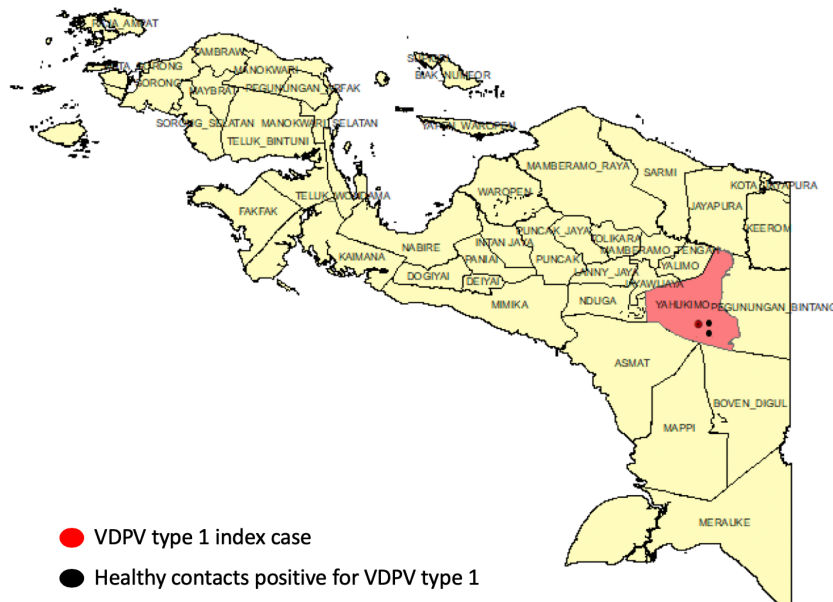


## Indonesia cVDPV1 Outbreak Situation Report #6

24 May 2019

For internal circulation only

cVDPV1 cases in Papua Province, Indonesia, 2018 - 2019



### Weekly Highlights

- No new cases reported this week - epi week 20
- The total number of confirmed circulating vaccine derived poliovirus type 1 (cVDPV1) in Indonesia remains 1 - positive samples from two healthy children have been collected confirming the circulation of VDPV type 1 in Yahukimo District, Papua Province.
- The second polio immunization response round in West Papua has finished. Teams have started to assess local coverage by conducting Rapid Convenience Assessments (RCA) scheduled for all districts. In Papua vaccination is continuing in low-land districts.
- Round 2 vaccination has also continued in Yahukimo District this week, the epicenter of this outbreak. Partial data from health centers report more than 15,000 targeted children have been vaccinated through enhanced efforts.
- Round 2 vaccination in the other 16 high-risk districts will intensify once Yahukimo District has finished vaccination and lessons can be distilled to support high coverage in these other areas. Significant additional funding for these areas will be needed. Internal discussions are underway within the PHO and Ministry regarding execution and external resource requirements.
- Rotary Indonesia have produced new materials for advocacy and communication that will be distributed across Papua and West Papua next week - more than 20 000 pins, 3000 T-shirts as well as other promotional materials have been produced and printed.
- Three new AFP cases from Papua have been officially reported this week and three cases from West Papua. The total number of AFP cases officially reported from Papua in 2019 is 24 and 6 from W. Papua.

### 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

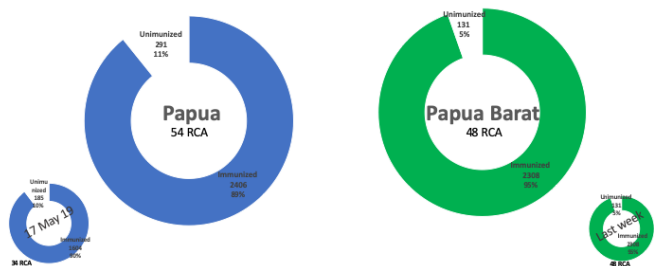
- Indonesia has adopted a differentiated approach for reaching all children that is tailored to 3 geographical and social risk zones (1) West Papua (2) Papua accessible/lowlands, and (3) Papua poorly accessible/highland areas.
- Travelers visiting Papua for longer than four weeks are being vaccinated at points of entry until the outbreak is closed. To date, more than 1500 travelers have already been vaccinated at 5 transit points, including airports and main shipping ports. West Papua Port Authority has also started transit vaccination at seaports, airports and malls in a number of districts including Sorong and Manukwari.
- Border vaccination is taking place in 5 districts (Kota Jayapura, Keerom, Pegunungan Bintang, Boven Digul, Merauke) with official border crossings between Papua Province and Papua New Guinea. People coming from Papua and West Papua for Eid vacations are also being given an additional dose of bOPV.

