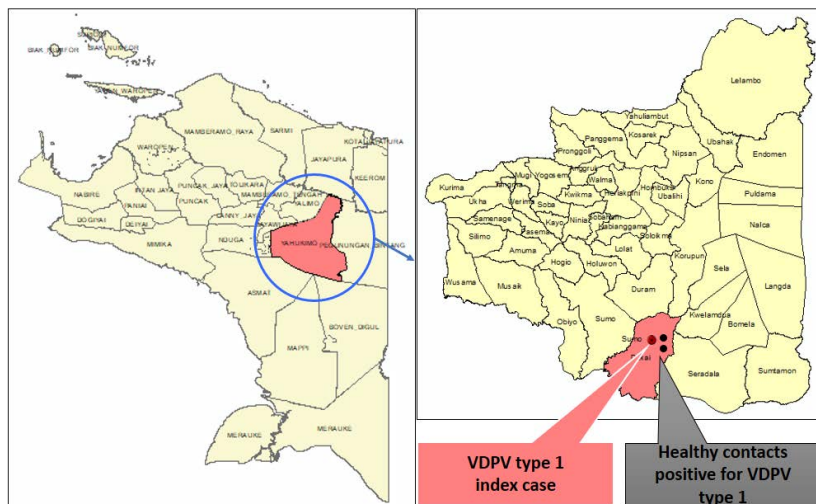


# Indonesia cVDPV1 Outbreak Situation Report #14 23 August 2019

For internal circulation only

cVDPV1 cases in Papua Province, Indonesia, 2018 - 2019



## Weekly Highlights

- No new VDPV case reported this week - epi week 33.
- The coverage of polio Sub NID round 2 in Papua province using the local target population estimate has reached 89%.
- A Memorandum of Understanding (MoU) in implementation of polio immunization was signed on 19 August between Directorate of Surveillance and Health Quarantine and Papua Province Health Office. To follow up this MoU, a meeting to discuss action plan to reach unvaccinated children in 14 high risk in Papua was conducted in Papua by Ministry of Health on 20 August.
- A meeting to strengthen support on polio sub NID from religious leaders was conducted on 19-20 August in Papua by Ministry of Health supported by UNICEF. The participants were 46 religious leaders. The meeting concluded with key agreements and actions to achieve high vaccinated children and enhance AFP surveillance sensitivity.
- There has been escalating security concern both in Papua and West Papua provinces that might hinder polio outbreak response.
- The second round of polio sub NID is continuing in Papua province providing the opportunity for districts to boost vaccination coverage and protect more children. Health workers are intensifying sweeping (house to house visit) to identify missed children and vaccinate.
- The total number of confirmed circulating vaccine derived poliovirus type 1 (cVDPV1) in Indonesia re-mains 1, positive samples from two healthy children have been collected confirming the circulation of VDPV type 1 in Yahukimo District, Papua Province.
- Capacity building of surveillance officers in Papua and other 11 high risk provinces was conducted last week. Meeting had presentation and field visit including HRR. At the end of the session, each province developed a comprehensive plan to enhance AFP surveillance that will be monitored from central level.
- There is no new AFP case officially reported this week. The total number of AFP cases officially reported in 2019 from Papua is **45** and from West Papua is **15**.

## 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 Provinces  
Who: All children 0 to below 15 years  
Target: 1.26 Million Children

## 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

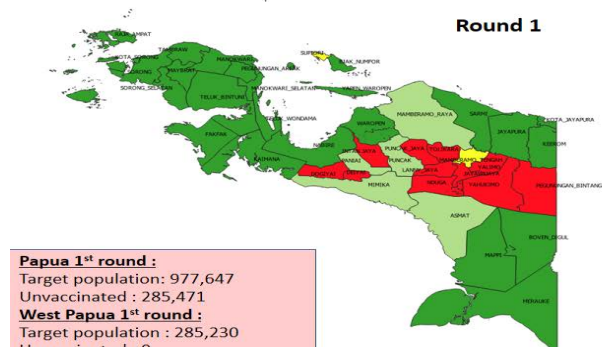
- The first round polio sub NID has been completed in Papua and West Papua targeting children 0 to below 15 years old with a supplementary dose of bivalent oral polio vaccine b(OPV) was completed on 28 April. Final reports of children vaccinated in round 1 record that 1,004,670 of the 1,362,877 targeted 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

