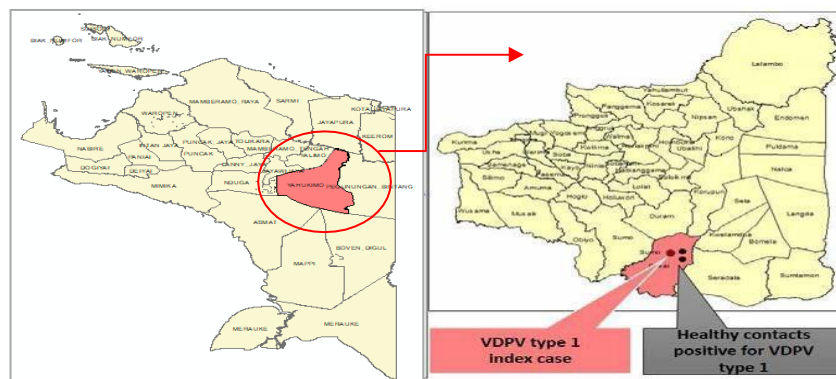


Indonesia cVDPV1 Outbreak Situation Report #20

27 January 2020

For internal circulation only

cVDPV1 cases in Papua Province, Indonesia, 2018-2020



Weekly Highlights

- No transmission of cVDPV1 since 341 days from the last case detected.
- No New VDPV case reported in this week-epi no 03.
- Documentation of first phase response activity of Indonesia cVDPV1 outbreak has been finalized.
- Polio cVDPV1 outbreak response and sustainability plan phase 2 (January – April 2020) has been signed by Director General of Disease Prevention and Control MOH.
- Monitoring and Evaluation meeting related cVDPV1 outbreak response in Papua province was conducted on 23 January 2020 at Jayapura city lead by DG inviting Papua PHO, Jayapura port health office, WHO, UNICEF, CDC and Ambon laboratory. The meeting concluded with key agreements and actions to achieve high quality of routine immunization and AFP surveillance especially in highland area.
- Papua PHO held a planning meeting with the support UNICEF, WHO and local NGOs on preparation of Back Log Fighting and strengthening the routine immunization program in 2020.
- Surveillance and immunization activities have been intensified to protect against potential transmission from the Philippines and Malaysia, WHO re-allocated 2 national consultants to cover provinces which have border with the Philippines, namely North Sulawesi and North Maluku. One national consultant reallocated to South Sulawesi where frequent international ship/flights enter the region, the aim is to assist sub national government to improve routine immunization and AFP surveillance.
- The monthly bulletin for EPI and VPD surveillance for Papua and West Papua provinces in 2019 has been published at WCO website on link <https://www.who.int/indonesia/news>
- Papua has achieved annualized Non Polio AFP rate in 2019 is **6.44** and stool specimen adequacy is **59.3%**. While, West Papua has an annualized Non Polio AFP rate of **7.36** and stool specimen adequacy at **54.5%**.

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

- The 1st and 2nd round Polio sub NID has been completed in West Papua province. Both of coverage in **all 13 districts** have reached uniformly high coverage **≥100%** (using the Pusdatin or national projected target).
- 1st and 2nd round Polio sub NID has been completed in Papua province. The **1st** round coverage is **70.78%** and **2nd** coverage is **87.75%**. **11 of 29 districts** at 1st round and **19 of 29 districts** at 2nd round have reached coverage **≥ 95%** (using the Pusdatin or national projected target as data per 30 December 2019).
- West Papua province conducted **58 RCAs** in 13 districts following the completion of round 2 vaccination. A total of 2,789 children aged 0-15 years were assessed and data showed that 97.7% of children assessed were found to be vaccinated. The main reasons for children missing vaccination in West Papua were traveling (parents) and children being sick.
- In Papua, a total of 185 RCAs were completed during 2nd round in 11 high-land districts and 11 low-land districts. A total of 9,809 children were assessed and 90% of them found to be vaccinated. In Papua, the main reasons for unvaccinated children were traveling (children/caregiver), lack of information on the campaign, and sick children. In October to December 2019, an additional 141 RCAs using the new form were conducted in 21 districts in Papua. The RCA Data showed that more than 52% of children were vaccinated at Health facilities (health center and Posyandu) and 38% at school; and 95% children who were assessed found to be vaccinated with Polio vaccine, though only 80% have received two doses of OPV during 1st and 2nd round Polio Sub NID.

