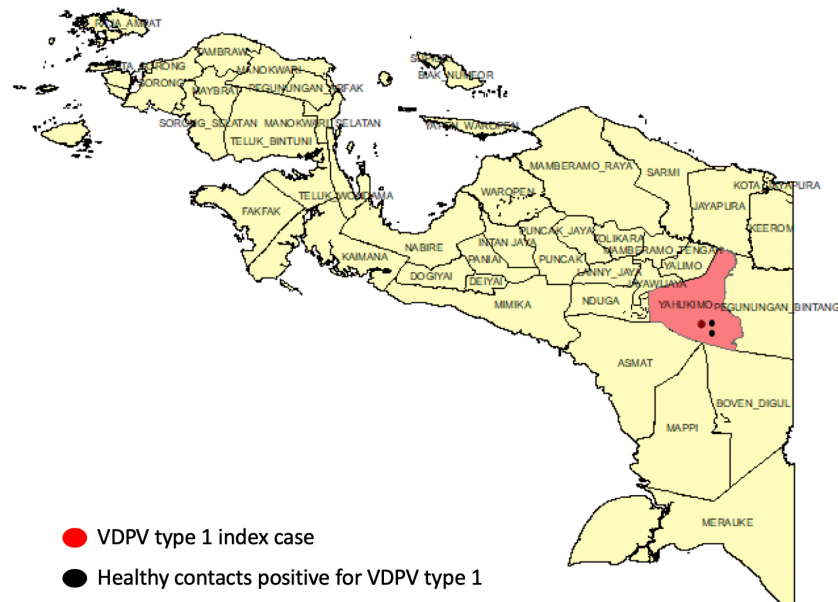


Indonesia cVDPV1 Outbreak Situation Report #4

10 May 2019

For internal circulation only

cVDPV1 cases in Papua Province, Indonesia, 2018 - 2019



Weekly Highlights

- No new cases reported this week - epi week 18
- 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 immunization response round is ongoing in all districts of West Papua and in 9 of 12 low-land districts of Papua province. Round 2 started in these areas on the 29 April. Efforts are ongoing to strengthen reporting from districts and ensure implementation is completed as soon as possible. Seventeen, high-risk districts mostly in the high-land areas of Papua, including Yahukimo District, are scheduled to start round 2 on May 13 if funding and logistics are in place.
- Enhanced planning and budgeting for the 17 high-risk districts has continued this week. Significant additional funding will be needed to charter helicopters, planes and speed boats for these areas. Internal discussions are underway within the Ministry regarding execution and external resource requirements.
- A special operation in Yahukimo district will commence Monday with funding, logistics and senior staff in place ready to deliver bOPV to 47 landing strips in the district via planes and chartered helicopters.
- The Director General Communicable Disease along with senior representatives of the immunization and surveillance directorates will travel again to Papua next week to assist the provincial health office (PHO) coordinate, implement and monitor the round. A number of partners are also travelling to Papua and West Papua to assist with scheduled activities.
- One new AFP case from West Papua has been officially reported this week – the total number officially reported from Papua in 2019 remains 17 and in W. Papua, 3.

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

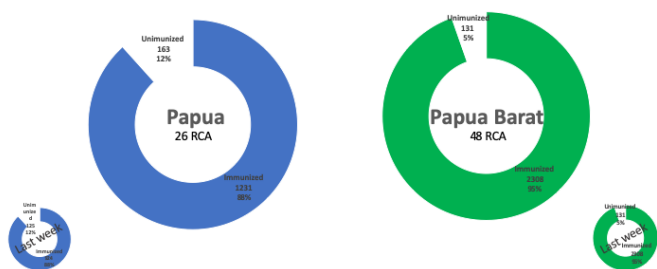
Immunization Response

- 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 1000 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 with official border crossings between Papua Province and Papua New Guinea.

