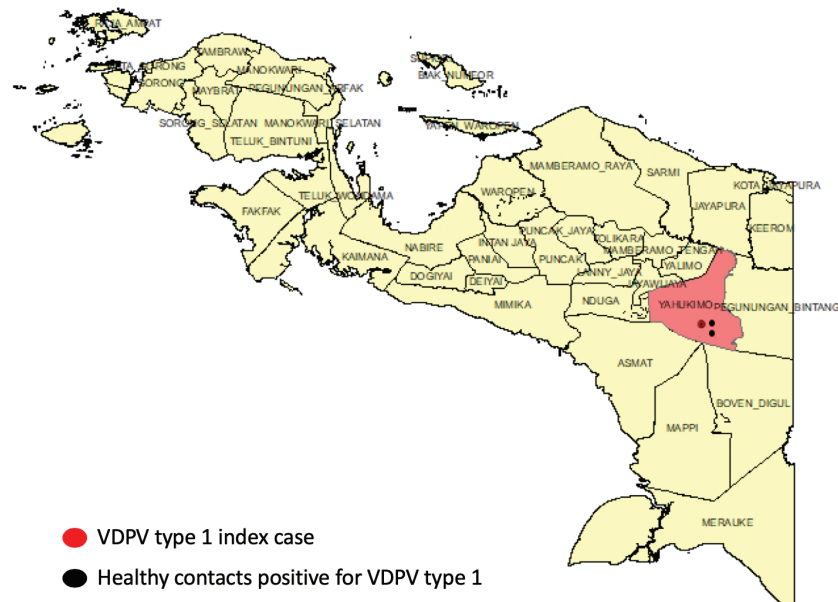


Indonesia cVDPV1 Outbreak Situation Report #8

21 June 2019

For internal circulation only

cVDPV1 cases in Papua Province, Indonesia, 2018 - 2019



Weekly Highlights

- No new cases reported this week - epi week 24
- 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 in West Papua has finished. Rapid Convenience Assessments have been conducted in all districts and are continuing. The province is working hard to simultaneously boost acute flaccid paralysis (AFP) surveillance sensitivity and the first environmental samples from West Papua will be collected from two sites in Manokwari district next week.
- The second polio immunization response round in Papua is continuing in areas that have not reached <95% of targeted children, including Yahukimo, the epicenter of the outbreak. Helicopter flights are continuing to cover unreached children in the district. The planning of these flights takes time and are dependent on a number of variables. The flights will continue into July. As of 20 June, more than 24, 000 children have been reported vaccinated in Yahukimo this round.
- Seventeen districts from Papua which are mostly highlands and with hard to reach areas and low coverage met in Jayapura today, 21 June. Led by the Papua Health Office, lessons learnt from the Yahukimo operation are being reviewed along with current bottlenecks to reach high coverage in these districts. Districts have been given a clear message by PHO to continue vaccination until target populations are reached.
- The Coordinating Ministry for Human Development and Cultural Affairs will facilitate a "Coordination Meeting on Communicable Disease Outbreaks" focusing on polio next week, 27th June. An extensive list of participants from several line ministries, including the Presidential Staff Office and international partners have been invited.
- The number of AFP cases reported in both provinces in 2019 remain the same this week. The total number of AFP cases officially reported from Papua in 2019 is 29 and 7 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

