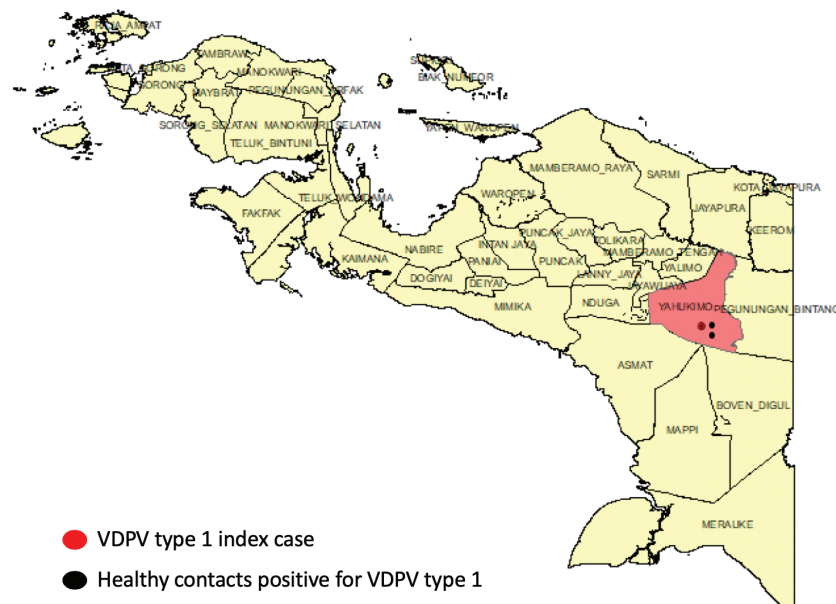


## Indonesia cVDPV1 Outbreak Situation Report #9

28 June 2019

For internal circulation only

cVDPV1 cases in Papua Province, Indonesia, 2018 - 2019



### Weekly Highlights

- No new cases reported this week - epi week 25
- 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 has been extended in Papua province to give the opportunity for districts to vaccinate and protect more children. Lessons learnt from the special operations being deployed in Yahukimo district, the epi-centre of the outbreak, have been shared with other high-risk districts with hard to reach populations. These districts attended a meeting in Jayapura on 21 June chaired by the Papua Provincial Health Office (PHO). The meeting has re-energized local health authorities who have signed a Declaration of Commitment to increase coverage and release local funds to support enhanced operations.
- To support these districts in the coming weeks, PHO, WHO, UNICEF and PAEI have developed a joint monitoring plan with senior consultants and staff identified and tasked to provide direct support to each district. A health centre analysis of Puskesmas with the largest numbers of unvaccinated children is being used to target this additional support most efficiently ensuring as well that functional cold chain equipment is in place.
- The Coordinating Ministry for Human Development and Cultural Affairs, met 27 June in Jakarta with the Ministry of Health, the Home Affairs Ministry, The President's Office, military and police representatives, WHO, UNICEF, ITAGI and other stakeholders to discuss progress towards implementing Indonesia's polio outbreak response. A number of important recommendations have been agreed which will help address remaining bottlenecks and widen support for quality operations.
- Five new AFP cases have been reported from Papua this week and one new case from West Papua. The total number of AFP cases officially reported from Papua in 2019 is 34 and 8 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, both Indonesian and foreign 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. In West Papua, more than 7000 travelers were vaccinated in May alone.
- Continuous border vaccination is taking place in 5 districts (Kota Jayapura, Keerom, Pegunungan Bintang, Boven Digul, Merauke) at official border crossings between Papua Province and Papua New Guinea.

