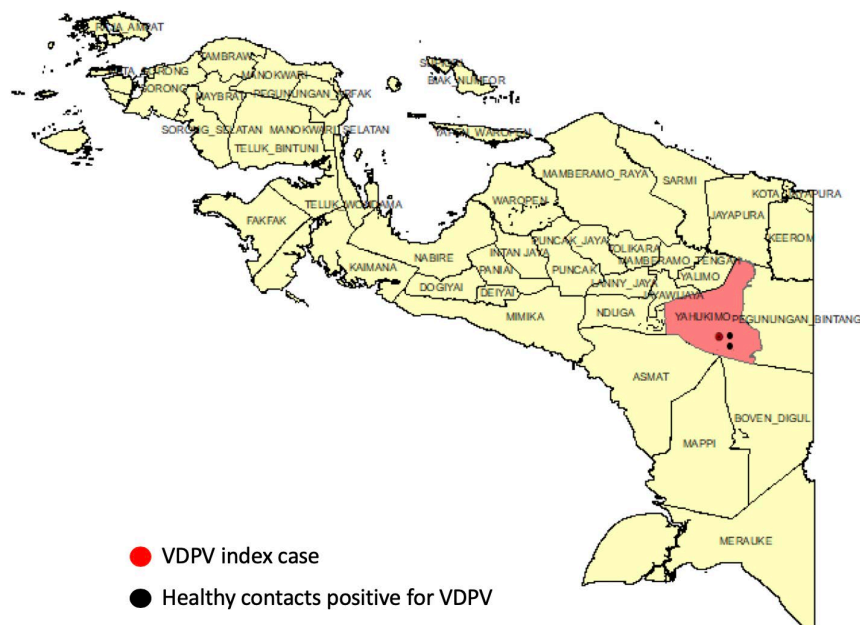


## Indonesia cVDPV1 Outbreak Situation Report #2

26 April 2019

cVDPV1 cases in Papua Province, Indonesia, 2018 - 2019



### Weekly Highlights

- No new cases reported this week - epi week 17
- The total number of confirmed circulating vaccine derived poliovirus type 1 (cVDPV1) in Indonesia remains 1 - positive samples from two healthy children confirm VDPV1 circulation in Yahukimo District, Papua Province.
- The first immunization response round targeting children 0 to below 15 years in Papua and West Papua Provinces has concluded in West Papua and remains ongoing in Papua.
- West Papua Province:** Reported coverage from round 1 in West Papua is approaching 100% with all districts reporting more than 95% of targeted children vaccinated. A second round of bOPV immunization is planned for April 29-May 3.
- Papua Province:** As of 25 April, 10 of 29 districts in Papua Province have reached 95% coverage; with an additional 4 districts between 80-95%. Coverage however remains below 80% in 15 districts which are largely in the highland areas (including Yahukimo), where dense forest cover, a lack of roads and limited health infrastructure and access makes reaching children very difficult. A special strategy to improve coverage in 17 high-risk districts in round 2 is currently being finalized.
- Rapid Convenience Assessments (RCA) are being conducted to verify reported coverage and will continue this week. Twenty-five reports are currently available. Reports indicate that the main reasons for missed children are out of house or travelling, not aware of campaign. There is minimal refusal reported. Major sources of information for parents are reported as health workers, church and schools.
- A provincial review meeting, focused on updating micro-plans and budgets for round 2 of the polio outbreak response, is being held in Jayapura, Papua this week. Senior teams from national and provincial levels will assist district health officers validate the plans locally before peer review.

### Summary

New cVDPV1 cases this week: 0  
Total number of cVDPV1 cases: 1  
Total number of healthy children contact positive for VDPV1: 2  
Outbreak grade: 1  
Most recent detection: 13 Feb 2019

### Case Details

Sex: Male  
Age: Thirty-one months  
Onset of paralysis: 27 Nov 2018  
Vaccination status: 0 dose

### Infected Area

Dekai Subdistrict  
Yahukimo District  
Papua Province

### Outbreak Response

Where: Papua and West Papua  
Who: All children 0 to below 15 years  
Target: 1.26 Million Children  
Vaccine Type: bopv