Polio Preparedness in other highrisk Provinces (beyond Papua)

Indonesia has 2 provinces which have border with the Philippines: North Sulawesi and North Maluku. In addition, in South Sulawesi where frequent international ships enter the region. The anticipation activities related to potential transmission of cVDPV2 from the Philippines and Malaysia are:

- Makassar port health office, South Sulawesi province has coordination with Air Asia airline for selecting travelers who come from/to Malaysia. Eighteen travelers who come from/to Malaysia were OPV vaccinated as data of 23 January 2020.
- Hospitals that have completed Hospital Record Reviews (HRR) by South Sulawesi PHO and DHO staff as per 24 January 2020 are 34/100.
- Two hundred and thirty-eight travelers who also come from/to Philippines were IPV vaccinated at North Sulawesi, North Maluku and South Sulawesi provinces in 2019.
- Coordination meeting with immunization staff of Bahari Berkesan health center, Ternate city DHO, North Maluku province was conducted on 18 January 2020 to verify and make an analysis for routine immunization data.
- Coordination meeting with Pharmaceutical warehouse of North Maluku PHO about stock vaccine for 6 districts (Ternate, Morotai, Sula, Taliabi, Tidore and South Halmahera) was conducted on 14 January 2020 where stock available for using next 3 month.
- Socialization about AFP surveillance and routine immunization for cadres was conducted on 23 January 2020 at Yaba health center, South Halmahera district, North Maluku province.



Left and right above: Vaccination for traveller who will departure to Malaysia was conducted at Makassar port health office. Credit: Yurniati/WHO Indonesia. Right below: Verifying and analysis of immunization data by staff of Bahari Berkesan health center, Ternate city DHO. Credit: Hermansyah/WHO Indonesia.

Surveillance Summary

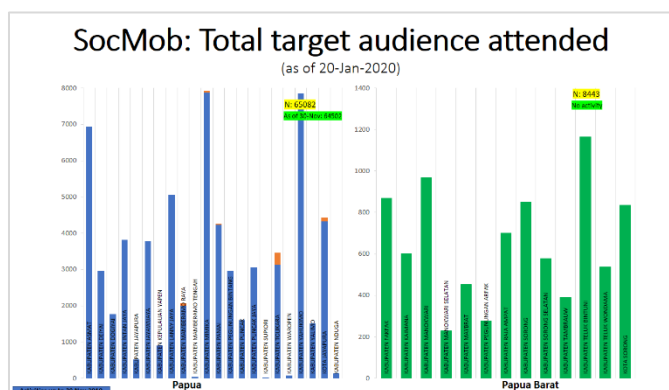
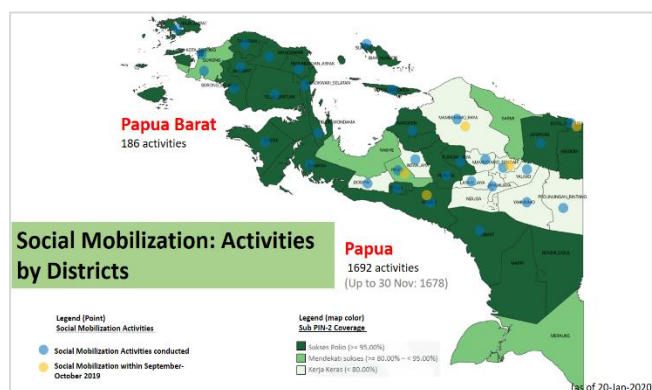
- In 2019, Indonesia annualized of Non-Polio Acute Flaccid Paralysis (NP AFP) rate is reported as **2.14** with a stool specimen adequacy rate of **80.1%**. Nine provinces of 34 met both key indicators for AFP surveillance: ≥ 2 of NP AFP cases per 100.000 children below 15 years age and $\geq 80\%$ percent of AFP cases with specimen adequacy.
- As week 03 2020, Indonesia annualized NP AFP rate is **0.00** with a stool specimen adequacy rate at **100%**.
- As week 03 2020, Papua province has an annualized NP AFP rate is **0.00**, stool specimen adequacy at **100%** while West Papua has an annualized NP AFP rate is **0.00**, stool specimen adequacy at **0.00%**.
- 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 2019 is 35/35 at Papua, and 19/19 in West Papua.

