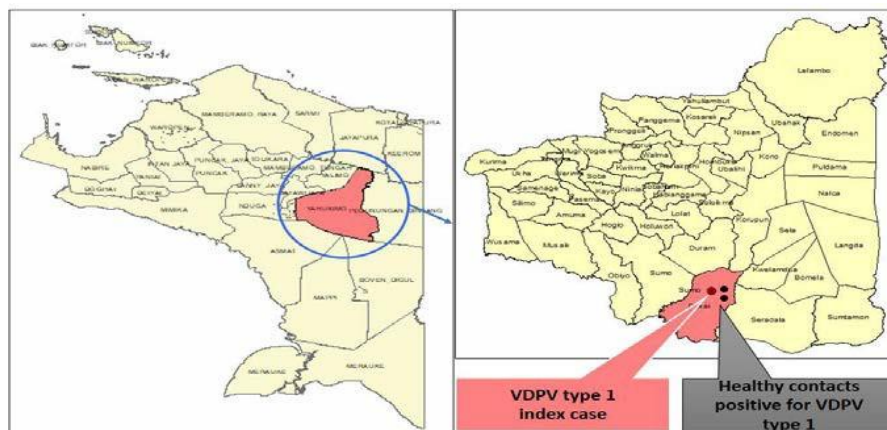


Indonesia cVDPV1 Outbreak Situation Report #16

18 October 2019

For internal circulation only

cVDPV1 cases in Papua Province, Indonesia, 2018-2019



Weekly Highlights

- No New VDPV case reported this week-epi no 41.
- Supported by WHO, AFP surveillance training to strengthen capacity of surveillance officer at province level was conducted by Ministry of Health on 07-11 October 2019 in Bekasi. Total participants were 51 from all (26 provinces) with resource persons and facilitators from senior officials from MOH, Indonesia Epidemiologist Association (PAEI), National Institute on Health and Research Development (NIHRD) and WHO Indonesia. The meeting concluded with key agreements and actions to achieve high quality of AFP surveillance through improved coordination at the province, district and health centre level.
- The special operation in Yahukimo has resumed again after two months of delays due to weather and security issue. The PHO/DHO/Puskesmas staff, with the support of Adventist aviation, conducted vaccination sessions in 7 sub districts in Yahukimo since Sunday, October 13th, 2019. In parallel, UNICEF is seeking opportunities to charter helicopter to support some other identified area in Yahukimo district which cannot be accessed with fixed wing aircrafts.
- Continuing support for Polio Sub NID and to reach remaining children, UNICEF through GAPAI and YP2KP has recruited 22 field officers to be stationed in 12 highland-districts in Papua until the end of 2019. The field officers will be responsible for assisting the respective districts to reach 95% coverage, developing social mobilization strategy, improving the effectiveness of vaccine and cold chain management and conducting RCAs. Two refresher trainings for these implementing partners were conducted on 2-4 October 2019 and 10-11 October 2019.
- MOH has issued letter to enhance AFP surveillance/bOPV and IPV coverage in bordering area with Philippines.
- For anticipation activities related to potential transmission of cVDPV2 from the Philippines, WHO re-distributed its national officers to cover provinces which have a border with the Philippines: North Sulawesi, South Sulawesi and North Maluku to strengthen routine immunization and AFP surveillance.
- Security condition both in Papua and West Papua remain a matter of concern delaying outbreak response activity.
- Papua has an annualized NP AFP rate of **4.28** and stool specimen adequacy at **51.1%** while in West Papua has an annualized NP AFP rate of **7.11** and stool specimen adequacy at **56.3%**.
- Environmental surveillance reassessment was conducted to improve sensitivity.