Round 1

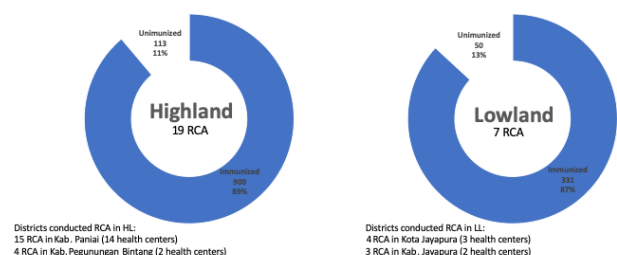
- The first polio sub-national polio response round, targeting children 0 to below 15 years with a supplementary dose of bivalent oral polio vaccine (bOPV) has been completed on 28 April. In total, 970,346 of the 1,262,880 targeted children in both provinces have been reported vaccinated.
- In West Papua 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 five reached more than 80% coverage. Thirteen districts have coverage reported at less than 80%, including Yahukimo District with coverage now reported at 24%.
- Approx 320,000 children 0-15 years were missed during round 1. Almost all of these children live in very hard to reach districts of the highlands in Papua province. (see below)
- As of 9 May, 74 Rapid Convenient Assessments (RCA) have been conducted. RCAs help to evaluate local immunization coverage. More than 3500 children in Papua and West Papua have been checked through the surveys. RCA results found 12% of children checked in Papua were missed during round 1. In West Papua 5% of children sampled were missed. Although RCA were conducted in 12/13 districts in West Papua. RCA have only been conducted in 4/29 districts in Papua.

RCA: Observation to Sub-PIN target houses

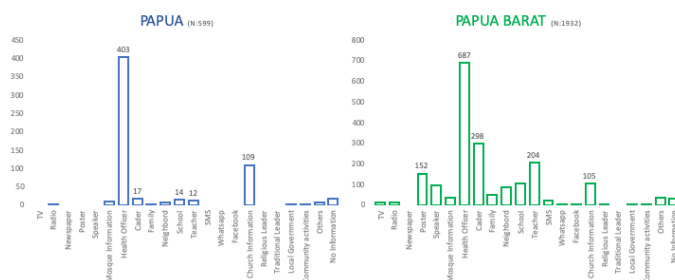


RCA: Observation to Sub-PIN target houses in PAPUA

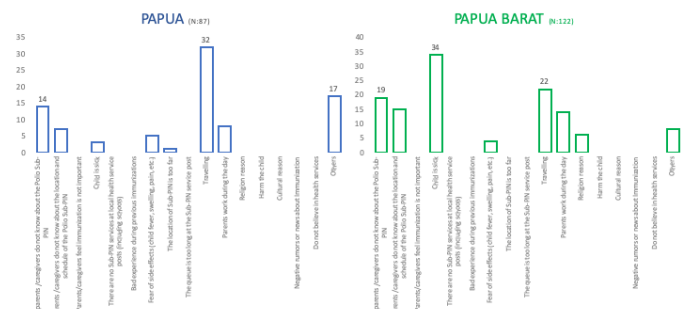
PROV Highland vs Lowland



RCA: Sources of Information

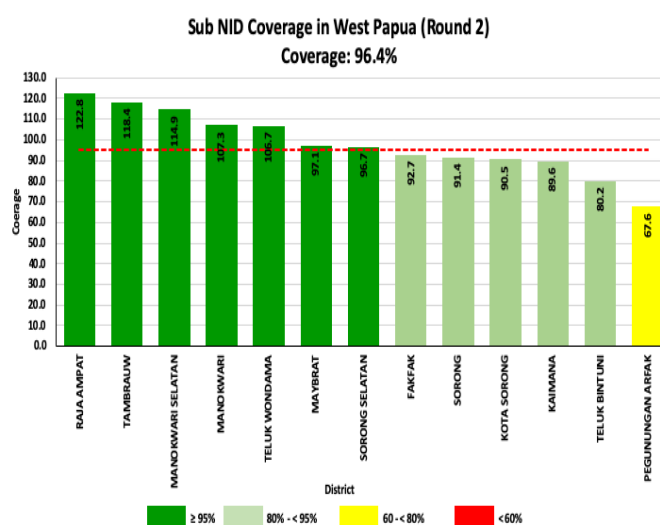
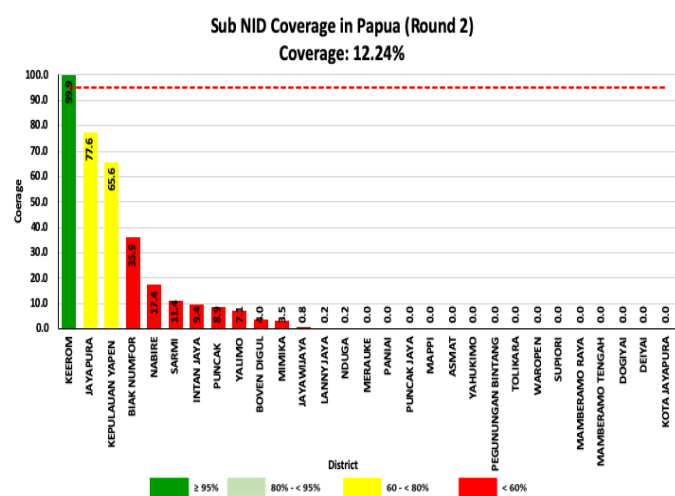


