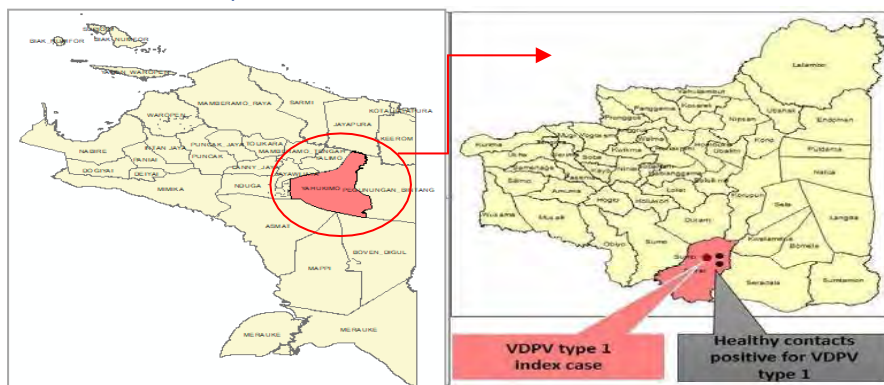


## Indonesia cVDPV1 Outbreak Situation Report #19

13 December 2019

For internal circulation only

cVDPV1 cases in Papua Province, Indonesia, 2018-2019



### Weekly Highlights

- No transmission of cVDPV1 since 303 days from the last case detected.
- No New VDPV case reported in this week-epi no 49.
- New polio outbreak response and sustainability plan phase 2 (November – May 2020) has been finalized and is in the process of approval.
- Annual review meeting of WHO polio consultants working in Papua, West Papua and other high risk provinces was conducted from 25-29 November 2019 in Jakarta. The meeting reviewed progress and planned activities specify to improve quality of routine immunization and AFP surveillance.
- Backlog fighting guidelines to vaccinate unvaccinated children for Papua and West Papua is in process of finalization. This guideline will facilitate strengthening of routine immunization services as a strategy to enhance population immunity and to prevent VDPV transmission.
- Health Advisory Group meeting was conducted by Papua PHO on 6 December 2019 inviting Port Health Office (KKP), Indonesian Epidemiologist Association (PAEI), Indonesian Pediatric Society (IDAI), Indonesian Medical Association (IDI), Indonesian Widwives Association (IBI), Dewan Adat Papua (DAP), Indonesian National Nurses Association (PPNI), Forum Kerukunan Umat Beragama (FKUB), PPK, GAPAI, and Journalist. The meeting concluded with key agreements and actions to achieve high quality of routine immunization and outbreak response management.
- The Indonesia Expert Review Committee (ERC) meeting was conducted on 13 December 2019 in Jakarta to review and finalize 70 AFP pending cases from all provinces including Papua and West Papua.
- Eleven (11) additional flights to reach 2,000 children in Yahukimo district, Papua were operated in the past two weeks, and PHO is awaiting for the report from local health staff. As of 10 December 2019, the coverage has reached 84,32%. Twenty (20) more landing sites are targeted to be reached by the end of December 2019.
- Surveillance and immunization activities have been intensified to protect against potential transmission from the Philippines and Malaysia, WHO re-allocated 2 national consultants to cover provinces which have border with the Philippines, namely North Sulawesi and North Maluku. One national consultant reallocated to South Sulawesi where frequent international ship/flights enter the region, the aim is to assist sub national government to improve routine immunization and AFP surveillance.
- Papua has achieved annualized Non Polio AFP rate of **6.51** and stool specimen adequacy at **54.7%** while in West Papua has an annualized Non Polio AFP rate of **7.44** and stool specimen adequacy at **52.4%**.

