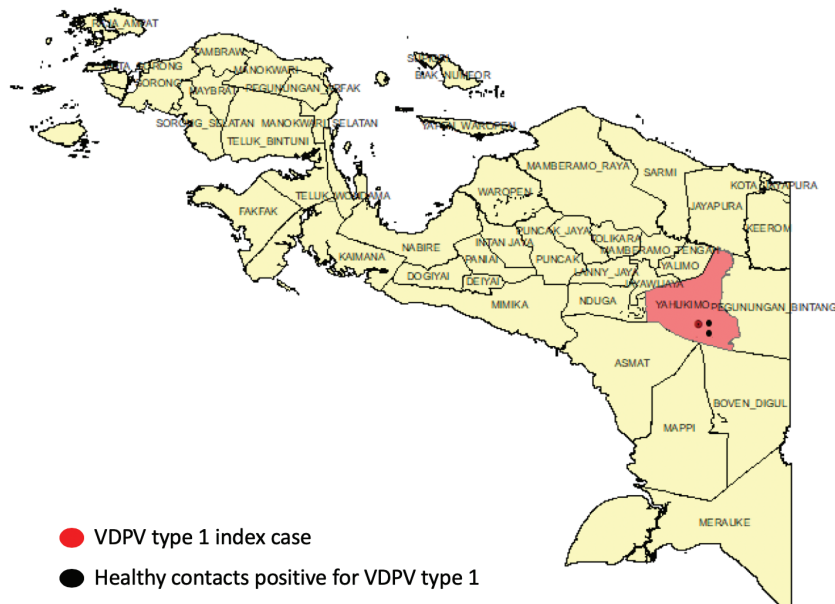


Indonesia cVDPV1 Outbreak Situation Report #10

5 July 2019

For internal circulation only

cVDPV1 cases in Papua Province, Indonesia, 2018 - 2019



Weekly Highlights

- No new cases reported this week - epi week 26
- 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 is continuing in Papua province to give the opportunity for districts to boost vaccination coverage and protect more children. To help these districts in the coming weeks, PHO, WHO, UNICEF and PAEI have developed a joint support plan with senior consultants and staff identified and tasked to provide direct assistance to each district.
- Surge team members met in Jayapura on 1 July at the Papua Provincial Health Office to ensure common understanding of roles and responsibilities and reporting expectations. A Puskesmas analysis and dashboard detailing distinct challenges for each district has been produced and shared with team members. Teams have already travelled or are on their way to their designated district to begin work.
- MoH, WHO and UNICEF are busy preparing for the 10th meeting of the WHO South East Asia Regional ITAG in Delhi next week, where Indonesia's progress in stopping polio transmission in Papua will be discussed by regional experts.
- No new AFP cases have been officially reported this week from Papua or West Papua. The total number of AFP cases officially reported from Papua in 2019 remain 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. Vaccination is taking place at 5 transit points, including airports and main shipping ports in Papua province. West Papua Port Authority has also started transit vaccination at seaports, airports and malls in a number of districts including Sorong and Manukwari.
- 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.

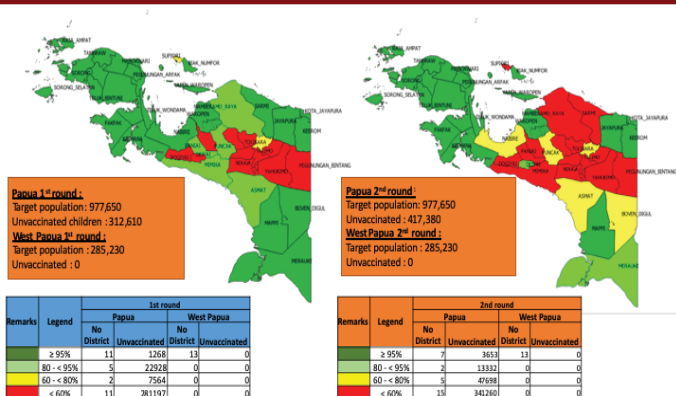
Round 1

- 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, 194 rapid convenience assessments (RCA) have been completed following implementation of round 1. In West Papua, a total of 48 RCAs assessing a total of 2439 children across all districts were completed; coverage estimates were 95%. In Papua 146 RCAs were conducted across 19/29 districts assessing a total of 7,290 children. Data indicates 91% overall – 90% in lowland areas and 93% in highland areas have been vaccinated.