| Round   | Dates                                 | Geographical Area           |
|---------|---------------------------------------|-----------------------------|
| Round 1 | 01 – 17 April                         | West Papua All districts    |
|         | 18 March – 28 April                   | Papua – Low Land Districts  |
|         | 18 March – 28 April                   | Papua – High Land Districts |
| Round 2 | 29 April – 5 May                      | West Papua                  |
|         | 29 April – 5 May (extended to 31 May) | Papua – Low Land Districts  |
|         | 13 – 31 May                           | High Land Districts         |

### Round 1

- The first polio sub-national polio response round, targeting children 0 to below 15 years with a supplementary dose of bivalent oral polio vaccine (bOPV) was completed on 28 April. It has taken several weeks to report the total number of children vaccinated. As of May 24 - 1,003,981 of the 1,262,880 targeted children in both provinces have been reported vaccinated.
- In West Papua all 13 districts reported reaching at least 95% of the targeted population with many districts reaching more than 100% of the estimated target.
- In Papua Province, 11 of 29 districts reached 95% coverage. A further three reached more than 80% coverage. Fifteen districts have coverage reported at less than 80%, including Yahukimo District with coverage reported at 19%.
- An additional 20 Rapid Convenience Assessments (RCA) were conducted in Papua this last week to assess the quality of the first polio round. As of 22 May, 54 RCA assessing 2697 children in 9/29 districts of Papua, have been conducted. Eleven percent of children assessed missed the first campaign dose. 48 RCA have been conducted in West Papua assessing 2439 children across 12/13 districts with coverage levels of 95%.

#### RCA: Observation to Sub-PIN target houses

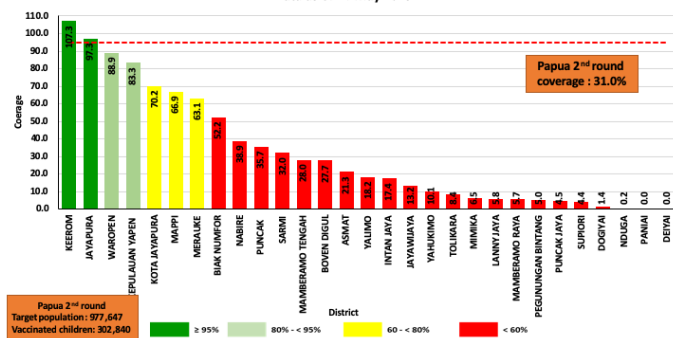


Left: Rapid Convenience Assessments (RCA) validate reported coverage from round 1 and identify any missed children Right: Pharmacy Division of the DHO Pegunungan Bintang Credit: Papua PHO