### Summary

New cVDPV1 case this week: 0  
Total number of cVDPV1 case: 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 Provinces  
Who: All children 0 to below 15 years  
Target: 1.26 Million Children  
Vaccine Type: bOPV

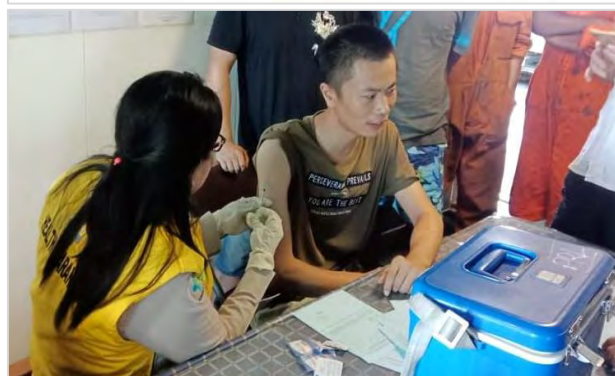
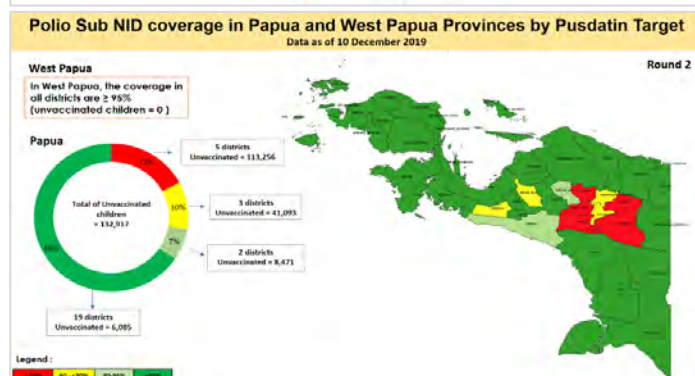
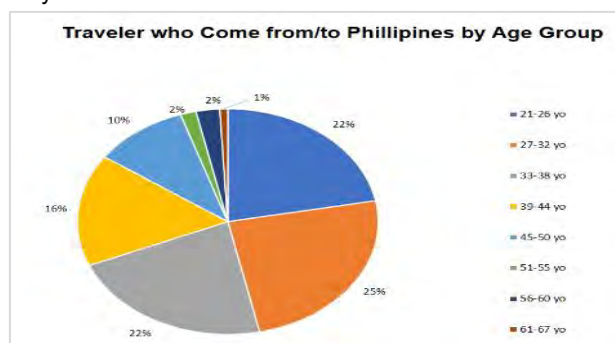
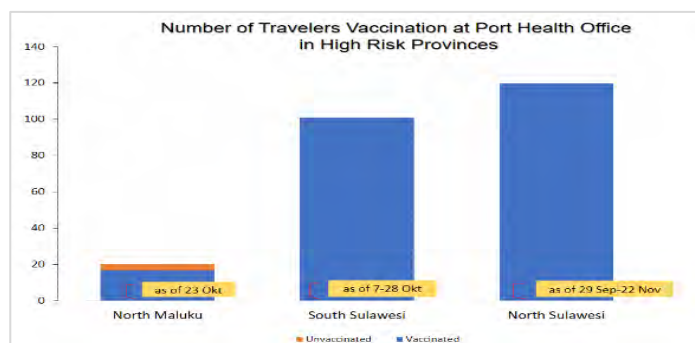
## Immunization Response