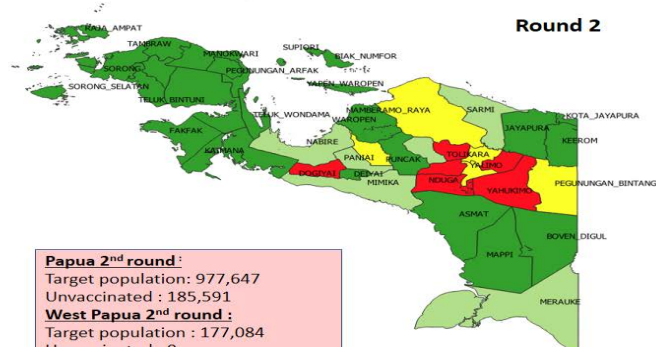
- Polio sub NID has been completed in West Papua province. Reported coverage from West Papua is **>100 %**. **All 13 districts** have reported uniformly high coverage **>95%**.
- Polio sub NID is being extended in Papua until the next review meeting in the early of September 2019. As of 21 August, reported coverage in Papua is **82%** (using the Pusdatin or national projected target). Coverage using the local target population estimate is **89%**. Using the local target population estimate, **15/29 districts** have reached more than **95%**, **20 (14 in low land, 6 in high land)** of the 29 districts have reported at least **80%**.
- 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.
- Special attention is paid to the affected district of Yahukimo. During the past 4 weeks, with support from Dimonim air, 4 teams were transported to 5 Puskesmas and Pustu areas in Yahukimo vaccinating additional 646 children: 264 children from the first flight to Puskesmas Sumtamon and 382 children from the teams from 4 flights to Puskesmas Holuwon and Lolat; Pustu Kabi-anggema and Puskesmas Endomen. This recent figure is yet to be included in the official district and provincial coverage report. Two remaining flights are planned but pending favorable weather conditions and availability of the aircrafts. There are large differences between the estimated national and local targets for Yahukimo with coverage estimates varying between **47%** (using the Pusdatin or national projected target) and **73%** using local targets.
- West Papua province conducted a total of 36 RCAs in **9 of 13 districts** following completion of round 2 vaccination. In total 1,862 children 0-15 years have been assessed. Data indicates **98%** of children assessed were found vaccinated. Main reasons for children being missed in West Papua are travel or sick children. In Papua, 42 RCAs have been completed during round 2 from four high land districts and 6 in low land districts. A total of 2,269 children have been assessed. Data indicates **91%** of children assessed were found vaccinated. In Papua, main reasons for unvaccinated children include, travel of children/caregiver, lack of information on the campaign and about the locations of vaccination points.