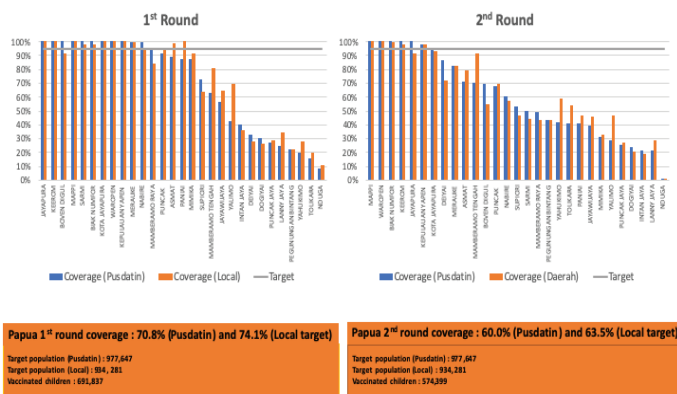
Round 2

- 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 July 2, is 60%. (Using the Pustadin or national projected target) Coverage using local target population estimates is 64%. While targets for the two projections are similar at provincial level, significant differences exist between population estimates at district level.
- Vaccination, with enhanced planning, logistic, transport and communication 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 July 2, coverage for the district using the Pustadin target is 42%. Using the locally submitted target it is 66%. Helicopter transport from Wamena to reach unreached children continue. Weather conditions, logistical (helicopter) challenges impede completion. Land based vaccinations from Dekai and neighboring villages have been declared complete, however local mop-up operations are ongoing.
- West Papua has conducted a total of 36 RCAs in 9 of 13 districts following completion of round 2 vaccination. In total, 1862 children 0-15 years have been assessed. Four RCAs have been conducted in each of the nine districts that have submitted data. Additional RCA results are currently being sent from other districts and will be included in analysis next week. Data indicates 98% of children were vaccinated. Main reasons for children being missed in West Papua were travel or sick children.
- In Papua, 12 RCA have been completed in three high-land districts – Paniai, Deiyai and Pegunungan Bintang. A total of 698 children have been assessed. Data indicates 91% of children assessed were vaccinated. In Papua, main reasons reported why children were missed include, parents working during the day, travelling or did not know about campaign.

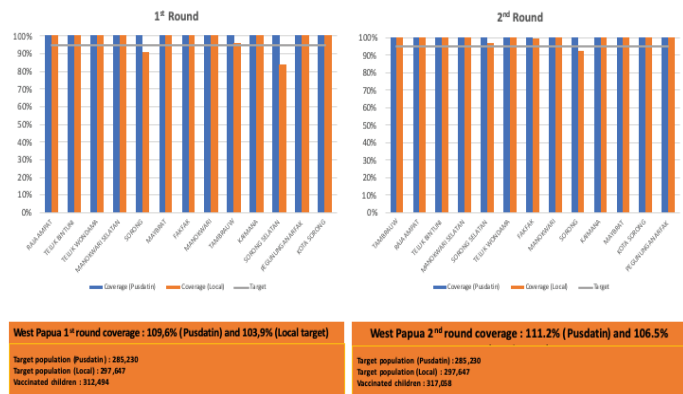
Maps Polio Sub NID coverage in Papua and West Papua (1st and 2nd Round)
Data as of 2 July 2019