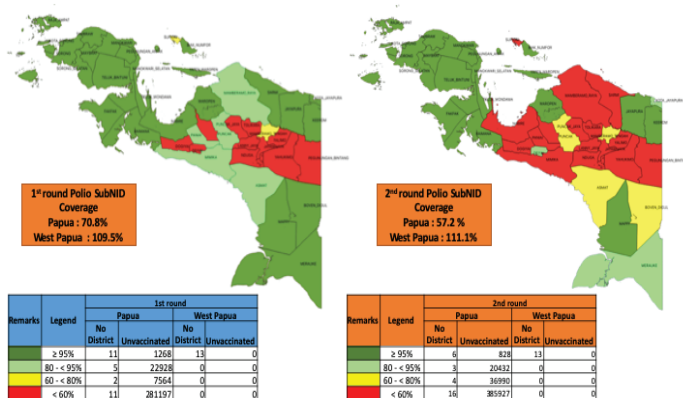
### Round 1

- The first polio sub-national polio response round, in Papua and West Papua targeting children 0 to below 15 years with a supplementary dose of bivalent oral polio vaccine (bOPV) was completed on 28 April. Final reports of children vaccinated in round 1 record that 1,004, 320 of the 1,262,880 targeted children in these provinces were 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%.
- To validate reported coverage and search for missed children, 190 rapid convenience assessments (RCA) were completed following implementation of round 1. In West Papua, a total of 48 RCAs were completed assessing a total of 2439 children across all subdistricts; coverage estimates were 95%. In Papua 142 RCAs were conducted across 19/29 districts assessing a total of 2558 children. Data indicates 91% overall – 90% in lowland areas and 93% in highland areas have been vaccinated.

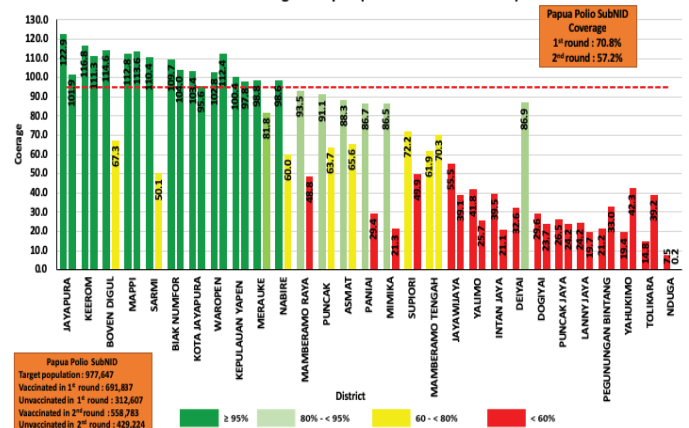
### Round 2

- West Papua: Round 2 of the polio sub-national outbreak response has been completed in West Papua. Reported coverage from West Papua is 111%
- Round 2 vaccination is being extended in Papua until the third week of July. Reported coverage in Papua as of June 27, is 58%. (Using the Pustadin or national projected target) Coverage using local target population estimates is 61%. While targets for the two projections are similar at provincial level, significant differences exist between population estimates at district level.
- Vaccination, within enhanced planning, logistic and transport support started in Yahukimo district 15 May 2019 and is continuing. Intensive planning and support for this district is paying off with a significant increase in the number of children reached with polio vaccine compared to round 1. As of June 27, coverage for the district using the Pustadin target is 42%. Using the locally submitted target it is 66%. Work is ongoing through this round to verify the most accurate target as possible.
- RCAs continue in both provinces in areas that have reported reaching their target for round 2. An updated analysis of the results of these assessments will be available next week.

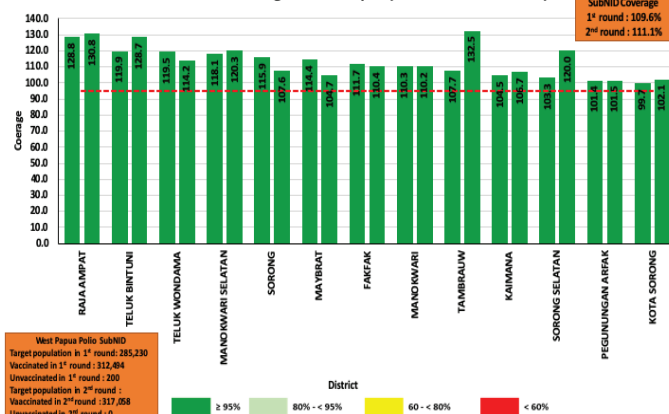
Sub NID Coverage in Papua and West Papua (1<sup>st</sup> Round vs 2<sup>nd</sup> Round)