RCA: Reasons for children not to be immunized



Round 2

- Round 2 of the polio sub-national outbreak response has begun in all districts of West Papua and in 9 of the 12 low land districts of Papua province. As of May 9, reported coverage from W Papua is 90% and in Papua it is 9%. Regular district reporting of coverage from Papua remains challenging.
- Work is ongoing to support districts implement the round as soon as possible. Support teams from the PHO, WHO and UNICEF are travelling to districts, sometimes driving more than 12 hours each way through remote jungle or staying overnight at village level to monitor and help district teams address local challenges.
- Planning and budgeting for enhanced operational approaches for the 17 high-land districts of Papua was finalized this week. There are significant budget implications for the new plans which require either helicopter, plane or speed boat to be chartered to deliver the vaccine, supporting logistics and health staff needed to reach these children.
- Special attention has been given to supporting Yahukimo District and UNICEF have worked closely with the MoH and PHO to identify 47 landing sites in the district which can be used to deliver vaccine and gather communities. A team has been in the district all week ensuring readiness for the start of this special strategy on Monday.



Data valid as of 10 May



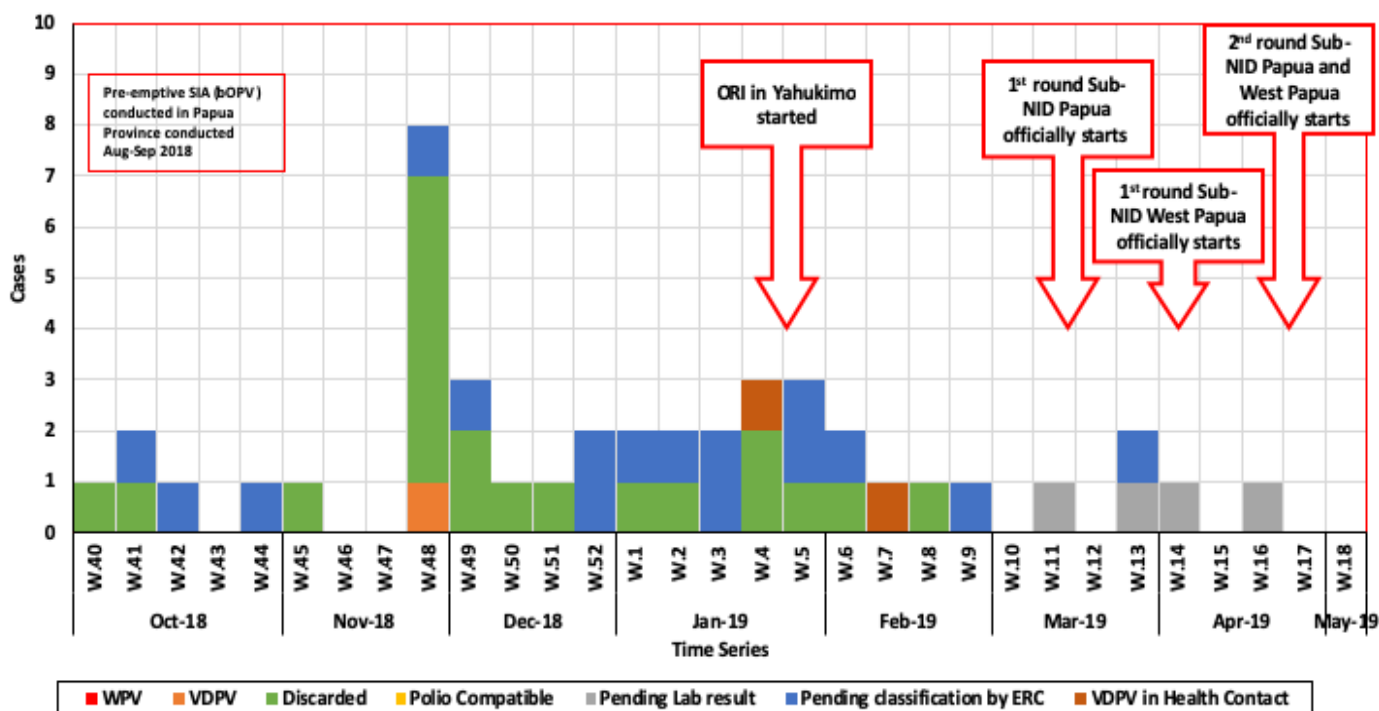
Left: School children in West Papua receive a second dose of polio vaccine. Credit: Aning Isfandyari/WHO Indonesia Right: District staff from DHO Paniai monitor coverage through RCA in Papua Province Credit: Marten Yatipai/Ministry of Health Indonesia