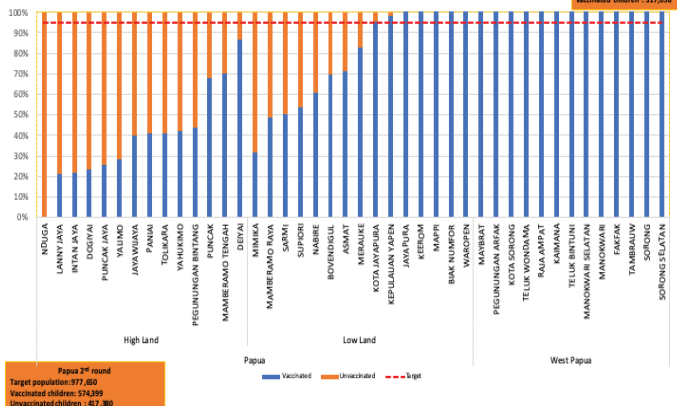
The Coverage of Polio Sub NID in Papua (1st and 2nd round) by Pusdatin and Local Target
Data as 2 July 2019



The Coverage of Polio Sub NID in West Papua (1st and 2nd round) by Pusdatin and Local Target
Data as 18 June 2019

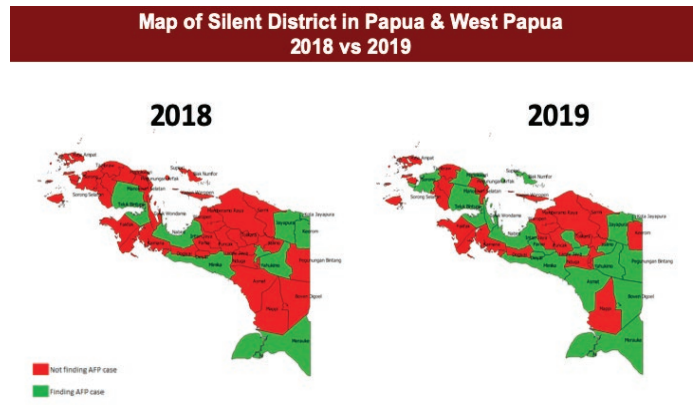
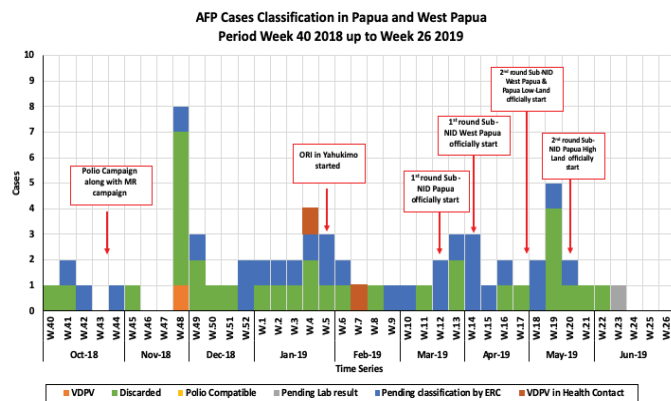


Unvaccinated Children in Polio Sub-NID 2nd Round in Papua and West Papua
Data as 2 July 2019