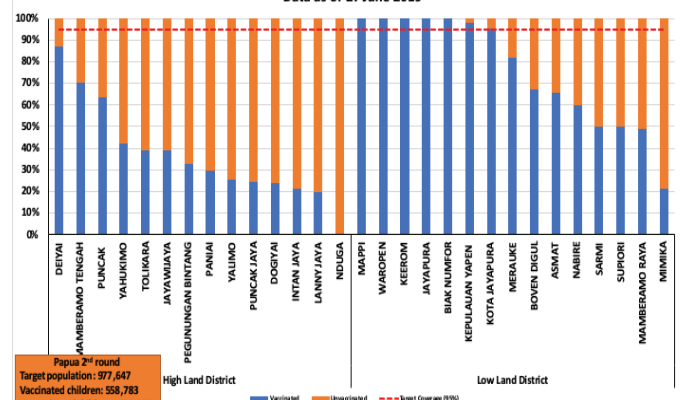
Sub NID Coverage in Papua (1<sup>st</sup> round and 2<sup>nd</sup> round)



Sub NID Coverage in West Papua (1<sup>st</sup> round and 2<sup>nd</sup> round)



Vaccinated and Unvaccinated Polio Sub-NID 2<sup>nd</sup> Round in Papua  
Data as of 27 June 2019



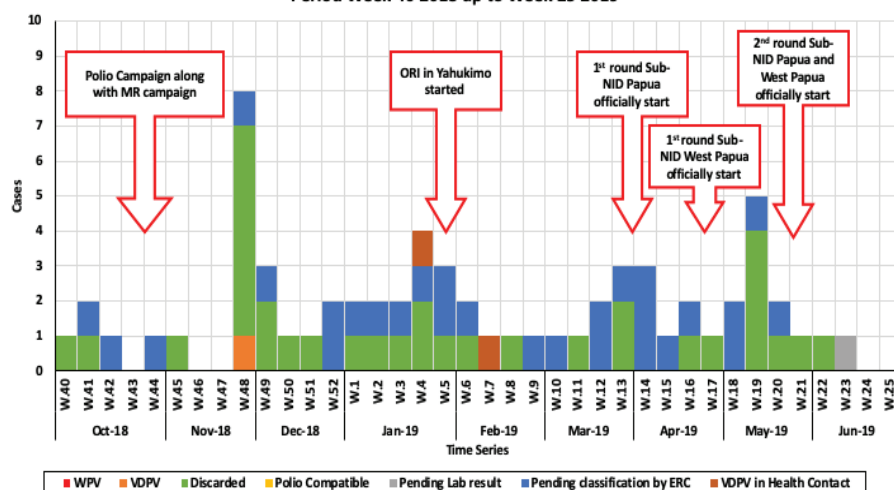


## Surveillance Summary

- In 2018, Indonesia's non-polio acute flaccid paralysis (NP AFP) rate is reported as 2.16 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. The ERC have planned to meet next on the 16 July 2019.
- As of week 25, 2019, Indonesia's NP AFP rate is 1.12 with a stool specimen adequacy rate of 81%.
- As of week 25, 2019, Papua province has a NP AFP rate of 3.40 with stool adequacy at 57%. West Papua has a NP AFP rate of 2.92 with stool adequacy at 50%.
- 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.
- Significant progress was made this week in establishing regular environmental surveillance (ES) collection in both Papua and West Papua. The first ES samples from West Papua from Manokwari District were and sent to the lab in Jakarta.
- Hospital Record Reviews (HRR) in 12 high-risk provinces continue. In Papua, 31/35 hospitals have been completed. In West Papua 12/18 hospitals have been completed. In Papua, a plan is in place to finish the last four hospitals in the coming weeks using the Papua branch of the Indonesian Epidemiological Association (PAEI). West Papua has a plan to complete reviews in hospitals in Fakfak, Kaimana and Raja Ampat in July.
- A series of refresher trainings for provincial and district surveillance focal points as well as hospital or puskesmas surveillance focal points in 12 high risk provinces is planned and a timeline has now been agreed with provinces. Trainings will take place from July – Oct. 2019.
- Shipments of AFP and ES samples by a shipping company contracted by WHO is continuing. With ES samples now being collected in West Papua the agreement has been amended to ensure all collected samples come under the agreement.