# Immunization Response

## Round 1

- The first polio sub-national polio response round, targeting children 0 to below 15 years has finished in West Papua and in accessible districts of Papua. Vaccination in hard to reach districts of Papua Province will finish on 28 April, 2019.
- Vaccination targeting all travellers to and from Papua is continuing at key airports, sea ports and crossing points.
- Indonesia has adopted a differentiated approach for reaching all children that is tailored to 3 geographical and social risk zones (1) West Papua (2) Papua accessible/lowlands, and (3) Papua poorly accessible/highland areas.
- As of 25 April, 943,256 children out of a targeted 1,262,880 in Papua and West Papua have been vaccinated with an additional dose of bivalent oral polio vaccine (bOPV).
- In West Papua all 13 districts have reached at least 95% of the targeted population with many districts reaching more than 100% of the estimated target.
- In Papua Province, 10 of 29 districts have reached 95% coverage. A further four have reached more than 80% coverage. 15 districts have coverage reported at less than 80%, including Yahukimo District with coverage reported as 17%.
- Approx 350, 000 children 0-15 years have not yet been reached during round 1. Almost all of these children live in very hard to reach districts of the highlands. (see below)

### Province

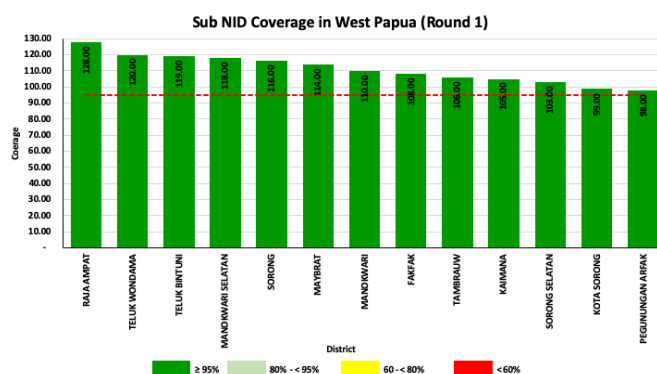
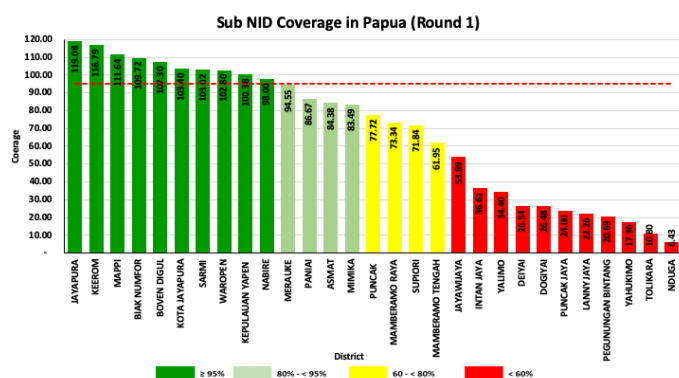
### Target children 0-15 years (central target)

### Coverage as of 25 April

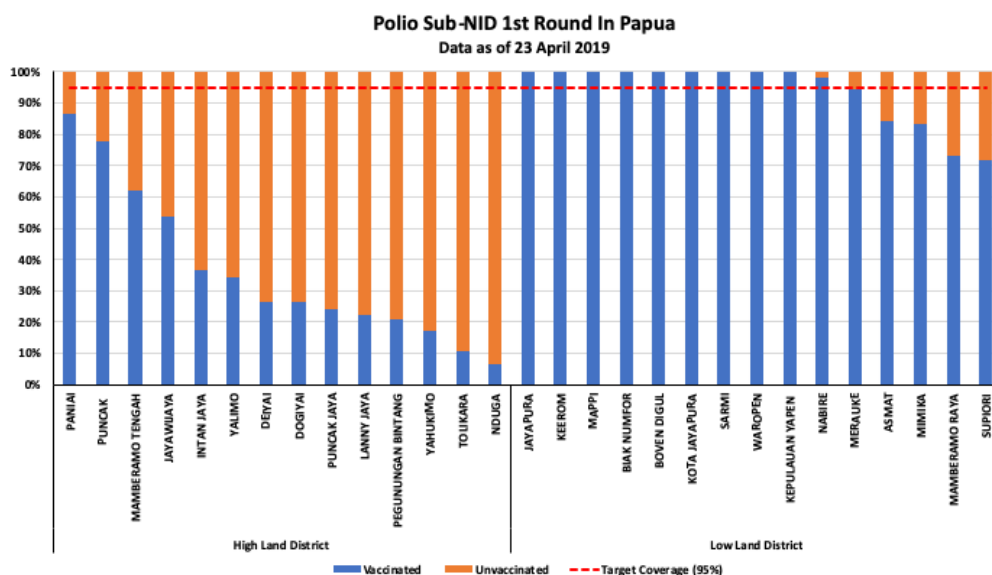
Papua  
West Papua

977, 650  
285,230

631, 305 (65%)  
311, 951 (109%)