## Polio Sub NID coverage in Papua and West Papua Provinces

Data as of 21 August 2019



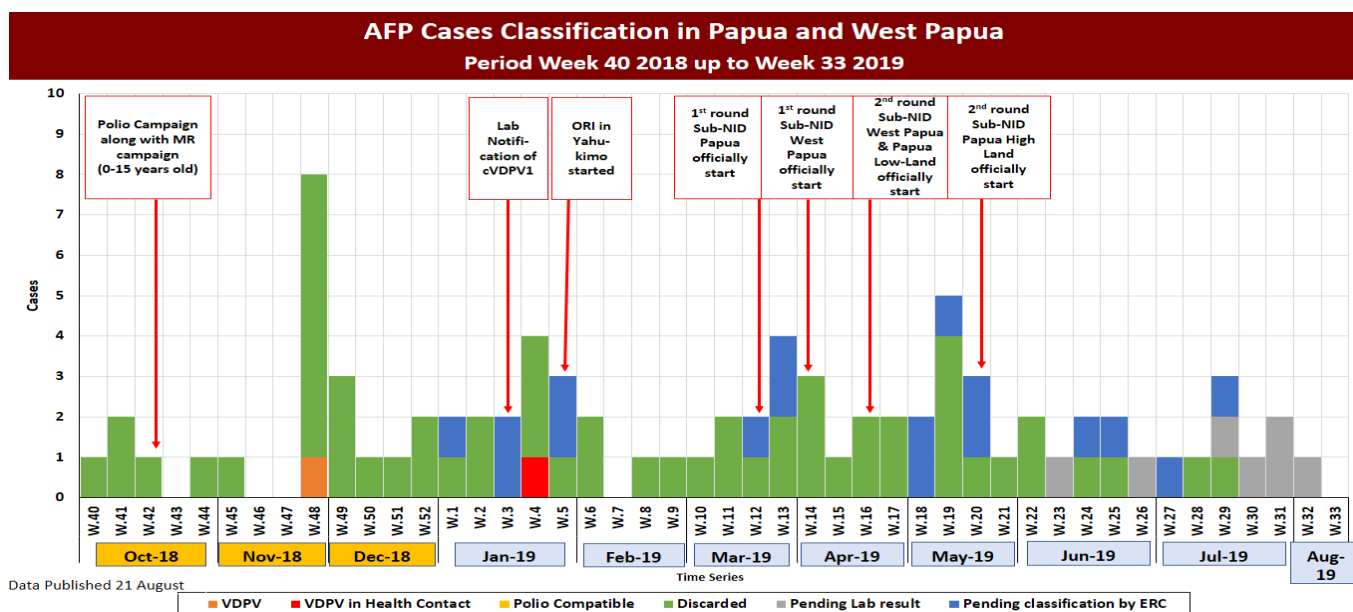
Remarks	Legend	1st round			
		Papua		West Papua	
		No District	Unvaccinated	No District	Unvaccinated
≥ 95%		11	1,268	13	0
80 - < 95%		5	22,928	0	0
60 - < 80%		2	7,564	0	0
< 60%		11	281,197	0	0



Remarks	Legend	2nd round			
		Papua		West Papua	
		No District	Unvaccinated	No District	Unvaccinated
≥ 95%		12	1,085	13	0
80 - < 95%		6	29,269	0	0
60 - < 80%		5	37,552	0	0
< 60%		6	140,608	0	0

## 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 33 2019, Indonesia annualized NP AFP rate is **1.37** with a stool specimen adequacy rate of **79.5%**.
- As of week 33 2019, Papua province has an annualized NP AFP rate of **4.03**, stool specimen adequacy at **54.1%** with 20 AFP cases are pending classification. West Papua has an annualized NP AFP rate of **5.52**, stool specimen adequacy at **53.3%** 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.
- AFP surveillance training to strengthen capacity of health worker in hospital, port health, district health office and health center in Timika, Papua was conducted by Ministry of Health from 6 – 9 August. Total participants were 52 from 16 districts (9 in low land district and 7 in high land district) with resource persons and facilitators from senior officials from MOH, Papua PHO 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.
- Futhermore, training to strengthen capacity of surveillance officer in 11 other high risk provinces were conducted by Ministry of Health at Bogor from 12 – 16 August. Each province has developed a comprehensive plan to enhance AFP surveillance in next 3 month
- 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 18/19. West Papua has a plan to complete reviews in the remaining hospitals in early of September.
- 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.