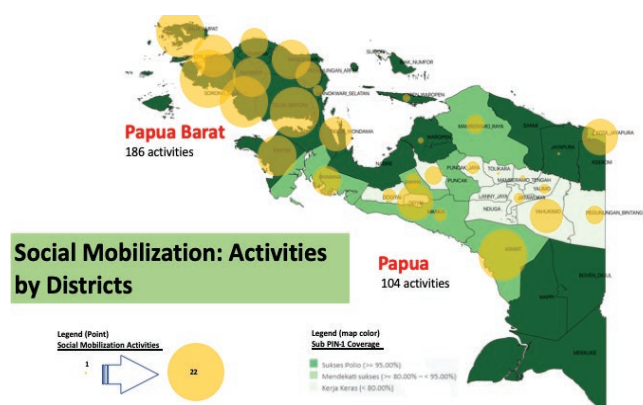
AFP Cases Classification in Papua and West Papua  
Period Week 40 2018 up to Week 25 2019



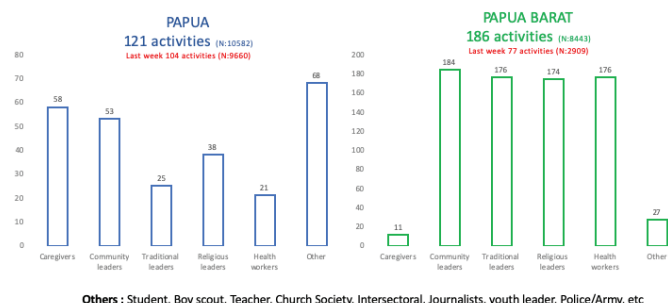
Top Left: DHO staff, Mr. Rian, collects ES sample from Wersi area, Manokwari District West Papua. Credit: Dr Musthofa Kamal/WHO Indonesia  
 Top right: Environmental samples are collected at a new site in Jayapura. Samples have been sent to Litbang Jakarta for processing under new WHO supported transport mechanism. Bottom Right: ES packed ready for shipment to Litbang Jakarta Credit: Mindo Nainggolan/WHO Indonesia

## Communication and Social Mobilization

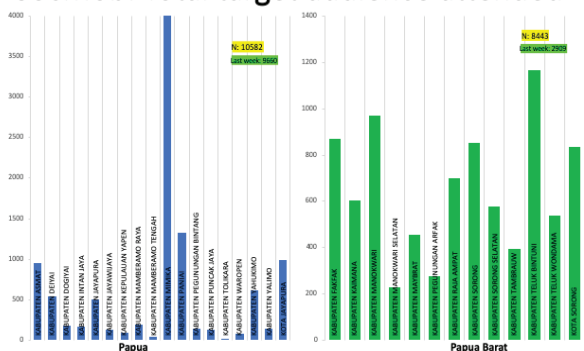
- A 3 day refresher training was organized by UNICEF on 19 - 20 June in Jayapura for field officers, programme coordinators and programme managers of 3 of UNICEF's implementing partners, including GAPAI (Gerakan Peduli Anak Sehat Indoensia), Wahana Visi Indonesia and YP2KP (Yayasan Pembangunan Pendidikan dan Kesehatan Papua). The implementing partners provide critical communication support to ensure high community participation and acceptance of polio outbreak response activities.
- A half-day review and preparatory meeting was also held in Jayapura with the Managers and Field Officers of GAPAI (one of the three NGOs) before re-deployment to their assigned districts. The meeting provided an opportunity to get field level information about the challenges faced and the opportunities available to strengthen Round 2 campaign in the 13 high risk districts where they are working alongside the District Health Office as implementing partners (Deiyai, Dogiyai, Intan Jaya, Jayawijaya, Kepulauan Yapen, Lanny Jaya, Memberamo Raya, Mimika, Pegunungan Bintang, Puncak, Puncak Jaya, Tolikara, Yalimo).
- In order to rapidly increase coverage in the coming weeks, GAPAI Field Officers decided to use the Health Centre data analysis on unimmunized children as a pointer to focus community engagement and social mobilisation in coordination with the DHO and other partners.
- A troubleshooting field guide including a Q & A to equip NGO partners and field workers in crisis communication was explained and handed over.



