through the joint Emergency Operations Centers (EOCs) in both hubs (Gaziantep and Damascus).
- UNICEF Regional Office is supporting Gaziantep hub with C4D, immunization and data management specialists.

Surveillance summary

- In 2017, Syria and all governorates but four are meeting both key indicators for AFP surveillance: 3* or more non-polio AFP cases per 100,000 children below 15 years of age, and 80 percent or above AFP cases with adequate specimens. Deir Ez-Zor (76%), Raqqa (67%), Rural Damascus (76%) and Swieda (63%) are missing the 80% target for stool adequacy. (*NB: In an outbreak setting, the target is 3 or more non-polio AFP cases per 100,000 children below 15 years).
- The total number of AFP cases detected in Deir Ez-Zor governorate since the beginning of 2017 is 168 (109 from Mayadeen, 28 from Deir Ez-Zor, and 31 from Boukamal districts). Raqqa governorate has reported 32 AFP cases (12 from Raqqa, 18 from Tell Abyad, and 2 from Thawra districts). Homs governorate has reported 50 AFP cases (25 from Homs city, 20 from Rastan, 1 from Tadmour, 1 from Moukahram and 3 from Talkalakh districts).
- Two surveillance officers from each governorate came together for a surveillance review meeting in Damascus to deliberate upon further strengthening the surveillance for polioviruses. The meeting reviewed the current status of AFP surveillance and complimentary surveillance strategies e.g. healthy children sampling as well as procedures for specimens' handling and shipment to the laboratory. The meeting also reviewed and updated the estimates for the children aged less than 15 years as well as the surveillance resource requirements for the year 2018.

EPI Curve of AFP cases by classification, 2017 and 2018 (up to 28 January 2018)



Campaigns

- Phase 1
- Phase 2

Vaccination status (OPV) NPAFP cases aged 6-59 months (up to 28 January 2018) *2018 cases not included



■ 3+ doses
■ 1-2 doses
■ Zero dose

Relevant links

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

For more information:

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