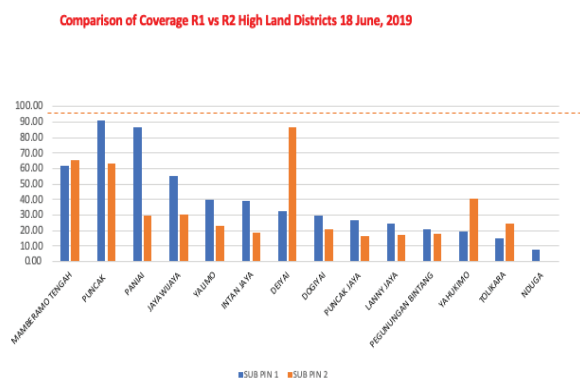
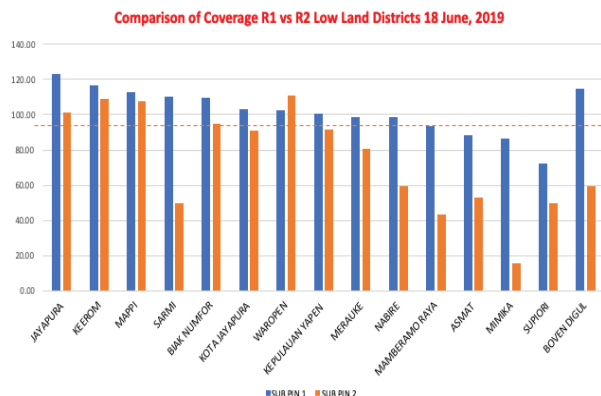
- Indonesia has adopted a differentiated approach for reaching all children that is tailored to 3 geographical and social risk zones (1) West Papua (2) Papua accessible/lowlands, and (3) Papua poorly accessible/highland areas.
- Travelers visiting Papua for longer than four weeks are being vaccinated 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 have been conducted across 19/29 districts assessing a total of 2558 children. Coverage estimates are 91% overall – 90% in lowland areas and 93% in highland areas. Notably, a modified approach to RCAs will be undertaken in additional highland districts where remoteness and access issues requires a consolidated approach for assessing unimmunized children that takes place alongside campaign efforts.

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%
- Reported coverage in Papua as of June 19, where round 2 is being staggered, is 54%. (Using the Pustadin or national projected target) A number of holidays and the late release of local funds in some districts have hampered uniform coverage in the province. Complete and regular district reporting of coverage from many areas of Papua remains challenging. Efforts are ongoing to ensure all coverage reports are validated and submitted to provincial authorities as soon as possible.
- Vaccination in Yahukimo district started 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.
- 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 were assessed with 98% coverage. Main reasons for children being missed were travel or sick children.

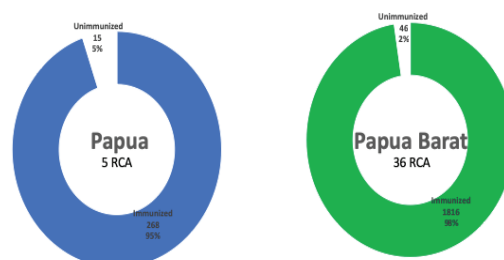


Round 1					
Province	Target		Vaccinated	%	
	Pusdatin	Local		Pusdatin	Local
Papua	977,647	934,281	691,826	71%	74%
West Papua	285,230	300,898	312,494	110%	104%
Both Provinces	1,262,877	1,235,179	1,004,320	80%	81%

Round 2					
Province	Target		Vaccinated	%	
	Pusdatin	Local		Pusdatin	Local
Papua	977,647	934,281	531,750	54%	57%
West Papua	285,230	300,898	316,775	111%	105%
Both Provinces	1,262,877	1,235,179	793,699	63%	64%

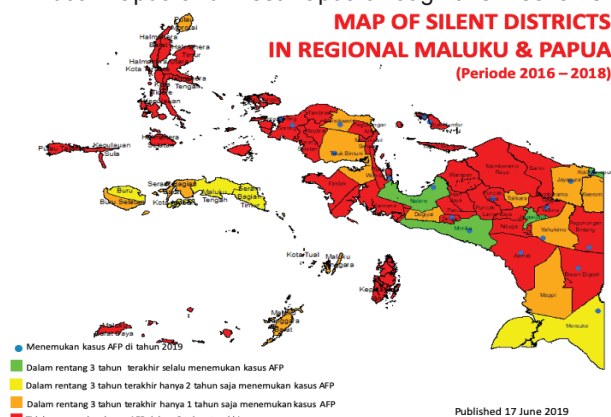
Papua PHO changed its local target to 922,978 starting on 13 June 2019. If using this update target, then the % of local is 58%. Data as of 20 June 2019