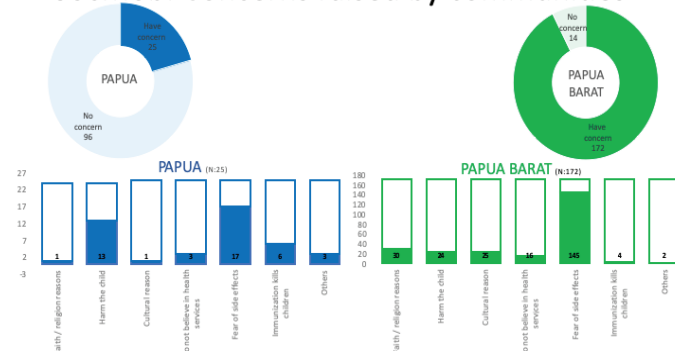
### SocMob: Target Audience



### SocMob: Total target audience attended



### SocMob: Concerns raised by communities



Above: Participants at the polio coordination meeting hosted by the Deputy for Coordination of Health Improvement, Pak Agus Suprpto and Assistant Deputy of Prevention and Disease Control, Ibu Meida Octarina of the Coordinating Ministry for Human Development and Cultural Affairs on 27 June in Jakarta. Representatives from several ministries including Ministry of Health, Ministry of Home Affairs as well as armed forces and police agreed on several critical actions to support Papua rapidly stop polio transmission as soon as possible.



## Ministry of Health

- ## WHO

- UNICEF

- Other

- | Partner support June 13 | At national level |           | Papua Province | Papua Barat | Other Provinces    |
|-------------------------|-------------------|-----------|----------------|-------------|--------------------|
|                         | Int'l staff       | Nat Staff |                |             |                    |
| WHO                     | 4                 | 7         | 8              | 2           | 10                 |
| UNICEF                  | 4                 | 7         | 12             | 2           | 3 (surge to Papua) |
| Other (CDC, PAEI)       | 2                 |           | 9              |             |                    |



## 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 is travelling weekly to Jayapura, Papua to work through budgeting and operational issues.
- Strong cross-ministerial support has been bolstered this week under the leadership of the Coordinating Ministry for Human Development and Cultural Affairs, Home Affairs and the President's Office. A joint delegation plans to visit Papua in the coming week to work and support local authorities.
- The Papuan Emergency Operating Centre, housed at the PHO in Jayapura, is currently being expanded with offices re-furnished and equipped with support from WHO. The EOC will launch as soon as work is completed.
- A joint WHO/UNICEF video conference between national and provincial teams from Papua and West Papua continues to be held.
- 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

- In coordination with MoH and Papua PHO, polio partners WHO, UNICEF and PAEI have finalized a plan to provide additional human resource and monitoring support to the 17 high-risk district of Papua through July.
- PHO with the support of UNICEF, WHO and PAEI are organizing a briefing among the technical teams in Jayapura on July 1 to ensure the support to districts is coordinated and teams understand the joint reporting tools and additional responsibilities to accelerate coverage in 17 high risk districts.

## For additional information please contact:

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Left: Polio vaccination continues in Lanny Jaya Papua province. Credit: Yurniati/ WHO Indonesia Centre and right: Polio vaccination is continuing in areas yet to reach second round targets including Paniai, Papua province Credit: Hermansyah/WHO Indonesia