No	District	NP AFP Rate			NP AFP Rate Comparing with last 2 year	Adequate Specimen		
		2017	2018	2019		2017	2018	2019
1	Asmat	0.0	2.00	5.64	↑	0.0	0.0	0.0
2	Biak Numfor	0.0	0.0	6.85	↑	0.0	0.0	50.0
3	Boven Digoel	0.0	0.0	4.66	↑	0.0	0.0	100.0
4	Deiyai	0.0	0.0	8.79	↑	0.0	0.0	0.0
5	Dogiyai	2.00	0.0	0.0	↓	0.0	0.0	0.0
6	Intan Jaya	0.0	0.0	0.0	—	0.0	0.0	0.0
7	Jayapura	0.0	2.00	14.04	↑	0.0	0.0	57.1
8	Jayawijaya	10.00	8.00	3.62	↓	80.0	75.0	0.0
9	Keerom	0.0	2.00	0.0	↓	0.0	0.0	0.0
10	Kota Jayapura	4.00	6.00	14.16	↑	100.0	100.0	60.0
11	Lanny Jaya	0.0	2.00	5.48	↑	0.0	50.0	50.0
12	Mamberamo Raya	0.0	0.0	0.0	-	0.0	0.0	100.0
13	Mamberamo Tengah	0.0	0.0	0.0	-	0.0	0.0	0.0
14	Mappi	2.00	0.0	2.72	↑	0.0	0.0	0.0
15	Merauke	2.00	6.00	6.59	↑	100.0	100.0	50.0
16	Mimika	12.00	10.00	9.97	↓	16.6	60.0	100.0
17	Nabire	2.00	4.00	10.02	↑	100.0	100.0	75.0
18	Nduga	0.0	0.0	0.0	-	0.0	0.0	0.0
19	Paniai	0.0	0.0	1.88	↑	0.0	0.0	100.0
20	Pegunungan Bintang	0.0	0.0	8.17	↑	0.0	0.0	100.0
21	Puncak	0.0	0.0	0.0	-	0.0	0.0	0.0
22	Puncak Jaya	0.0	0.0	3.17	↑	0.0	0.0	0.0
23	Sarmi	0.0	2.00	0.0	↓	0.0	100.0	0.0
24	Supiori	0.0	0.0	14.35	↑	0.0	0.0	0.0
25	Tolikara	2.00	0.0	0.0	↓	100.0	0.0	0.0
26	Waropen	0.0	0.0	31.62	↑	0.0	0.0	33.3
27	Yahukimo	0.0	8.00	11.81	↑	0.0	25.0	62.5
28	Yalimo	0.0	0.0	11.40	↑	0.0	0.0	100.0
29	Yapen	0.0	0.0	0.0	-	0.0	0.0	0.0
Papua		1.80	2.60	6.44	↑	55.0	65.3	59.3
1	Fakfak	0.0	0.0	12.56	↑	0.0	0.0	33.3
2	Kaimana	0.0	0.0	5.18	↑	0.0	0.0	100.0
3	Kota Sorong	0.0	2.00	9.75	↑	0.0	0.0	57.1
4	Manokwari	2.00	2.00	10.23	↑	0.0	0.0	60.0
5	Manokwari Selatan	0.0	0.0	0.0	-	0.0	0.0	0.0
6	Maybrat	0.0	0.0	0.0	-	0.0	0.0	0.0
7	Pegunungan Arfak	0.0	0.0	0.0	-	0.0	0.0	0.0
8	Raja Ampat	0.0	0.0	6.25	↑	0.0	0.0	0.0
9	Sorong	0.0	0.0	3.77	↑	0.0	0.0	0.0
10	Sorong Selatan	0.0	0.0	0.0	-	0.0	0.0	0.0
11	Tambora	0.0	0.0	0.0	-	0.0	0.0	0.0
12	Teluk Bintuni	0.0	2.00	10.17	↑	0.0	0.0	50.0
13	Teluk Wondama	0.0	0.0	8.93	↑	0.0	0.0	100.0
West Papua		0.3	1.00	7.36	↑	0.0	0.0	54.5

	NP AFP Rate <1 or Adequate Specimen <60%
	NP AFP Rate 1-1,9 or Adequate Specimen 60-79%
	NP AFP Rate ≥ 2 or Adequate Specimen $\geq 80\%$

Communication and Social Mobilization

- As of 31 December 2019, a total of 1,692 and 186 Social Mobilization activities took place in Papua and West Papua respectively, which reached approximately 73,525 people with various socio-cultural background.
- In January 2020, a series of awareness raising activities on Polio and Vaccine Preventable Diseases (VPD) took place in several remote communities in Pegunungan Tengah areas. High officials and experts from MoH and Papua Health Office conducted a dialogue on Sub PIN Polio with health workers, village officers and community in Puskesmas Taniruma, Boven Digoel on December 9, 2019.
- Interactive dialogues on the importance of Polio held in several districts, involving radio stations, Ikatan Dokter Anak Indonesia (IDAI), Puskesmas, local leaders, and UNICEF.