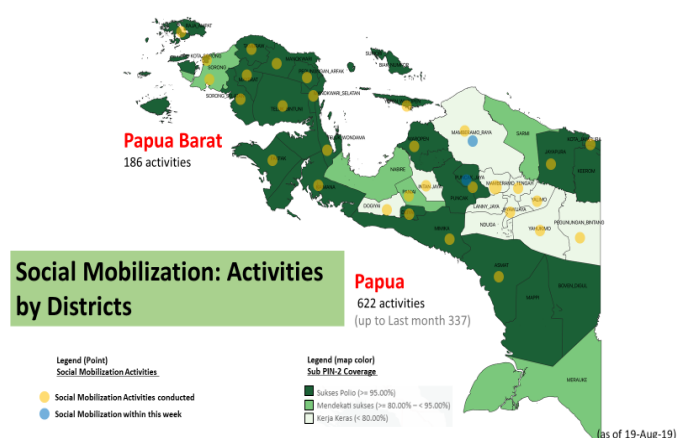


Left : Expert Staff on Health Technology and Globalization (dr. Slamet) and Head of Papua Provincial Health Office (drg. Aloisius Giyai) at AFP surveil-lance training in Mimika, Papua province (6-9 August). Credit: Endang Sri Utami/WHO Indonesia. Right: Health worker collecting stool specimen of 2 healthy contact from Dekai district. Credit: Renny Waridjo/WHO Indonesia.

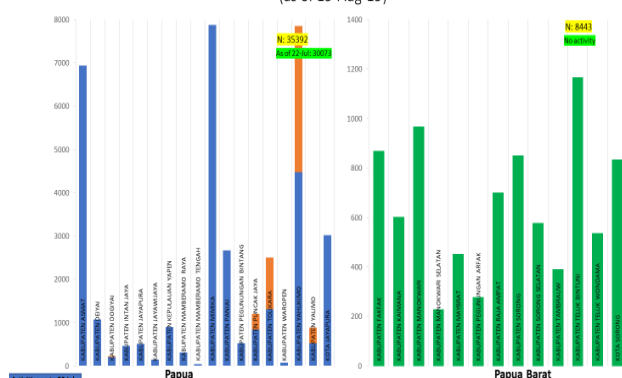


## Communication and Social Mobilization

- As of 19 August 2019, 622 community engagement and social mobilization (CE/SM) activities were conducted in Papua, reaching 35,392 children, including influencers and community leaders. As Throughout R2, CE/SM activities have systematically targeted pockets of unimmunized children in the low coverage districts.
- Polio campaign during Serial Events on commemoration of Indonesia Independence Day in 2019. Bhayangkari (Police's wife association), Polisi Daerah (Polda) Papua, DHO of Jayapura City, Boy scout, UNICEF, Gapai and Wahana Visi Indonesia (WVI) were involved in the serial events on the commemoration of Indonesia Independence Day in Jayapura city from 8th August-16th August 2019. The activities were designed to further raise the awareness for Polio and to push for involvement of all members of the community to eradicate Polio in Papua.
- Polio campaign on Car Free Day (CFD). PHO in coordination with Bhayangkari, Polda Papua, UNICEF, Gapai, and WVI held a series of activities during the CFD on 11 August 2019. The team organized a fun aerobic, games, and health check-ups, under the theme "Live healthy, free from Polio". This is part of the Polio eradication campaign, as one the ways to highlight the importance of Polio vaccination for the greater public.
- Polio eradication campaign is taking place regularly in every CFD in August 2019 to raise awareness and to get support from the community. Head of Bhayangkari, Mrs. Watie Rudolf A. Rodja was present in the CFD event on 11 August.
- PSA airing in Sentani Airport. Public Service Announcement (PSA) presenting some government and church leaders in Papua encouraging for Polio vaccination has been already aired and will continue for the next one month in Sentani Airport Papua on the Airport's videotron.
- Engaging Babinkamtibmas Polres Paniai on Polio Campaign in Paniai. After being instructed by the Kapolda Papua to actively support Polio SUB NID in all over Papua, Babinkamtibmas, one of the divisions in Papua Police, supported the socialization activities on Polio immunization to the community in Kampung Kopo Wiler, Puskesmas Enarotali, Paniai district.
- Polio immunization socialization during distribution of Village Fund in Puncak district. Socialization on Polio immunization was held during the distribution of village fund. This was a great avenue for socialization, as usually people from all over the village gather during the event, giving opportunities to reach a large audience and also to conduct the vaccination.