Surveillance Summary

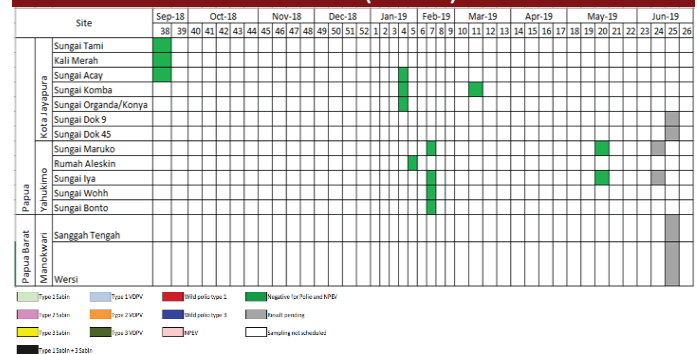
- In 2018, Indonesia's non-polio acute flaccid paralysis (NP AFP) rate is reported as 2.18 with a stool specimen adequacy rate of 78%. 13 provinces of 34 met both key indicators for AFP surveillance: >2 or more non-polio AFP cases per 100,000 children below 15 years of age and >80 percent or above AFP cases with adequate specimens.
- 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 amended their plans and will meet next on the 23 July 2019.
- As of week 26, 2019, Indonesia's NP AFP rate is 1.16 with a stool specimen adequacy rate of 81%.
- As of week 26, 2019, Papua province has a NP AFP rate of 3.27 with stool adequacy at 55%. West Papua has a NP AFP rate of 2.80 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.
- Environmental surveillance sampling has now been established in both provinces in the outbreak zone. In 2019, 2 samples from 2 newly established sites have been taken from Manukwari District in West Papua. Samples have arrived at the Jakarta national laboratory. Results are pending. In 2019, Papua province has collected 16 samples from 8 different sites in 3 districts, Kota Jayapura, Jayapura and Yahukimo. Results have tested negative for 12 samples. Four samples are pending.
- Hospital Record Reviews (HRR) in 12 high-risk provinces continue. In Papua, 33/35 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.



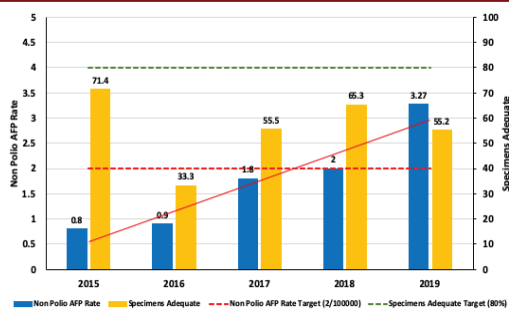
HRR Summary

| Province | Hospitals | HRR conducted | HRR to be done | No of cases identified |
|--------------|-----------|---------------|----------------|------------------------|
| Papua | 35 | 33 | 2 | 25 |
| West Papua | 18 | 12 | 6 | 4 |
| Total | 53 | 45 | 8 | 29 |

Environmental Surveillance in Papua & West Papua

2018 – 2019 (Week 26)


AFP Surveillance Performance

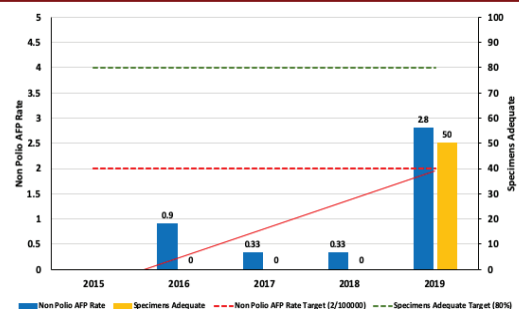
Papua, 2015 - 2019


Indikator Surveilans AFP:

- Non Polio AFP minimal 2 per 100000 penduduk usia <15 tahun
- Persentase Spesimen Adekuat minimal 80%

Published 01 July 2019

AFP Surveillance Performance

West Papua, 2015 - 2019


Indikator Surveilans AFP:

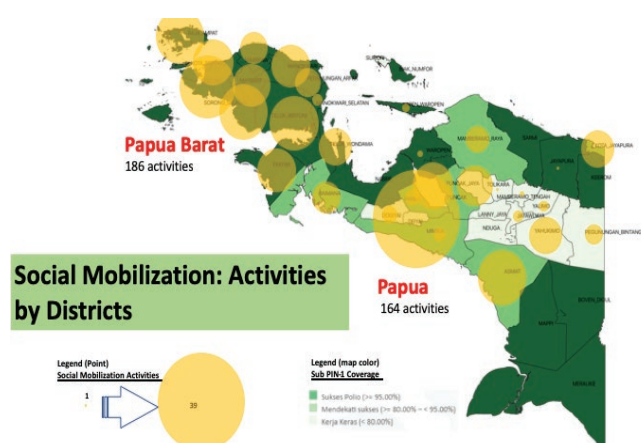
- Non Polio AFP minimal 2 per 100000 penduduk usia <15 tahun
- Persentase Spesimen Adekuat minimal 80%