Surveillance Summary

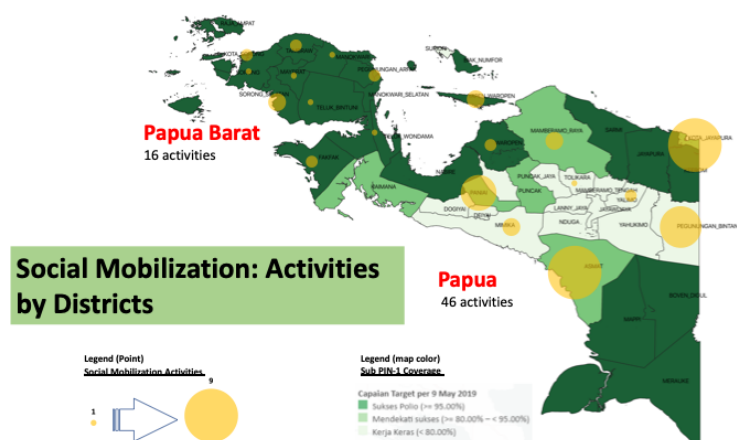
- In 2018, Indonesia's non-polio AFP rate was 2.14 with a stool specimen adequacy rate of 79%. 13 provinces of 34 met both key indicators for AFP surveillance: >2 or more non-polio AFP cases per 100,000 children below 15 years of age and >80 percent or above AFP cases with adequate specimens.
- Nationally, one hundred and forty-three AFP cases reported in 2018, which tested lab negative for poliovirus, are pending final classification by Indonesia's Expert Review Committee.
- In 2018, Papua province had a NP AFP rate of 2 with stool collection at 65%. West Papua province had a NP AFP rate of 0.3 with stool collection at 0%.
- Surveillance sensitivity continues to improve in these provinces in 2019. One AFP case has been officially reported this week from West Papua and specimens have been sent to the lab in Surabaya. A number of additional cases from both provinces have been provisionally reported and should be included in official data next week.
- Lab results for 4 AFP cases reported from Papua and West Papua are currently awaited.
- Environmental surveillance sampling from Jayapura and Yahukimo districts will next take place on 15 May. The MoH is 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 7 of the 12 high risk provinces, including Papua and West Papua. 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. Plans to conduct reviews in the 5 remaining provinces targeted for HRR have been finalized this week.
- New AFP posters promoting the timely reporting and investigation of AFP have been printed and are currently being shipped to all districts of Papua and West Papua.
- Weekly reporting from hospitals and health centres in both Papua and West Papua remains low.