- 1<sup>st</sup> and 2<sup>nd</sup> round Polio sub NID has been completed in West Papua province. Both of coverage in **all 13 districts** have reported uniformly high coverage **≥100%**.
- 1<sup>st</sup> round 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%.
- 2<sup>nd</sup> round of Polio sub NID is being extended in inaccessible districts such as Nduga district. As of 10 December 2019, reported coverage in Papua is **86.40%** (using the Pusdatin or national projected target) while it is **94.29%** as per local target population. Based on the local target population estimate, **25 (16 in low land, 9 in high land)** of 29 districts have reached at least **80% coverage** and **22 of those 25 districts** have reached more than **95%**. The improvement observed, especially in Nduga, whose coverage has increased from **19.15% to 21.08%**.
- Special strategies are being implemented to reach the remaining 10% to 15% of targeted children, especially in the highland districts including conducting sweeping, intensifying political leadership, inter-ministerial coordination and collaboration.
- In collaboration with District Health Office, a refresher training for Puskesmas staff on vaccine management and microplanning development was facilitated in few districts (Pegunungan Bintang, Jayawijaya, Lanny Jaya and other districts).
- West Papua province conducted **58 RCAs** in 13 districts following the completion of round 2 vaccination. A total of 2,783 children aged 0-15 years were assessed and data showed that 97.7% of children assessed were found to be vaccinated. The main reasons for children missing vaccination in West Papua were traveling (parents) and children being sick.
- In Papua, total 123 RCAs were completed during 2<sup>nd</sup> round in 6 high-land districts and 11 low-land districts. A total of 6,320 children were assessed and 88.8% of them found to have been vaccinated. In Papua, the main reasons for unvaccinated children were traveling (children/caregiver), lack of information on the campaign, and sick children. In October and November 2019, an additional 28 RCAs using the new form were conducted in 8 districts in Papua such as 5 in Pegunungan Bintang, 4 each in Jayawijaya, Yalimo, Paniai and Dogiyai, 3 each in Lanny Jaya, Mamberamo Tengah and 1 in Puncak Jaya. The RCA Data showed that more than 52% of children were vaccinated at Health facilities (health center and Posyandu) and 33% at school; and 95% children who were assessed found to be vaccinated with Polio vaccine, though only 82% have received two doses of OPV during 1<sup>st</sup> and 2<sup>nd</sup> Polio Sub NID.

## Polio Preparedness in other highrisk Provinces (beyond Papua)

Indonesia has 2 provinces which have border with the Philippines: North Sulawesi and North Maluku. Also in South Sulawesi where frequent international ships enter the region. The anticipation activities related to potential transmission of cVDPV2 from the Philippines are:

- Monitoring for IPV vaccination was conducted in North Sulawesi, North Maluku and South Sulawesi provinces to travelers who come from/to Philippines. All of travelers are men and crew of ship. Two hundred and thirty eight travelers were vaccinated in these three provinces as data of 22 November.
- On job training of microplanning and data analyze of routine immunization coverage to immunization staff at health centers was conducted by Ternate city DHO.
- Coordination meeting with surveillance officer to discuss a plan of investigation and 60 days follow up of AFP cases was conducted by Ternate city DHO, North Maluku.
- Monitoring and coordination meeting with immunization and surveillance officer was conducted to discuss about IPV vaccine stock and AFP case reporting which sent to national level at North Maluku PHO.
- Environmental Surveillance (ES) collection from site in di Rappokalling sub district, Makassar city, South Sulawesi province by staff of Provincial Environmental Health and Disease Control Laboratory.