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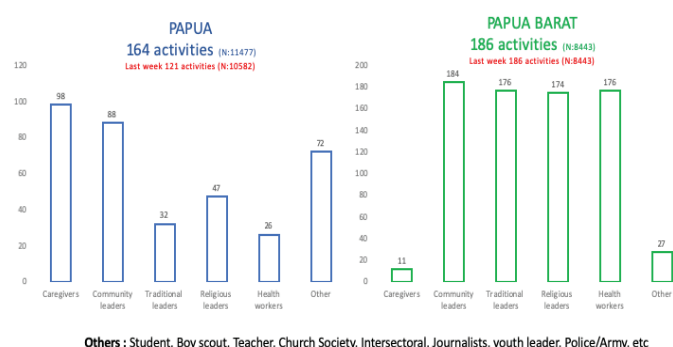
Bottom Left and Right - both provinces within Indonesia's outbreak zone are increasing surveillance sensitivity with Papua province reaching a target above 3/100 000 children as expected for areas with an active polio outbreak. The number of AFP cases in West Papua in 2019 has increased markedly to previous years. Both provinces are working to improve stool adequacy rates to ensure any chance to detect poliovirus is taken.

Communication and Social Mobilization

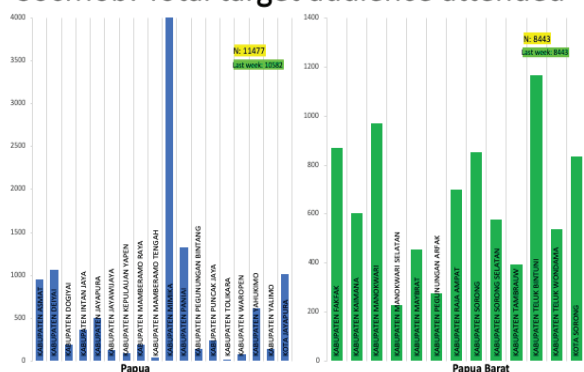
- Communication activities conducted in support of polio outbreak response activities continue to be adapted and refined according to district data and feedback. Focus is moving towards strengthening community engagement and social mobilization through local participatory activities in addition to the awareness raising about polio and the importance of polio drops. A series of meetings with implementing partners in the last weeks have led to agreement that implementers should refocus their strategies using the data on missed children made available by the PHO and GPEI partners. For e.g. WVI is refocusing its community dialogues and church related mobilization activities in Lanny Jaya and Jayawijaya districts to focus on accessible areas with large numbers of unvaccinated children.
- Wherever the health centre/puskesmas staff have been available, WVI has linked its 18 social mobilization activities held so far for R2 to church gatherings and 'posyandu' or health outreach efforts into the communities. This has enabled a higher turnout of community members during the outreach and boosts acceptance of polio vaccinations that are often timed with these mobilization activities.
- GAPAI, another local implementing partner has undertaken a more granular mapping of churches and existing community gathering opportunities to optimize them for group discussions and dialogues. These opportunities are providing catchment areas for on-the-spot vaccination in coordination with health services and local leaders.