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

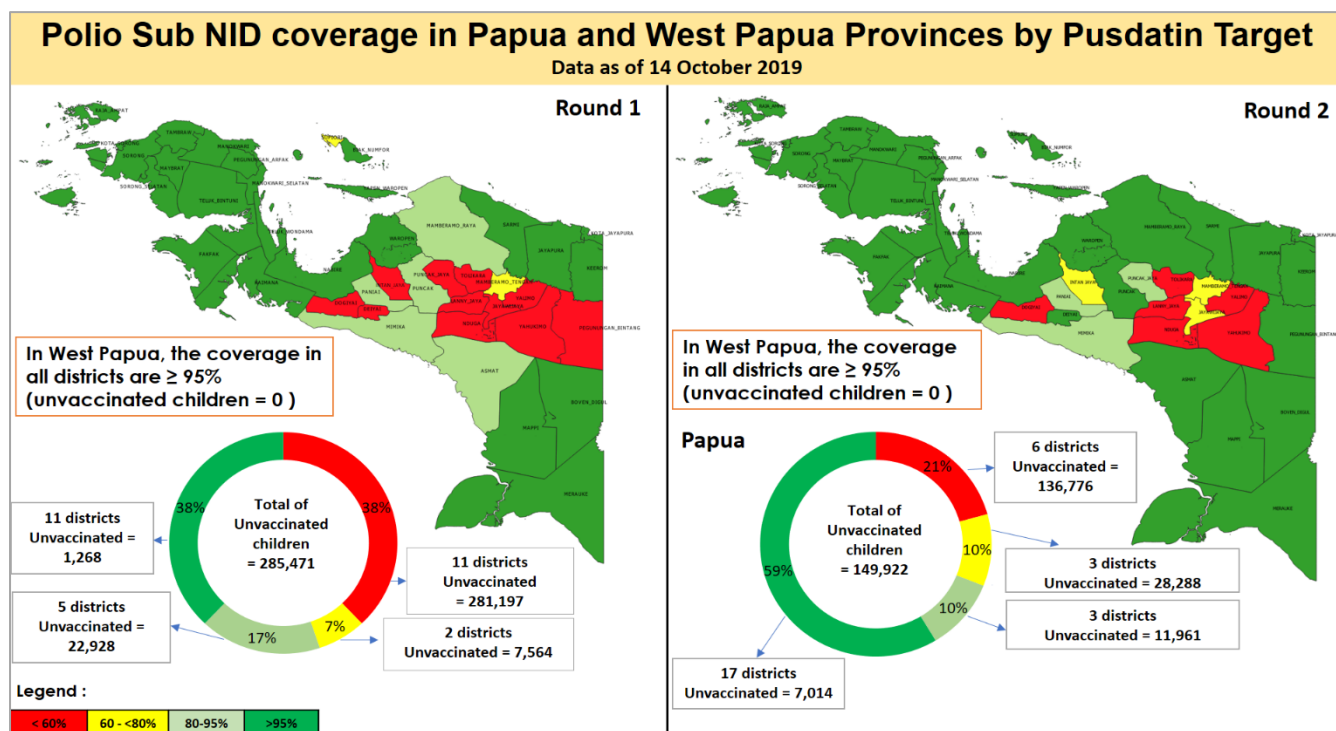
- Indonesia has adopted a differentiated approach for reaching all children that is tailored to 3 geographical and social risk zones (1) West Papua (2) Papua accessible/lowlands, and (3) Papua poorly accessible/highland areas.
- Travelers visiting Papua for longer than four weeks, both Indonesian and 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 and airports in a number of districts including Sorong and Manokwari.
- 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 round polio sub NID has been completed in Papua and West Papua targeting children 0 to below 15 years old 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 1,004,670 of the 1,362,877 targeted children using the Pusdatin or national projected target in both these provinces were vaccinated.
- In West Papua **all 13 districts** reported reaching at least **95%** of the targeted population.
- 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%.
- There were 218 rapid convenience assessments (RCA) that have been completed following implementation of round 1. In West Papua, a total of 48 RCAs assessing a total of 2,439 children across all districts were completed; coverage estimates were 95%. In Papua 170 RCAs were conducted across **20/29** districts assessing a total of 8,597 children. Data indicates 91% overall – 90% in lowland areas and 93% in highland areas have been vaccinated. Four of the 12 lowland districts (Asmat, Merauke, Kepulauan Yapen, Biak Numfor) and four of the 8 highland districts (Puncak, Puncak Jaya, Jayawijaya, Yahukimo) that conducted RCA reported at least 95% coverage.