RCA: Observation to Sub-PIN 2 target houses



Surveillance Summary

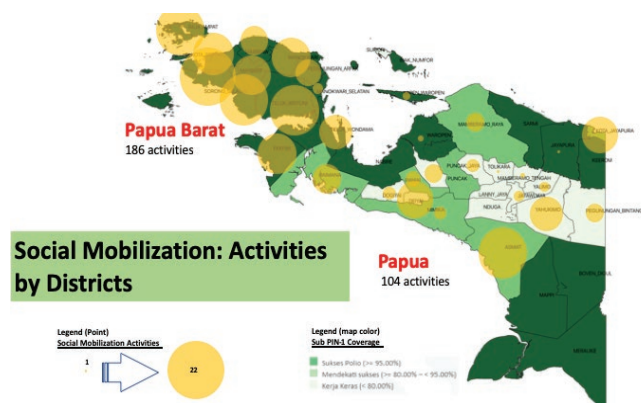
- In 2018, Indonesia's non-polio acute flaccid paralysis (NP AFP) rate is reported as 2.15 with a stool specimen adequacy rate of 79%. 13 provinces of 34 met both key indicators for AFP surveillance: >2 or more non-polio AFP cases per 100, 000 children below 15 years of age and >80 percent or above AFP cases with adequate specimens.
- Nationally, one hundred and forty-seven AFP cases reported in 2018, which tested lab negative for poliovirus, are pending final classification by Indonesia's Expert Review Committee.
- As of week 24, 2019, Indonesia's NP AFP rate is 1.09 with a stool specimen adequacy rate of 82%.
- As of week 24, 2019, Papua province has a NP AFP rate of 3.10 with stool adequacy at 52%. West Papua has a NP AFP rate of 2.28 with stool adequacy at 43%.
- 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 collection in both Papua and West Papua. Sites have been agreed in Jayapura district in Papua and Manukwari district in West Papua with a clear understanding now of collection responsibilities and shipping mechanisms.
- Hospital Record Reviews (HRR) in 12 high-risk provinces continue. In Papua and West Papua there are plans in place to have finished all reviews in all hospitals by the end of June. In Papua, 31/35 hospitals have been reviewed. A plan is in place to review the last four hospitals in the coming weeks using the Papua branch of the Indonesian Epidemiological Association (PAEI)
- To increase surveillance sensitivity, WHO will support MoH conduct 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 – Trainings will take place from July – Oct. 2019.
- To promote uniform understanding among medical professionals IDAI Indonesia's Association of Pediatricians is planning an orientation of their members in Papua and West Papua.
- In collaboration with the MoH and provincial health offices of Papua and West Papua and to facilitate the speedy shipment of AFP stool samples from these provinces to the lab, WHO has contracted a shipping company that has started shipping all AFP and ES samples from the province to the lab within 24 hours of their arrival at province level. The first shipments from both Papua and West Papua through this mechanism were made this week.



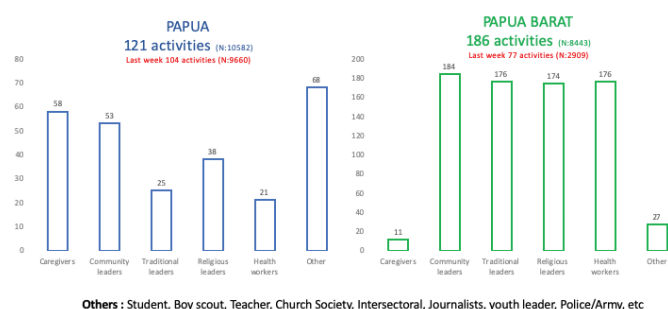
Top Right: Dr Musthofa Kamal works with West Papua PHO to pack the latest AFP case from West Papua reported from Fakfak District. The samples are the first from the province to be shipped under the new transport mechanism supported by WHO. Above Left and centre: AFP specimens packed in the field to be sent from Lanny Jaya District to Papua PHO Credits: Yurniati/WHO Indonesia Bottom Right: Pak Aldi Surveillance Coordinator Papua PHO waits for pick-up of latest AFP case from Papua province the first to be picked up under the new transport mechanism supported by WHO Indonesia Credit: Thomas Moran/WHO Indonesia