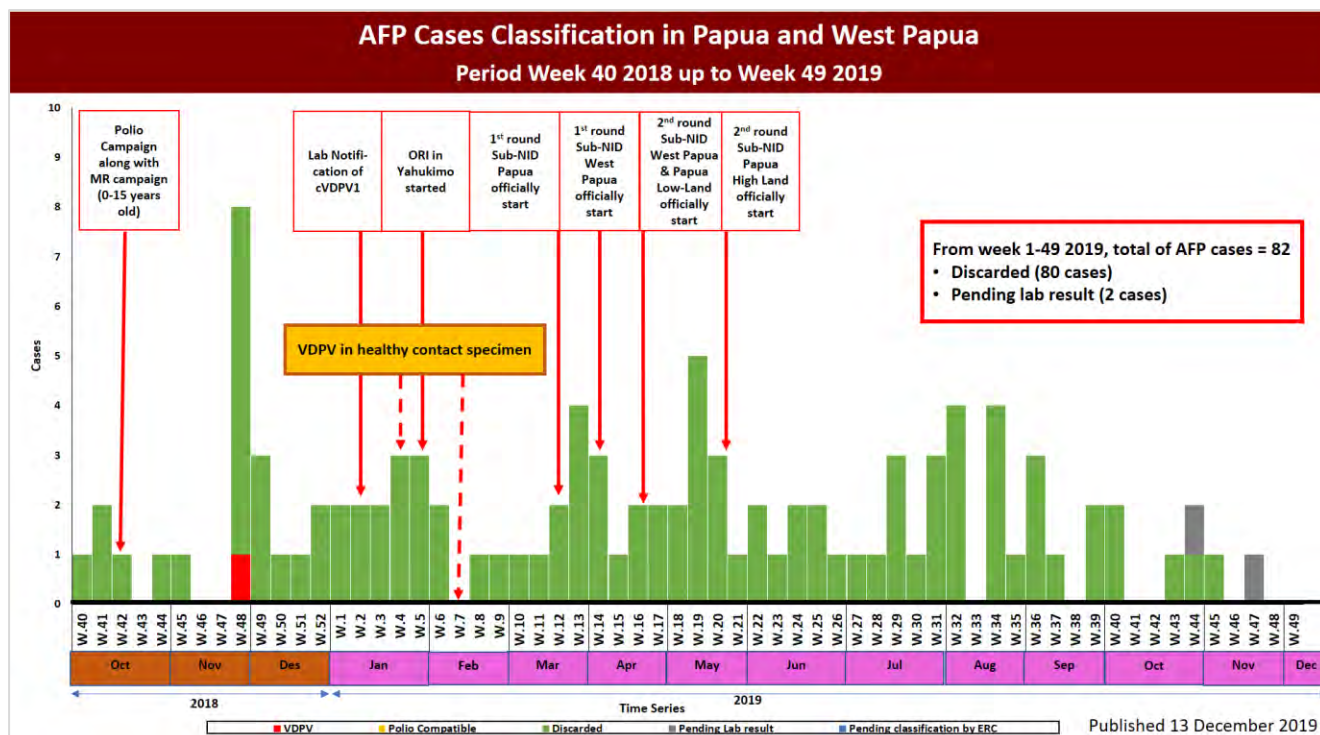


Left below : Eighteen districts in Papua and all districts (13) in West Papua province reach ≥95% of polio SNID coverage using Pusdatin target. Right below: Traveler vaccination was conducted at Makassar port health office, South Sulawesi province. Credit: Yurniati/ WHO Indonesia.



## Surveillance Summary

- In 2018, Indonesia's non-polio acute flaccid paralysis (NP AFP) rate is reported as **2.42** with a stool specimen adequacy rate of **78.4%**. Nine 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.
- As of week 49 2019, Indonesia annualized NP AFP rate is **1.84** with a stool specimen adequacy rate of **79.3%**.
- As of week 49 2019, Papua province has an annualized NP AFP rate of **6.51**, stool specimen adequacy at **55.6%** while West Papua has an annualized NP AFP rate of **7.44**, stool specimen adequacy at **52.4%**.
- The Indonesia Expert Review Committee (ERC) meeting was conducted on 13 December 2019 in Jakarta to review and finalize 70 AFP pending cases from Papua and West Papua.
- 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. An improvement to timely and adequate stool collection is a priority for both provinces.
- Hospital Record Reviews (HRR) in 12 high-risk provinces continues. Hospitals that have completed HRR 35/35 in Papua, 19/19 in West Papua is 19/19 and 35/64 in three provinces which have border with the Philippines: North Sulawesi and North Maluku.
- Environmental surveillance (ES) sampling in 2019, Papua province has collected 19 samples from 8 different sites in 3 districts, Kota Jayapura, Jayapura and Yahukimo. Results have tested negative for 17 samples and 2 are still pending. West Papua has collected 2 samples from Manokwari are still pending due to laboratory supplies.