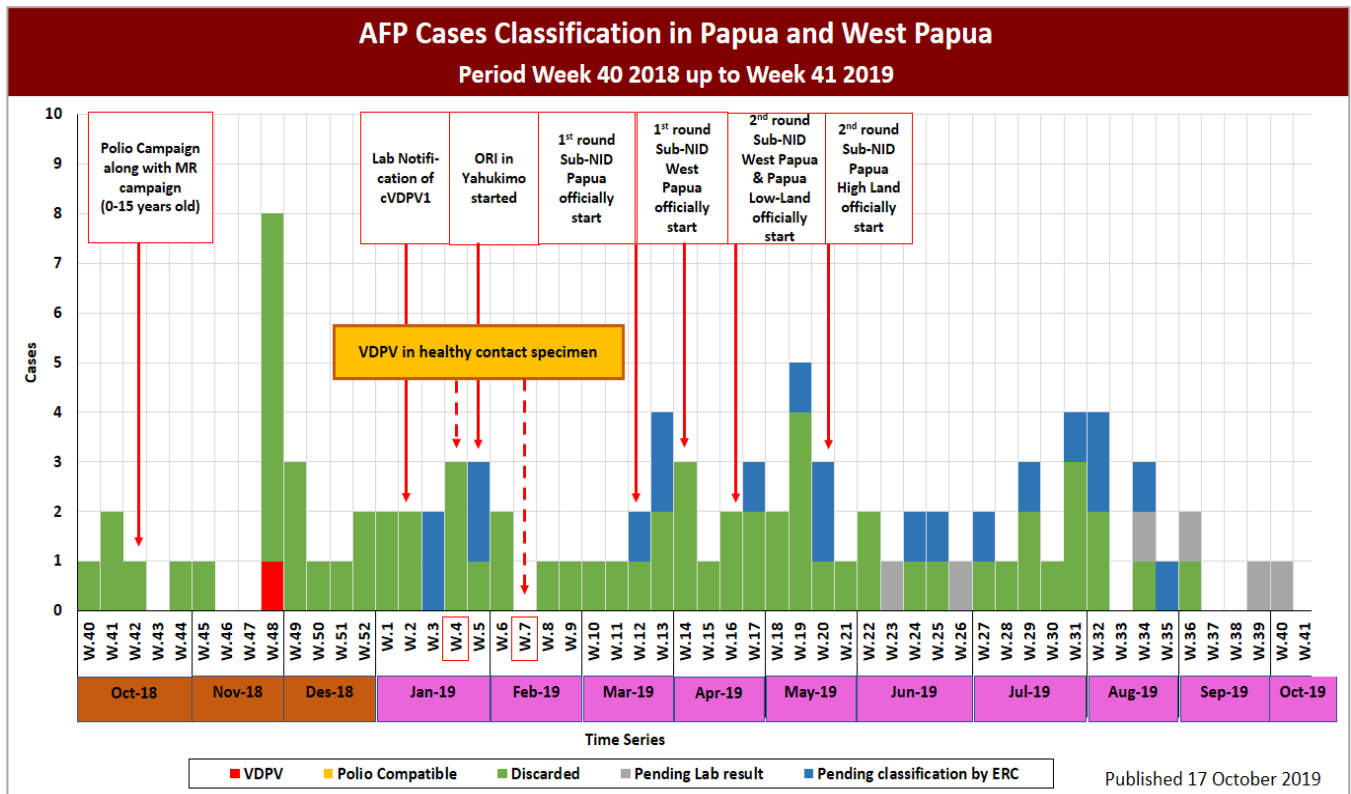
Round 2

- Polio sub NID has been completed in West Papua province. Reported coverage from West Papua is **>100 %**. **All 13 districts** have reported uniformly high coverage **>95%**.
- Polio sub NID is being extended in Papua until the next review meeting in the end of October 2019. As of 14 October, reported coverage in Papua is **84.67%** (using the Pusdatin or national projected target). Coverage using the local target population estimate is **91.93%**. Using the local target population estimate, **24 (15 in low land, 9 in high land)** of the 29 districts have reported at least **80%**. From those **24 districts, 20 districts** have reached more than **95%**.
- Special strategies are being implemented to reach the remaining 10-15% of the target children especially in highland districts including through sweeping, intensified political leadership, inter-ministerial coordination and collaboration.
- As of 16 Oct 2019, 45 RCA using modified RCA tools are recorded from Papua province. In total, 2,305 children aged 0-15 years were assessed and 84% of them received 2 doses of OPV in 2 rounds.
- West Papua province conducted a total of 58 RCAs in **13** districts following completion of round 2 vaccination. In total 2,783 children aged 0-15 years have been assessed. Data indicates **97.7%** of children assessed were found vaccinated. Main reasons for children being missed in West Papua are due to traveling or sick children. In Papua, 87 RCAs have been completed during round 2 from **4** high land districts and **11** in low land districts. A total of 4,630 children have been assessed. Data indicates **86.4%** of children assessed were found vaccinated. In Papua, the main reasons for unvaccinated children include travel of children/caregiver, lack of information on the campaign and the locations of vaccination points.