Communication and Social Mobilization

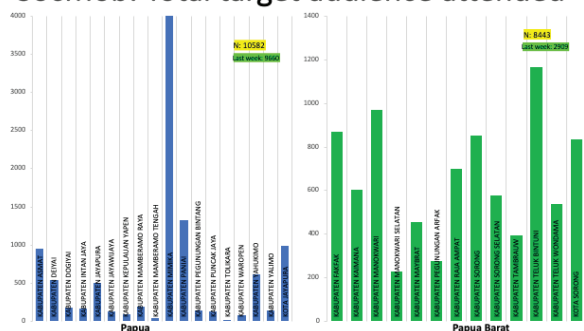
- A television Public Service Announcement (PSA) featuring key religious and political figures in Papua has been produced and shared with the Provincial Health Office who have offered free air time to further accelerate progress for round 2 of the polio campaign in this province.
- Additional social mobilization activities were conducted in Papua (104 activities to-date reaching 9660 influencers) and West Papua (186 activities to-date reaching 8443 influencers) to support the polio campaign. Yahukimo experience reported on the need for a tailored approach on communication strategy in highland districts highlighting more involvement of church leaders, community engagements and use of interpersonal communication approach.
- A follow up meeting through its Papua Bureau Head with Persekutuan Gereja di Indonesia (PGI) or Communion of Churches, the federating body of Indonesia's churches, is being planned. While PGI has already given wide support for polio operations including by issuing an instruction letter in March 2019 to support the polio campaign in Papua and West Papua, a follow up is sought to formalize the partnership with PGI and sustain community engagement and social mobilization efforts especially in highland vilalges and remote areas. A UNICEF-supported and GKI facilitated 'Leadership Meeting' of the five principal churches (GIDI, GKI, Baptist, Catholic and KINGMI) to be held in Jayapura is planned in early July.



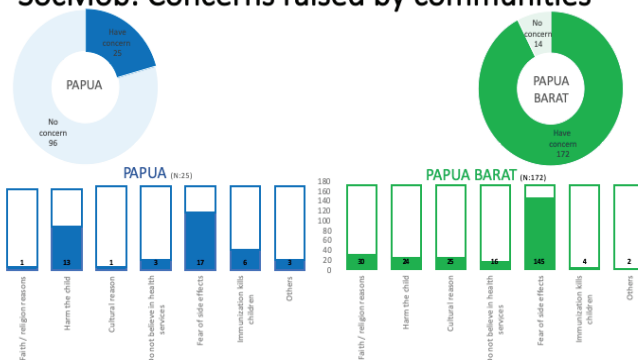
SocMob: Target Audience



SocMob: Total target audience attended



SocMob: Concerns raised by communities



Above Left: The father of Alaskin, the first child to be paralyzed in Indonesia by polio in more than a decade, gives powerful testimony on the impact his sons paralysis has had on his life and that of his family and calls on health authorities to do all they can to protect children in the province. Right: Pak Aaron Papua CDC Manager reads through the Declaration of Commitment signed by participants at a meeting to review lessons learnt from Yahukimko and improve operations in high risk districts of Papua Credit: Dr Husny/UNICEF Indonesia

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.
- A senior delegation from the MoH is travelling to Papua next week to work with provincial authorities to review the outbreak response activities to date. 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.
- WHO have recruited two additional data focal points which will be posted in Jakarta and Jayapura to support the timely collection and analysis of polio data. The data focal points are scheduled to start work Monday 24 June.