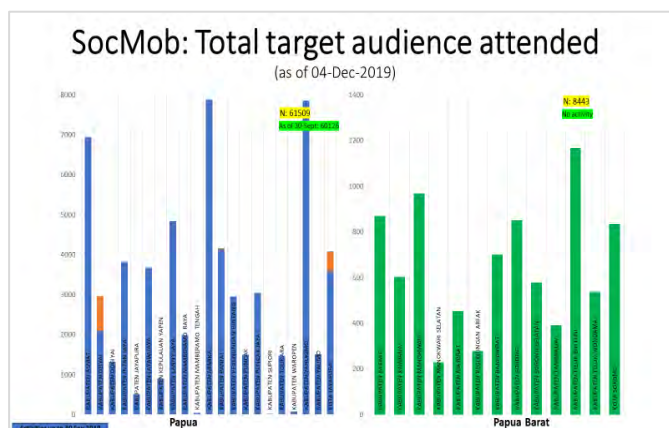
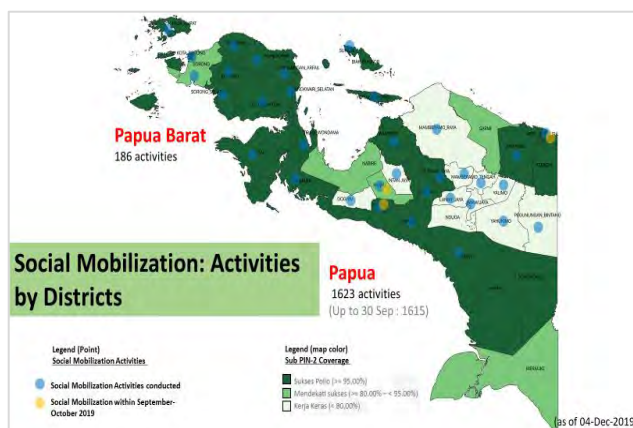


Left: The 2<sup>nd</sup> edition of VPD surveillance and routine immunization Bulletin for Papua has been published. Right: Environmental Surveillance collection in Makassar city, South Sulawesi province. Credit: Yurniati/WHO Indonesia.



## Communication and Social Mobilization

- As of 4 December 2019, a total of 1,623 and 186 Social Mobilization activities took place in Papua and West Papua respectively, which reached approximately 69,952 people with various socio-cultural background.
- The Papua Polio Free campaign activities were integrated with mass events such as: National Health's Day, Doctor's Day, National Fish's Day, World AIDS's day, National Mother's Day and various Festival event such as Numbay Creative festival, Genre Festival and Boy Scout Camp. The Polio Free campaign messages were also disseminated through interactive dialogues at RRI (Indonesian Radio channel) and TVRI (Indonesian Television channel) and journalists were sent to cover the socialization and sweeping activities in districts.
- Involvement of churches has been instrumental in mobilizing the communities in many of remote highland areas. Support from Babinkamtibmas (Police) and Babinsa (Army) has also helped; however, due to the current unstable security situation, their recent support has been more limited. Security warnings are also limiting the effectiveness of community mobilization.
- UNICEF supported District Health Offices in the development of local PSA Video to appreciate the commitment and supports from Head of District to reach 95% coverage.
- The district high level officials were involved as key resource persons during interactive dialogue on Polio Immunization in RRI (Indonesian Radio) at Jayawijaya, Pegunungan Bintang and Mamberamo Raya.
- On 16<sup>th</sup> November 2019, District Health Office in Yahukimo and development partners (including UNICEF) conducted leisure walk to promote Polio Free Campaign at Dekai on the National Health Day celebration.



Left and right above : Papua Free Polio campaign during National Mother's Day and National Fish's Day supported by Provincial PKK and Bhayangkari at Governor office. Credit: Halik Malik/UNICEF Indonesia. Left below: Bupati, Chief of Police and Chief of Army from Jayawijaya district joined the Snakes and ladders game about Polio. Credit: Ochi/UNICEF Indonesia. Right below: Refresher training were conducted for HC immunization staff at Jayawijaya districts. Credit: Minaliyah/Zaenal/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.
- Letter instructs IPV to be given to children 4-36 months who have missed IPV and how to record and report its coverage.
- DG issued instruction to ensure polio vaccination of traveler coming from Philippines regarding recent transmission of cVDPV1 and 2 in Philippines to all provinces on September 2019.