Surveillance Summary

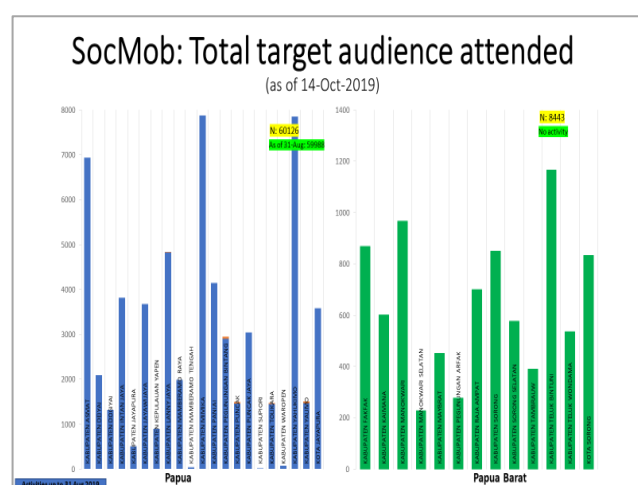
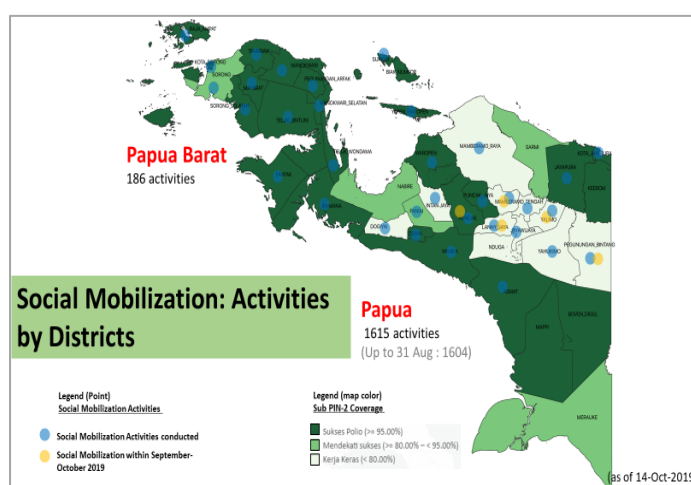
- In 2018, Indonesia's non-polio acute flaccid paralysis (NP AFP) rate is reported as **2.42** with a stool specimen adequacy rate of **78.4%**. Nine provinces of 34 met both key indicators for AFP surveillance: >2 or more non-polio AFP cases per 100,000 children below 15 years of age and >80 percent or above AFP cases with adequate specimens.
- As of week 41 2019, Indonesia annualized NP AFP rate is **1.61** with a stool specimen adequacy rate of **79.4%**.
- As of week 41 2019, Papua province has an annualized NP AFP rate of **4.28**, stool specimen adequacy at **51.1%** with 22 AFP cases are pending classification. West Papua has an annualized NP AFP rate of **7.11**, stool specimen adequacy at **56.3%** with 4 AFP cases are pending classification.
- The Indonesia Expert Review Committee is proposed to have an ad-hoc meeting, preferably in Papua, to review remaining 2019 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 in Papua is 35/35 and in West Papua is 19/19.
- 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.



Left : Director of Surveillance and Health Quarantine (Dr. R. Vensya Sitohang) giving presentation about transmission of cVDPV2 in Philippines at AFP surveillance training. Right: Staff and Head of immunization and surveillance of DHO Fakfak visited paediatric ward at RSUD Fakfak to review register book for finding AFP case and improve sensitization of hospital staff.

Communication and Social Mobilization

- As of 14 October 2019, 1,615 Social Mobilization activities have been conducted in Papua and 186 in West Papua which reached approximately 68,569 people.
- After series of protests in Papua Province in the past month, UNICEF Implementing Partners (GAPAI and YP2KP) have resumed their work on Social Mobilization. Internet is accessible now thus dissemination of information through social media is back to normal. The latest uprising in the highland capital of Wamena has has a very serious impact on social mobilization and vaccination activities in that area and other areas that need to be accessed through Jayawijaya district (Lanny Jaya, Tolikara, Yalimo, Mamberamo Tengah). The fear also spread to other districts in the highlands thus limiting vaccination activities.
- UNICEF successfully advocated the first lady of Nabire District during the women's craft exhibition on 16 October 2019 to provide support for Polio Sub PIN. She expressed her support and spoke on Polio Response during an interactive discussion on local radio.
- In 8 October 2019, PHO Papua – UNICEF initiated a meeting with District Health Office Head in Nduga District – which has been largely unreachable during the polio response due to political instability. The aim was to discuss a plan to conduct "Puskesmas Udara" (Air Health Service) program using national (BOK) funds. Teams consisting of a doctor, nurse, midwife and nutritionist will be deployed to selected areas to provide integrated health services including Polio vaccination. Church cadres will be involved in giving health services and facilitating social mobilization. UNICEF will conduct a cascade training for cadres and Primary health care facility (Puskesmas) staff in the coming weeks.