AFP Cases Classification in Papua and West Papua
Period Week 40 2018 up to Week 18 2019



Communication and Social Mobilization

- Social mobilization activities were initiated in all districts during round 1.
- Mobile applications have been developed to assist with real-time mapping and monitoring community activation-efforts. In Papua, 46 outreach events have been uploaded from at least 10 districts reaching 5161 influencers including caregivers, community/traditional leaders, religious leaders and health workers. In West Papua, at least 16 key events in 10 districts reaching 814 influencers have been documented.



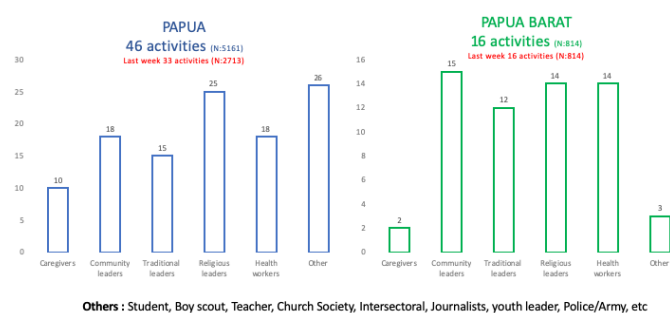
- Data from RCAs have noted little evidence of vaccine hesitancy as a reason for children not being vaccinated.

- A low-literacy pictorial community discussion guide has been rapidly developed and pretested, printed and distributed widely through community social mobilizers, religious and traditional leaders to aid in raising awareness of polio, AFP, benefits of immunization, and importance of accepting bOPV each time it is offered.

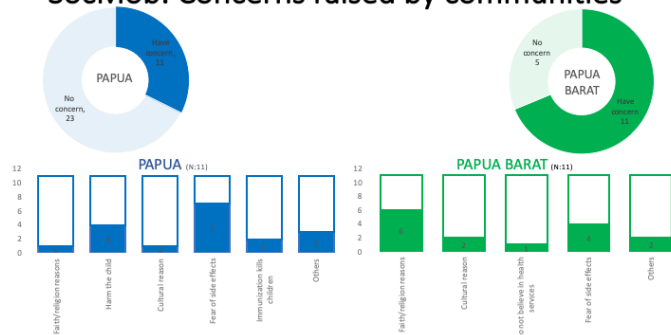
- Additional IEC and media materials have been developed including radio jingles, video PSAs, and key messages for distribution on air, on social media, and to be played during community gatherings. These will be aired to support round 2 activities.

- 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 under-vaccinated children and other local community social structures that can be utilized to reach more children.
- 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, the military as well as village-based civic and traditional leadership structures.
- Six 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.

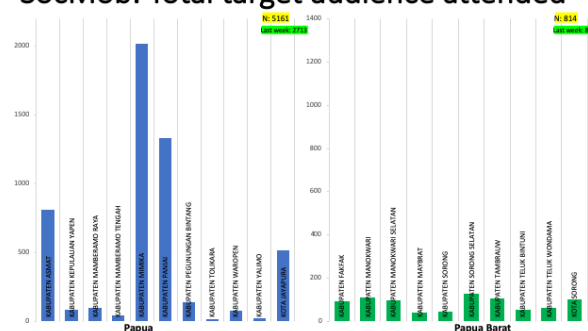
SocMob: Target Audience



SocMob: Concerns raised by communities



SocMob: Total target audience attended



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.
- Director General Communicable Disease is leading a senior team to Papua next week to open the provincial polio emergency operating centre and monitor implementation of round 2 of polio vaccination efforts.
- A team of senior immunization staff, both technical and administrative, have been identified to travel to Papua and West Papua at the end of the month. The teams will review performance with districts to strengthen their programmes.