Almost all missed children in very hard to reach highland districts of Papua Province

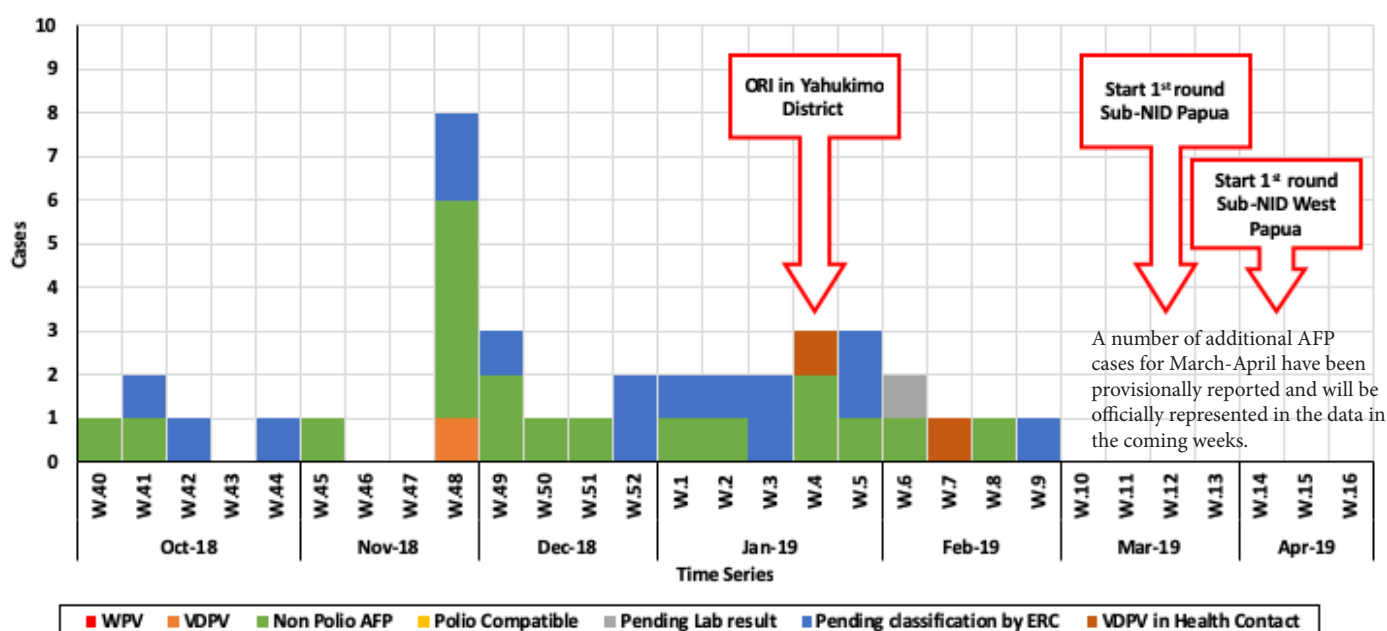


## Preparations for Round 2

- Dates for round two of the response have been finalized: West Papua and all districts in Papua Province that reached 95% coverage by 13 April 2019 will initiate round two of the response 29 April – 5 May 2019. Extended outreach and implementation efforts to 17 districts with access challenges in highland areas are planned for 13 – 31 May 2019.
- Significant efforts are being made by the MOH and partners to strengthen planning and operations for round two. Micro-plans and budgets have been revised in all areas, however special efforts have been made to review and complete plans in highland areas with national and provincial focal points supporting district health offices compile and validate plans this week in Jayapura.
- MoH and partners have worked on a special implementation plan for Yahukimo and other highland districts that will require extensive air support to deliver vaccines and logistics and to intensify social mobilization activities to reach otherwise difficult-to-access children. A plan to deliver vaccines to 47 airstrips and landing sites in Yahukimo during round 2 is now finalized and funded and will be initiated in the coming week. Lessons learned from the effort are anticipated to inform operations in other inaccessible/highland districts.