Left : Ibu Maryamah (red dress) and Ibu Bupati Nabire (white dress) discussing Polio response support during women's craft exhibition in Nabire. Credit: Maryamah/ YP2KP. Right above: Deployment team to Foliimpi and Nisikni in Yahukimo Districts. Credit: Wahidin/ UNICEF. Right below: Health workers explaining about Polio and the importance of Polio vaccination in Lumo and Keliloma villages in Puncak Jaya. Credit: Christian/ GAPAI.

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 letter regarding recent transmission of cVDPV in Philippines was issued to all provinces on September 2019.

WHO

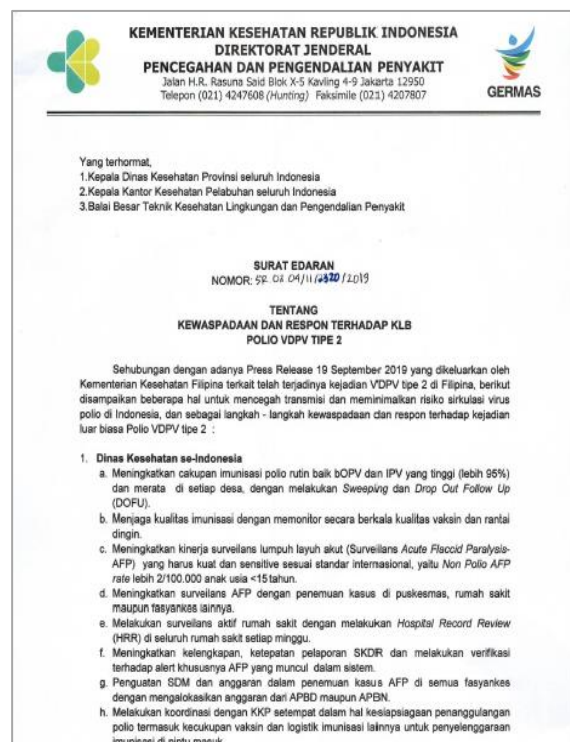
- WHO has established a field office in Jayapura, Papua Province and recruited 10 national officers to support Papua and West Papua. These officers have been deployed to high risk districts to work directly with district health offices.
- Due to security issue in Papua and recent transmission of cVDPV2 neighbor Philippines, 3 national officers have been re-distributed to provinces which have a border with the Philippines: North Sulawesi, South Sulawesi and North Maluku. Also, two national officers have been re-distributed to Manokwari, West Papua and Merauke, Papua to enhance AFP surveillance and IPV/OPV coverage.
- 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.
- Two staffs of WHO HQ visited Indonesia, 1 staff to conducted environmental surveillance (ES) reassessment and other to review phase I OBRA documentation.

UNICEF

UNICEF through GAPAI and YP2KP 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.

Other

- Rotary continues to provide T-shirts, caps, pins, books and other IEC materials to many district of Papua provinces. Also will conduct World Polio Day campaign both discussion of Polio Eradication & Global Update and walking at Sunday car free event.
- 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. One CDC international consultant is currently in Jakarta supporting the outbreak response.



Left : Polio banner has been published up at 3 Koya Barat, Skow (border area with PNG) and Yoka HC to make people awareness.
Right : DG letter regarding recent transmission of cVDPV in Philippines.

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 27th meeting on 10 October 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

- 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.
- AFP surveillance guideline is being revised by MOH.
- Rotary will conduct World Polio Day campaign both discussion of Polio Eradication & Global Update on 20 October and walking at Sunday car free event on 27 October 2019 in Jakarta.

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Left : Travellers vaccination was conducted by Makassar port health office to people who go or from Philippine. Credit: Yuniarti/WHO Indonesia. Left: World Polio Day campaign which will be conducted by Rotary.