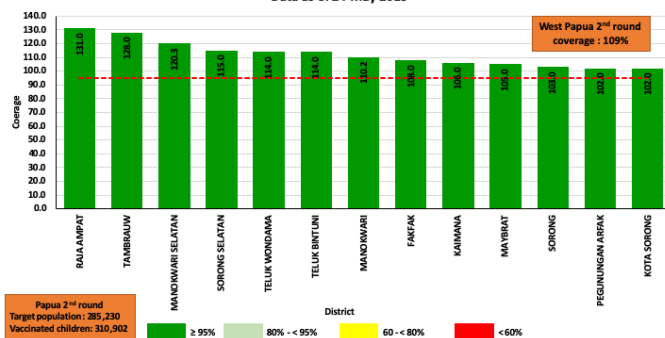
### Round 2

- West Papua: Round 2 of the polio sub-national outbreak response has been completed in West Papua. As of May 24, reported coverage from West Papua is 109%
- Reported coverage in Papua as of May 24, where round 2 is being staggered, is at 31%. Complete and regular district reporting of coverage from many areas of Papua remains challenging and data reporting from remote health centres can take several weeks.
- Work is ongoing to support districts implement the round as soon as possible. Support teams from the PHO, WHO and UNICEF continue to travel continuously to follow up with district health offices, monitor implementation, conduct rapid convenience assessments and address local quality issues.
- Vaccination in Yahukimo district has started on 15 May 2019 after intensive review of plans by MoH, PHO, DHO, UNICEF and supporting partners. As of 24 May 2019, 24 out of 33 Puskesmas have completed the campaign. Social mobilization teams and the vaccinators were air-lifted from Dekai, the capital of Yahukimo in these 24 Puskesmas by Adventist Aviation using small fixed wing aircraft. Not all of the target children (0 – 15-year-old) living in the villages under the 24 Puskesmas are immunized because some villages can only be reached using helicopter from Wamena city, the capital of Jayawijaya which is close to north villages of Yahukimo. The first Helivida flights to reach out to 9 Puskesmas and the villages are scheduled to start from 31 May 2019. Partial data reports more than 15,000 children in Yahukimo district are vaccinated.
- Rapid Convenience Surveys (RCAs) are ongoing in both provinces in all areas that have reached their round 2 target.

Sub NID Coverage in Papua (2<sup>nd</sup> round – 01 May 2019 up to 25 May 2019)  
Data as of 24 May 2019



Sub NID Coverage in West Papua (2<sup>nd</sup> round – 01 May 2019 up to 25 May 2019)  
Data as of 24 May 2019