## Surveillance Summary

- In 2018, Indonesia's NPAFP rate was 2.12 with a stool specimen adequacy rate of 78%. 13 provinces of 34 met both key indicators for AFP surveillance: 2 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.
- In 2018, Papua province had a NP AFP rate of 1.5 with stool collection at 62%. West Papua province had a NP AFP rate of 0.3 with stool collection at 0%.
- To ensure AFP cases have not been missed in Indonesia – retroactive case search through Hospital Record Reviews are being conducted this week in 12 designated high-risk provinces.
- This week two new AFP cases have been reported from West Papua Province. Detailed case investigations of the cases have been conducted.
- On the 24 April, the Indonesian Expert Review Committee met in Jakarta to review AFP cases pending expert classification. A total of 22 cases were reviewed: 17 cases have been classified as non-polio, 2 cases are non-AFP and 3 cases, from Jakarta, South Kalimantan and Papua, will undergo further investigation.
- Environmental Surveillance continues to support surveillance sensitivity in 11 provinces, with two sites newly established in Jayapura and Yahukimo District in Papua. All samples taken in Papua since Sept - 18 when the sites were established have tested negative for all poliovirus.





## Communication and Social Mobilization

- Local media awareness and sensitization activities took place in both West Papua and Papua provinces in March.
- Community involvement in social mapping component of micro-planning process in all high risk districts has been added to assist in mapping areas of congregation, vulnerable or undervaccinated children and other local community social structures that can be utilized to reach more children
- A low-literacy pictorial community discussion guide has been rapidly developed and pretested, and is being printed and distributed widely through community social mobilizers, religious and traditional leaders. The guide will aid in raising awareness of polio, AFP, benefits of immunization, and importance of accepting bOPV each time it is offered.



- IEC and media materials have been developed including radio jingles, video PSAs, and key messages for distribution on air, on social media, and to be played during community gatherings.
- Civil society engagement / mobilization in support of the polio campaign has taken place with a range of groups including churches, scouts, the Red Cross, midwives and other professional associations, as well as village-based civic and traditional leadership structures.
- Special social mobilization strategies are under development for Yahukimo District, where social mobilization must happen in conjunction with immunization due to accessibility issues requiring plane and helicopters to reach sites.

- Five local NGOs have been contracted to provide additional social mobilization support and vaccine hesitancy monitoring for inaccessible/high-land districts in Papua Province. Ground-level outreach will be particularly important in high-risk districts where access to print, broadcast and social media are known to be poor.



Indonesian children from Papua receive their polio vaccination Credit: WHO Indonesia, UNICEF Indonesia

## Surge Support

## Ministry of Health

- Indonesia Ministry of Health continues to deploy senior teams of experts to Papua and West Papua provinces to support the planning, monitoring and evaluation of polio response activities. Senior staff have travelled to Papua this week to support the micro-planning and budget review process and will travel to districts to help validate these plans.
- The Director General of Disease Prevention and Control, MoH and team will travel next week to attend a Health Coordination Review Meeting in Jayapura. Improving polio outbreak response activities is a key focus of this meeting.

## WHO

- WHO have established a field office in Papua Province and recruited 10 national officers to support Papua and West Papua.
- Two WHO international consultants have arrived in Jakarta this week – the consultants will assist with data and information analysis and management while supporting the quality of operations in Papua and West Papua.
- WHO Geneva has deployed a senior polio medical officer to support operations in Papua Province until 20 May.
- WHO SEARO regional polio focal point will arrive next week support planning and operations in Papua.