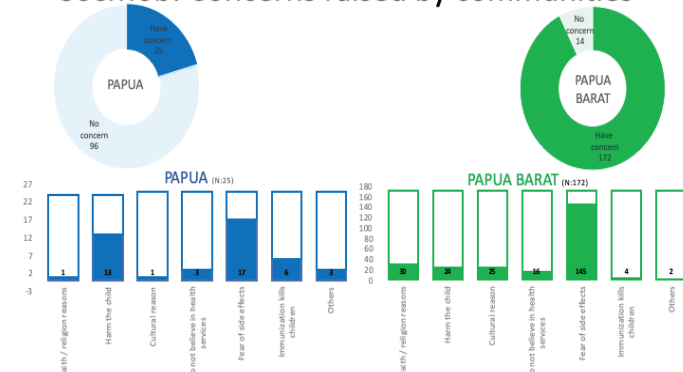
SocMob: Target Audience



SocMob: Total target audience attended



SocMob: Concerns raised by communities



Above Left: Social Mobilization and sensitization at a local church in Pegunungan Bintang Credit: Gede Bayu Eka Putra Wibowo/WHO Indonesia
Right: Pak Aaron, Papua Province CDC Manager leads partners in a review of campaign data and progress Credit: Papua PHO

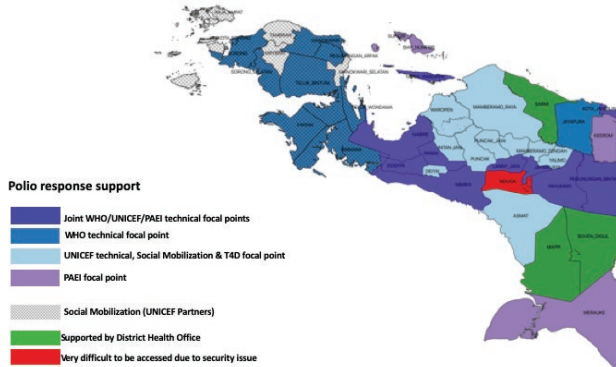
Surge Support

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.
- As immunization activities are still continuing the formal review for Papua has been postponed until late July.

WHO

- WHO have established a field office in 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.
- Two international consultants are currently assisting with data, information analysis and communication coordination/management.



- 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.

- WHO is redeploying two of its polio consultants from West Papua to Papua province through July to support two high risk districts boost round 2 vaccination coverage. A team of senior national staff will also travel to Papua through July to help support districts accelerate their coverage.

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 are currently supporting the Indonesia CO for a three-month deployment. Both consultants will be in Papua province next week to follow up on enhanced coordination and monitoring activities for high risk districts.

Other

- 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 Indonesian Epidemiologist Association (PAEI). District focal points are now in place and have been actively supporting Hospital Record Reviews and Simple Readiness Assessments. Assessments in nine districts and 37 health centres found just over 50% of health centres had available micro-plans and only 57% had a scheduled plan for supervision. PAEI is following up with districts to ensure issues are addressed. Two CDC international consultants are currently in Jakarta supporting operations.



Additional technical support is arriving in high-risk districts this week to boost coverage in these areas. The teams will work with local District Health Office and Health Centres to reduce the numbers of missed children and address bottlenecks at local levels.
Credit: Hermansayah/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 nominated to directly support Indonesia's polio outbreak response and is travelling weekly to Jayapura, Papua to work through budgeting and operational issues.
- Following last week's meeting facilitated by the Coordinating Ministry for Human Development and Cultural Affairs, a joint delegation plans to visit Papua in the coming weeks 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. Work is scheduled to be completed this week.
- 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

- To support high-risk districts in Papua improve 2nd round polio vaccination coverage a team of coordinated staff have been deployed to designated districts and will provide daily reports to provincial managers on progress in reducing numbers of missed children.
- Teams from MoH, WHO and UNICEF will travel next week to Delhi to brief regional experts on progress towards interrupting polio transmission in Indonesia at the Tenth meeting of WHO South-East Asia Regional Immunization Technical Advisory Group (SEAR-ITAG) scheduled from 9 to 12 July 2019.

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Right: District health and local government leaders come together to plan the days activities in Lanny Jaya district, Papua province. Credit: Yurniati /WHO Indonesia Work to renovate and fit out the Papua province Emergency Operating Centre is underway and should be finished next week, Credit: Papua PHO