WHO

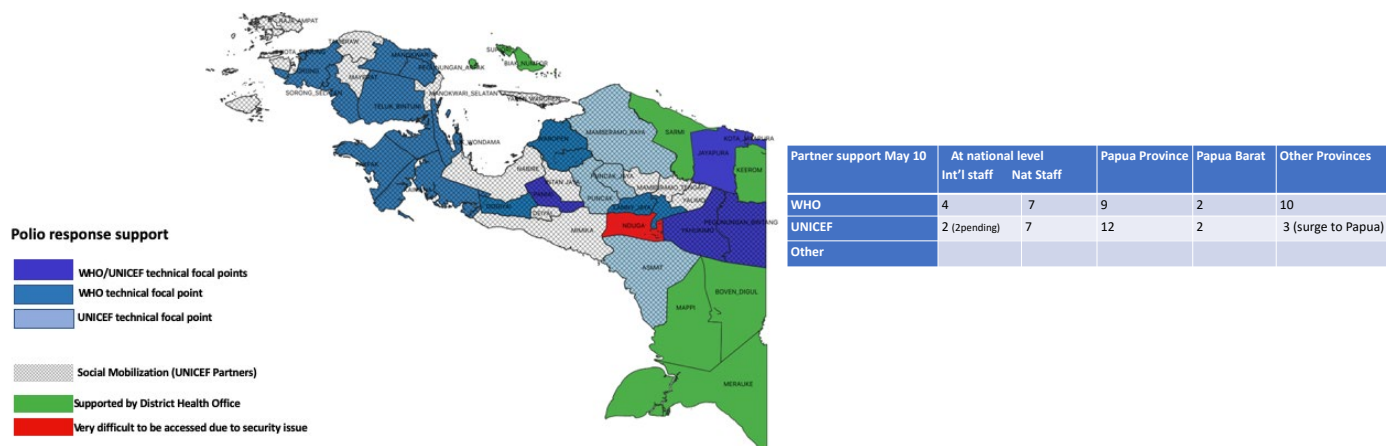
- WHO have established a field office in Papua Province and recruited 10 national officers to support Papua and West Papua. A senior NPO from Jakarta has been deployed all of May to assist the local team.
- Two international consultants are currently assisting with data, information analysis and communication coordination/management.
- WHO Geneva has deployed a senior polio medical officer to support operations in the outbreak zone until 20 May. He is currently in West Papua.
- WHO is currently recruiting 3 additional local data managers in outbreak areas to support data collection and analysis.
- WHO SEARO regional polio focal point will travel to Papua to support round 2 implementation in highland areas.

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 will arrive in Jakarta next week for a three-month deployment.

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).
- Rotary continues to provide Soc Mob and IEC material support in key districts of Papua and West Papua.
- CDC Indonesia office is planning to strengthen their support for outbreak response operations through the Indonesian Epidemiologist Association (PAEI). A senior focal point from the central branch has been contracted for 3 months and has travelled to Papua to organize district support. A training of district focal points will take place in Jayapura next week. District focal points will primarily support the regular and timely reporting of AFP cases and strengthen monitoring by conducting RCA.



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.
- A senior representative of the Minister of Health 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 WHO/UNICEF Jakarta and UNICEF-Geneva will be visiting Papua this week to review mid-term progress and discuss strategies for high-risk districts with Provincial government officials
- A joint WHO/UNICEF video conference between national and provincial teams from Papua and West Papua was held on Thursday this week and will continue on a weekly basis.
- 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.

For additional information please contact:

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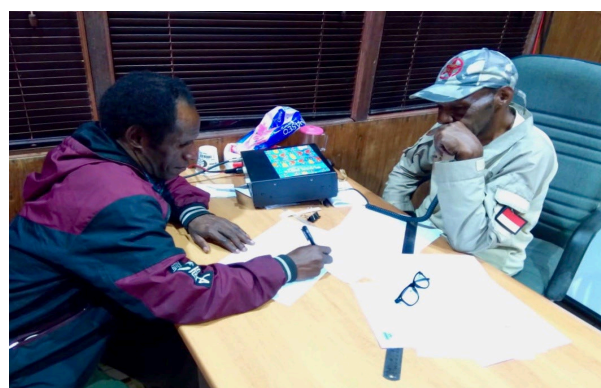
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Left: Mr Supriyono, Ms. Mitnawati and Ms. Imenda from Moswaren Health Centre Sorong, West Papua Credit: Dr Zainul Khan/WHO Top right: Special Planning for Yahukimo District, Papua Province Credit: UNICEF/Indonesia Bottom right: Coordination and planning for polio response round 2 in the radio room of Pungenungan Bintang District Office, Papua Province Credit: Bayu Putra Wibowo/WHO Indonesia