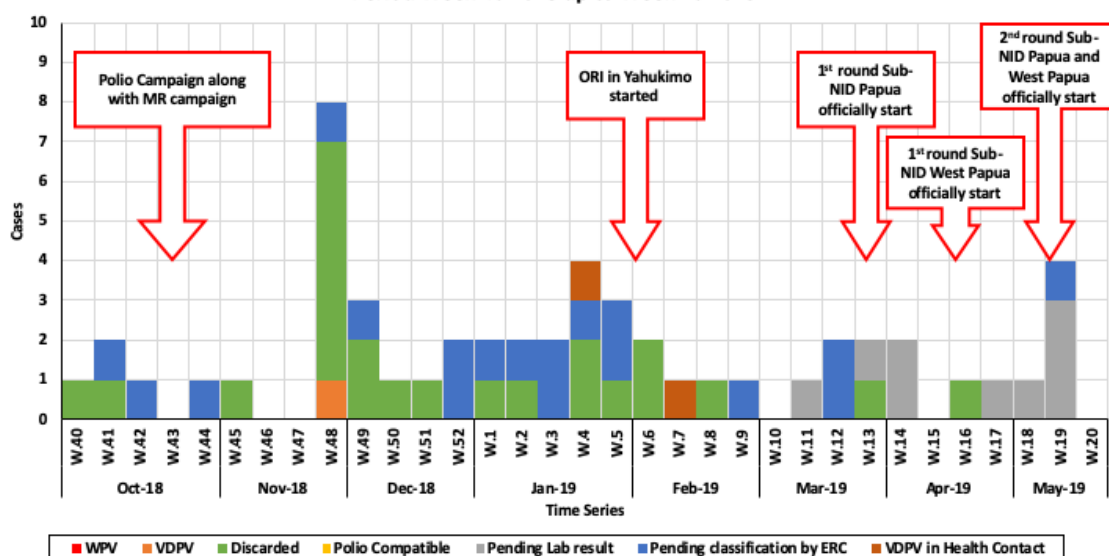


Data valid as of 24 May

## Surveillance Summary

- In 2018, Indonesia's non-polio acute flaccid paralysis (NP AFP) rate was 2.14 with a stool specimen adequacy rate of 79%. 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.
- Nationally, one hundred and forty-six AFP cases reported in 2018, which tested lab negative for poliovirus, are pending final classification by Indonesia's Expert Review Committee.
- In 2019, Indonesia's NP AFP rate is 1.02 with a stool specimen adequacy rate of 82%.
- In 2019, Papua province has a NP AFP rate of 2.66 with stool collection at 50%. West Papua has recently reported 6 AFP cases and lab results are awaited.
- Active surveillance and AFP case reporting continues to increase in both provinces compared to previous years. However, both provinces are having challenges with timely reporting and investigation of cases.
- Environmental surveillance samples were taken from a site in Yahukimo district on the 16 May. The MoH is currently developing a plan to ensure more regular collection of environmental samples are taken from established sites in Papua as well as evaluating expanding ES in new districts in both Papua and West Papua.
- Hospital Record Reviews (HRR) in 12 high-risk provinces continue. Reviews have already taken place in major hospitals of 7 of the 12 high risk provinces, including Papua and West Papua. In Papua: 15 out of 40 hospitals in 21 districts in Papua have conducted HRR. Eight districts in Papua don't have hospitals. In West Papua: 9 out of 18 hospitals in 13 districts in West Papua have conducted HRR. Five districts in West Papua don't have hospitals. A number of missed AFP cases were found during the exercise and have proved important opportunities to re-sensitize district, health centre and hospital staff on the importance of timely and accurate AFP reporting.

AFP Cases Classification in Papua and West Papua  
Period Week 40 2018 up to Week 20 2019



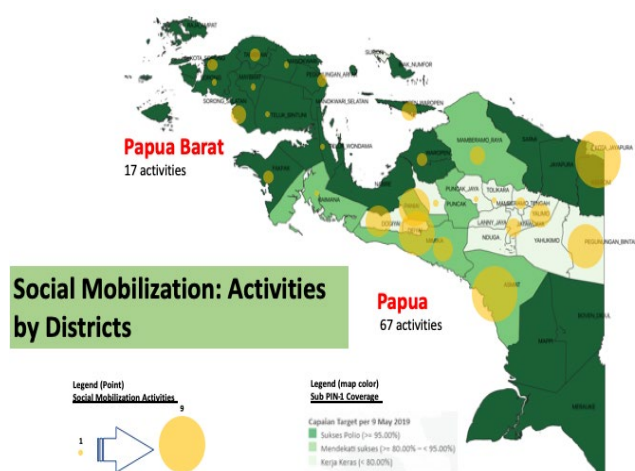


## Communication and Social Mobilization

- Public Service Announcement (PSA) Production. PSA production started on 16 May 2019 in Jayapura. A call for action was delivered by SEKDA (Regional Secretary) of Papua Province on behalf of the Governor. In addition to SEKDA Papua, a call for action was also made featuring the head of the Provincial Health Office, the Secretary of Women's Task force of Papuan People's Congress, the Bishop of Jayapura, the Head of the Provincial Women Empowerment and Child Protection Office and the Head of the Nahdlatul Ulama of Jayapura City. Various influential components of the Government, religious leaders, women's organizations are represented in the PSA.
- Video documentation of Yahukimo district from the air was also taking place during the week of May 20th, 2019. This is aimed at showing the challenging geographical situation of Yahukimo district which makes most of the sub-districts reachable only by air.
- A photo exhibition took place from 20 – 25 May 2019. SEKDA Papua inaugurated the exhibition on 20 May which is commemorated as National Awakening Day 2019 (Hari Kebangkitan Nasional 2019). Photos related to the polio campaign in Papua province were displayed at the main hall of the Governor's office. On the last day, the photos were displayed on the sidewalk along the waterfront opposite the Governor's office. People who were waiting for the 'iftar' time or just hanging around with their family on the beach were the main target of the outdoor photo exhibition. Songs, games and fun activities were held around the polio theme by children and adolescents to make the Polio Round 2 campaign mobilization more attractive.



A new TV PSA aimed at raising local knowledge about the threat of poliovirus and what parents can do to protect their children is shot on site in Papua. The PSA will feature call to action from the Regional Secretary of Papua Province and many other senior representatives of the province  
Credit: UNICEF Indonesia



Bottom - a series of photo exhibitions featuring the incredible work of local vaccinators responding to the polio outbreak have been held this week in Jayapura the capital of Papua Province Credit: Try Harysantoso and Ratih Woelandaroe/UNICEF Indonesia





## Surge Support

### Ministry of Health

- The Indonesian Ministry of Health continues to deploy senior experts to Papua and West Papua Provinces to support the planning, monitoring, coordination and evaluation of polio response activities.
- A team of senior immunization staff, both technical and administrative, have been identified and are in Papua and West Papua to support operations. The teams will review performance of immunization, surveillance and social mobilization with the aim of documenting lessons to further programme improvements.