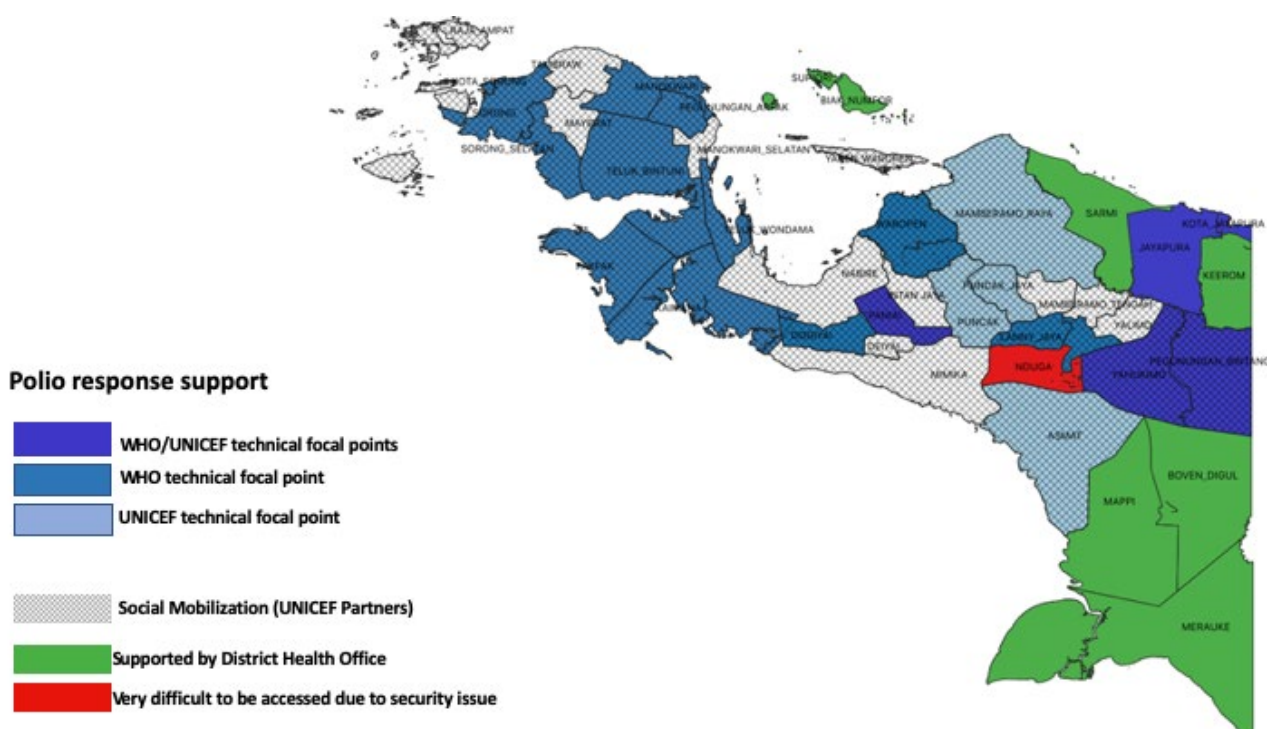
## UNICEF

- UNICEF has two established field offices in the capitals of Papua and West Papua Provinces. These teams have been re-enforced with surge support of national officers and consultants for immunization and C4D; alongside re-deployment of EPI specialists from Jakarta and other field offices across Indonesia.
- Two international polio experts - an immunization and communication specialist are scheduled to arrive in Jakarta the first week of May.

## Other

- Rotary continues to provide social mobilization and IEC material support in key districts of Papua and West Papua.
- CDC providing communication and demand expert to support round two campaign planning out of UNICEF office until 3 May.

Partner support April 26	At national level		Papua Province	Papua Barat	Other Provinces
	Int'l staff	Nat Staff			
WHO	4	7	8	2	10
UNICEF	2 (2pending)	7	9	2	3 (surge to Papua)
Other	1 (CDC)				





## Coordination

- The Ministry of Health continues to lead and coordinate government and partner support for all polio outbreak response activities. Weekly meetings at a national level help to coordinate activities and monitor the implementation of the polio outbreak response plan at local levels.
- Strong cross-ministerial support has been received early in the campaign through the office of the President's Chief of Staff, who have brought together the ministries of finance, home affairs and the military – the latter who have offered logistical support where needed.
- In Jayapura, Papua Province a Provincial Emergency Operating Centre has been established with WHO and UNICEF staff sharing office space to improve coordination and information sharing between the two agencies. Daily coordination with the Provincial Health Office and partners is established.
- As part of the Emergency Response Plan, efforts have begun to establish a forward polio control room in Wamena District, Papua Province. The purpose of this control room would be to improve coordination and support to the identified 17 high-risk districts with hard to reach populations.
- A weekly Joint WHO/UNICEF Video Conference between national and provincial teams is planned to strengthen coordination and information sharing.
- Rotary International and IFRC continue to provide valuable support in mobilizing local communities working with local NGO and church groups to sensitize and build demand for polio vaccination. A weekly partners meeting hosted by WHO in Jakarta helps coordination and sharing of strategies and tools between key partners.

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Left: Indonesian children in Papua Province proudly support polio vaccination. Photo: UNICEF Indonesia. Right: MoH Indonesia staff vaccinate travellers at the sea port in Papua Province. Photo: MoH Indonesia