## WHO

- WHO has established a field office in Jayapura, Papua Province and recruited 10 national officers to support Papua and West Papua. These officers have been deployed to high risk districts to work directly with district health offices.
- Due to security issue in Papua and recent outbreak transmission from Philippines and Malaysia, WHO re-allocated national consultants to cover provinces which have border with the Philippines, namely North Sulawesi and North Maluku. One consultant reallocated to South Sulawesi where frequent international ships enter the region. Also, two national consultants have been re-allocated to Manokwari, West Papua and Merauke, Papua. the aim is to assist sub national government to improve routine immunization and AFP surveillance.
- Two additional data assistants have joined WHO's polio team, with one deployed to Jayapura and one to the Jakarta office to enhance data analysis and evidence-based decision making.

## UNICEF

UNICEF currently works through its established field offices in Jayapura (Papua) and Manokwari (West Papua) where 8 full time staff and 6 consultants support the response. Alongside this, 4 NGOs provided sustained support for technical assistance and social mobilization with a focus on high risk areas. Recently, two NGO partners in Papua (GAPAI and YP2KP) have recruited 22 field officers who have been deployed in 12 highland-districts in Papua. The field officers will be responsible on assisting the districts to reach 95% coverage, developing locally-appropriate social mobilization strategies, improving the effectiveness of vaccine and cold chain management, and conducting RCAs. A key area of focus for 2020 will be on strengthening routine immunization services.

## Other

- Rotary continues to provide T-shirts, caps, pins, books and other IEC materials to many district of Papua provinces.
- Red Cross Volunteers (RCV) have provided support for both outbreak response rounds in Jayapura as both vaccinators and mobilizers.
- CDC Indonesia office has strengthened their support for outbreak response operations through the Indonesia Epidemiologist Association (PAEI). Nine district focal points are now in place and have been actively supporting Hospital Record Reviews and Simple Readiness Assessments.



Left: Flights from Dekai to villages in Yahukimo for polio vaccination. Credit: Wahidin/UNICEF. Right: HC staff vaccinated children with uncomplete immunization status during Sustainable Outreach Service (SOS) activity in Ayamaru Utara, Maybrat district, West Papua province. Credit: Aning Isfandyari/WHO Indonesia.

## 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 appointed to directly support Indonesia's polio outbreak response and is travelling weekly to Jayapura, Papua to work through budgeting and operational issues.
- Work is ongoing to maximize the support of the Coordinating Ministry for Human Development and Cultural Affairs as well as the Ministry of Home Affairs who are actively working to ensure an all government response to the outbreak.
- The Public Health Emergency Operating Centre (PHEOC) housed at the PHO in Jayapura, has been established and is fully operational.
- A joint WHO/UNICEF video conference between national and provincial teams from Papua and West Papua continues to be held on weekly.
- Polio partners meeting, led by WHO, is conducted every 2 weeks. The recent one was the 30<sup>th</sup> meeting on 5 December 2019.
- Rotary International and IFRC/PMI continue to provide valuable support in mobilizing local communities working with local NGO and church groups to sensitize and build demand for polio vaccination.

## Next Steps

- WHO has extended all polio consultant's contract for a year till December 2020.
- WHO has decided to extend the agreement with courier for shipment of Polio Stool/ Environmental Samples for another 6 months starting from 1 January 2020 to 30 June 2020.
- Documentation of first phase response activity of Indonesia cVDPV1 outbreak has been finalized.
- MOH and PHO with the support of Partners will step up monitoring of the progress of Papua Round 2 coverage and AFP Surveillance indicators to ensure targets are met.
- Additional stool kits, AFP poster, and polio advocacy folders have been distributed to all districts in Papua/West Papua and also to all of the high risk provinces in Indonesia.
- Revision of AFP surveillance guideline is being finalized by MOH.

## For additional information please contact:

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Left : Expert Staff on Health Technology and Globalization (dr. Slamet) was on the way to Boeven Digoel district, Papua province to monitor polio SNID. Credit: Ferdi/Papua PHO. Right : Interactive dialog between pediatrician, staff PHO and Papua Advisory Group of polio vaccination was conducted at RRI Nabire district, Papua province. Credit : UNICEF Indonesia.