### WHO

- WHO have established a field office in Papua Province and recruited 10 national officers to support Papua and West Papua. A senior NPO from Jakarta has been deployed all of May to assist the local team.
- Two international consultants are currently assisting with data, information analysis and communication coordination/management.
- WHO is currently recruiting 3 additional local data managers in outbreak areas to support data collection and analysis. Interviews for the positions are scheduled for next week.

### 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 consultants - an immunization and communication specialist arrived in Jakarta this week for a three-month deployment. Both consultants will leave Monday to visit Jayapura from 27 - 31 May to meet with local teams and support ongoing implementation of the outbreak response plan.

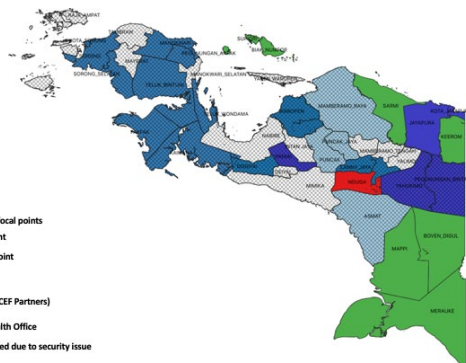
### Other

- 60 Red Cross (RC) Volunteers continue to provide support to local Puskesmas staff vaccinating (giving oral vaccination) and marking children that have been vaccinated (covering 12 Puskesmas in Jayapura district).
- CDC Indonesia office is strengthening their support for outbreak response operations through the Indonesian Epidemiologist Association (PAEI). District focal points will primarily support the regular and timely reporting of AFP cases and strengthen monitoring by conducting RCA.

| Partner support May 24 | At national level |           | Papua Province | Papua Barat | Other Provinces    |
|------------------------|-------------------|-----------|----------------|-------------|--------------------|
|                        | Int'l staff       | Nat Staff |                |             |                    |
| WHO                    | 3                 | 7         | 9              | 2           | 10                 |
| UNICEF                 | 2                 | 7         | 12             | 2           | 3 (surge to Papua) |
| Other                  |                   |           |                |             |                    |

#### Polio response support

- WHO/UNICEF technical focal points
- WHO technical focal point
- UNICEF technical focal point
- Social Mobilization (UNICEF Partners)
- Supported by District Health Office
- Very difficult to be accessed due to security issue



Polio vaccination efforts continue across Papua and West Papua in health centres, schools at transit points, through household sweeping, in markets and for travellers Credit PHO Papua and West Papua



## 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 and provincial level help to coordinate activities and monitor the implementation of the polio outbreak response plan at local levels.
- A senior representative of the Minister of Health (Health Ministers Advisor) has been nominated to directly support Indonesia's polio outbreak response and will travel weekly to Papua to work through budgeting and operational issues.
- 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.
- A delegation from polio partners was in Papua through the week and met with senior PHO officials to review progress and discuss how to improve AFP surveillance sensitivity and rapidly increase the quality of supplementary immunization activities (SIA) especially in high land districts of the province.
- A joint WHO/UNICEF video conference between national and provincial teams from Papua and West Papua continues to be held each week.
- 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.

## Next Steps

- WHO Indonesia have invited all WHO field consultants supporting outbreak response efforts in Papua and West Papua to Jakarta on 30- 31 May. The purpose of this meeting is to review progress of work plan implementation and agree to priority activities that are needed to strengthen the outbreak response implementation.
- Following the Eid holiday, a review meeting is tentatively scheduled in Jayapura for the 17 June to review progress and plan for vaccination in unreached areas.

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Left: Round two school vaccination in SD YPPK Kogenepa, Pasir Putih HC work area, Paniai District, Papua Credit: Iman Hermansyah/ WHO Indonesia Right: RCA vakidation in Metnayam and Metbesa Village in Sorong West Papua - of the 54 children checked just one had missed the polio vaccination. Credit: Aning Isfandyari/WHO Indonesia