Left middle: Senior expert of MOH (dr. Slamet) dan Papua PHO staff conducted interactive dialogues on the importance of polio outbreak response with health workers, village officers and community at Yaniruma health center, Boven Digoel district. Credit: Ferdinand Hay. Right middle: Broadcast about the importance of polio outbreak response at Radio RRI Wamena with dr. Marshalla Agnes Sp.A (IPS), dr. Wilhelmus Parera (Pelebaga health center), and Cathryn Sahetapy, SKM (Field Officer UNICEF Jayawijaya district). Credit: Eufrasia P. Right and Left below: Awareness raising before Sub PIN Polio service at Yalimo district, Papua (13 Dec 2019). Credit: Oliver Wendel.

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 issued instruction to ensure polio vaccination of traveler coming from or departure to Philippines regarding recent transmission of cVDPV1 and 2 in Philippines to all provinces on September 2019.
- DG issued instruction to ensure polio vaccination of traveler coming from or departure to Malaysia regarding recent transmission of cVDPV1 in Malaysia to all provinces on December 2019.

WHO

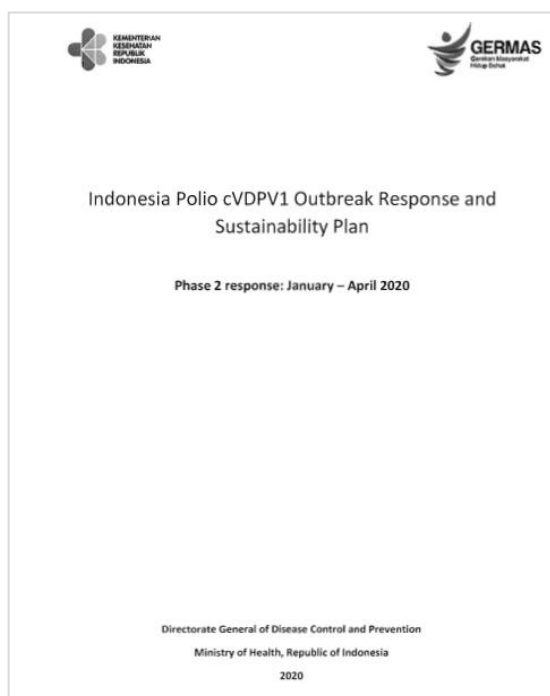
- WHO has established a field office in Jayapura, Papua Province and recruited 10 national officers to support Papua and West Papua. These officers have been deployed to high risk districts to work directly with district health offices.
- Due to security issue in Papua and recent outbreak transmission from Philippines and Malaysia, WHO re-allocated national consultants to cover provinces which have border with the Philippines, namely North Sulawesi and North Maluku. One consultant reallocated to South Sulawesi where frequent international ships enter the region. Also, two national consultants have been re-allocated to Manokwari, West Papua and Merauke, Papua. the aim is to assist sub national government to improve routine immunization and AFP surveillance.
- 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.

UNICEF

UNICEF currently works through its established field offices in Jayapura (Papua) and Manokwari (West Papua) where 8 full time staff and 6 consultants support the response. Alongside this, 4 NGOs provided sustained support for technical assistance and social mobilization with a focus on high risk areas. Recently, two NGO partners in Papua (GAPAI and YP2KP) have 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. A key area of focus for 2020 will be on strengthening routine immunization services.

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 Indonesia Epidemiologist Association (PAEI). Nine district focal points are now in place and have been actively supporting Hospital Record Reviews and Simple Readiness Assessments.



Left : Papua cVDPV1 outbreak response and sustainability plan phase 2 has been signed by DG. Right: Senior expert of MOH dr. Slamet continues to support cVDPV1 outbreak response activities.

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 31th meeting on 16 January 2020.
- 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.
- EVM assessment will be conducted on 27 January-7 February 2020 on 7 selected provinces.
- EPI and VPD surveillance review will be conducted on 7-19 February 2020 at 15 selected provinces.

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Left : Monitoring and Evaluation meeting related cVDPV1 outbreak response in Papua province lead by DG. Credit: Mindo/WHO Indonesia.
Right: Simulation of AFP surveillance on how to fill FP1 and 60days follow up form, handle stool specimen and send it to DHO was conducted by West Papua PHO while its training. Credit: Aning/WHO Indonesia.