SocMob: Total target audience attended  
(as of 19-Aug-19)



Left: The wife of the head OF village conducted socialization in Kampung Jae, Wandai sub district, Puncak district, Papua province. Right: Education game during Car Free Day (CFD) in front of the Governor office. This event was aim to socialize Polio Campaign to the community with the theme "Live Healthy, Free from Polio. Credit: Husny/UNICEF.

## 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.



### 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.
- A mid term review meeting of WHO Papua field staff was conducted in Jakarta on 15-16 August 2019. Polio partners also attended. WHO team will focus on reaching the unreached children and enhancing AFP surveillance in silent areas.
- 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 redeployed two of its polio consultants from West Papua through July to support two high risk districts (high land) boost in planning and implementation.

### 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.
- Out of the 7 low coverage districts of Yalimo, Puncak, Mimika, Mamberamo Tengah, Asmat, Tolikara and Intan Jaya with surge support from UNICEF and implementing partners Yalimo, Mimika and Asmat with densely populated lowlands were able to report a rise of 10% in coverage in the past two weeks while Puncak, Mamberamo Tengah, Tolikara and Intan Jaya districts reported an increase between 3-9%.
- Two international consultants on immunization and communication specialist are currently supporting the Indonesia CO for a three-month deployment. Both consultants will be in West Papua province next week to participate in the MOH led province review on the polio outbreak response.

### 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 Indonesian epidemiologist Association (PAEI). Nine district focal points are now in place and have been actively supporting Hospital Record Reviews and Simple Readiness Assessments. Two CDC international consultants are currently in Jakarta supporting the outbreak response.



Left : DG CDC (Dr. Anung Sugihantono), Head of Papua Provincial Health Office (Drg. Aloisius Giyai), Director of Surveillance and Health Quarantine (Dr. R. Vensya Sitohang), Expert Staff on Health Technology and Globalization (Dr. Slamet) at MoU ceremony. Right: Health worker tracking in dense forest to reach, Alemson village, 61 children were vaccinated in the first time in their life. "Challenging terrain" and health worker making all efforts to reach the last child. Credit: Minalia Sofyanto/LSM GAPAI.



## 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.
- 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 are being revised by MOH.
- AFP training in West Papua has been being postponed to 3-7 September 2019 due to security concern.

## For additional information please contact:

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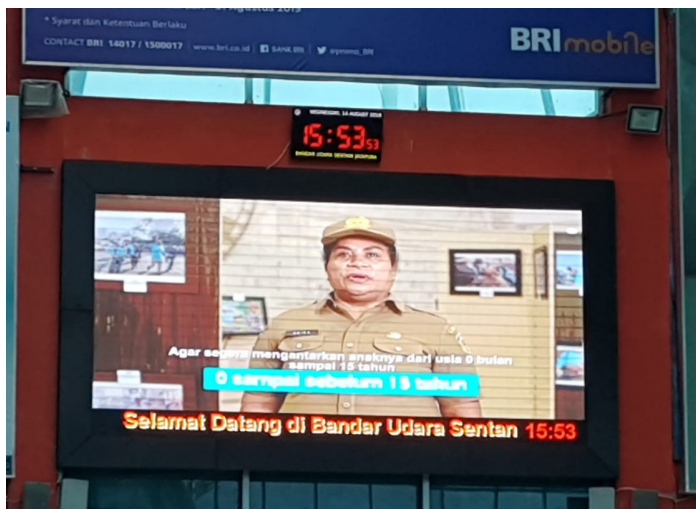
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Left : Sweeping vaccination by health worker in Sikari village, Paniai district, Papua province and reached 58 vaccinated children  
Credit: Hermansyah/WHO Indonesia. Right: A Public Service Announcement (PSA) airing by Head of Women Empowerment Office in Sentani Airport. Credit: Try Laksono/UNICEF.