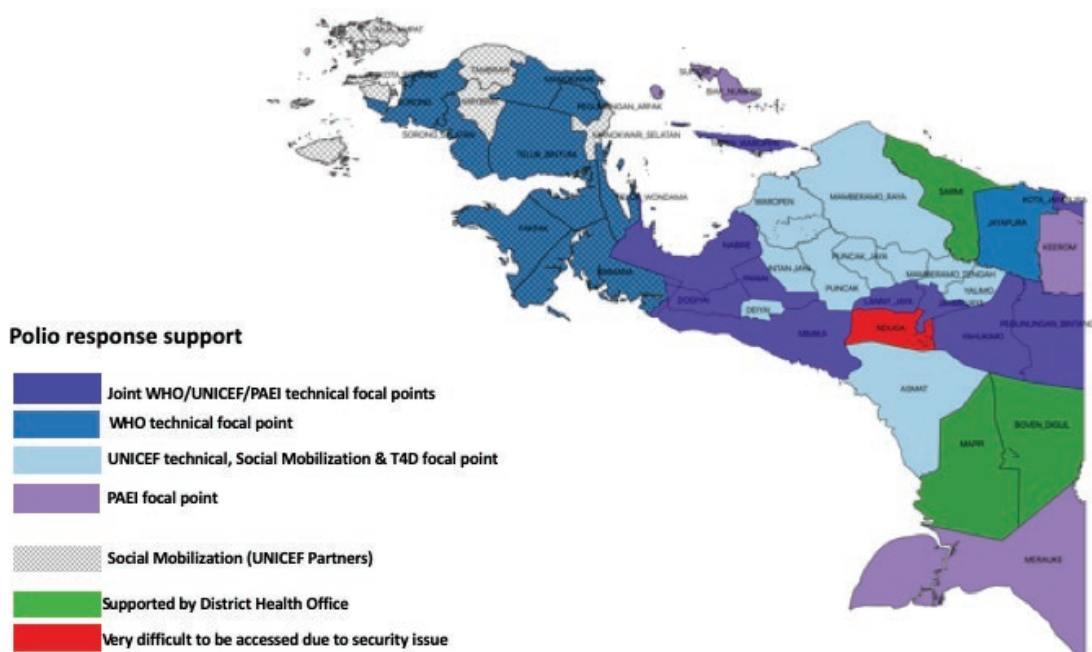
UNICEF

- 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.
- Papua PHO through financial support of UNICEF and technical support among partners (UNICEF, WHO, US CDC) are leading an internal review meeting today 21 June 2019 in Jayapura. Representatives of the 17 high-risk districts (includes all 14 high-land districts) with low coverage have been invited to attend. Lessons learned from Yahukimo's targeted highland strategy to reach inaccessible areas by air transport are being shared along with bottleneck analysis from the other districts. DHO Heads or the Representatives at the end of the meeting will be asked to sign a Declaration of Commitment to continue vaccination, focus support and release local funds earmarked for the campaign operations. .

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 in nine districts and will primarily support the regular and timely reporting of AFP cases and strengthen monitoring by conducting RCA. Two CDC technical focal points are currently in Papua supporting operations.

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		



New map outlining all partner support for Papua and West Papua

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 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.
- The Papuan Emergency Operating Centre, housed at the PHO, 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, partners are looking to enhance coordinated support to high-risk districts in coming weeks including moving consultants support to districts with hard to reach areas and low-coverage. A coordinated monitoring plan is set to be finalized next week.
- The Coordinating Ministry for Human Development and Cultural Affairs has called a high level inter-ministerial/inter sector review meeting on 27th June. An extensive list of participants from several line ministries, including presidential staff office and international partners have been invited. MoH Indonesia will present to participants an update on progress towards stopping polio transmission in Papua to ensure all government engagement in the response.

For additional information please contact:

Ministry of Health Indonesia

Directorate of Surveillance and Quarantine: Email: poskoklb@yahoo.com
+62 877 7759 1097

#PHEOCIndonesia
+62878 0678 3906

WHO Indonesia

Dr Vinod Bura, Global Polio Eradication Co-ordinator, burav@who.int
Thomas Moran, Communication Specialist, morant@who.int

UNICEF Indonesia

Dr Paul Pronyk, Chief, Child Survival & Development, ppronyk@unicef.org



Left: Polio vaccination for Hajj pilgrims in Kota Sorong, West Papua. Port Health authorities along with local health centre staff work together to provide vaccination. Credit: Aning Isfandyari/ WHO Indonesia Right: Polio vaccination is continuing in areas yet to reach second round targets. Vaccinators from Muyetadi Health Centre, Paniai District continue efforts to vaccinate all children Credit: Hermansyah/WHO Indonesia