

This Situation Report is jointly issued by PNG National Department of Health and World Health Organization once weekly. This Report is not comprehensive and covers information received as of reporting date.

Situation Summary and Highlights

- ❑ As of 13 September (12:00 pm), there have been 511 COVID-19 cases and six COVID-19 deaths reported in Papua New Guinea. From the period of 7 to 13 September, there were 14 new cases reported from four provinces: National Capital District (10), Western (2), Central (1) and Milne Bay (1). One death was reported from NCD. The total number of provinces that have reported COVID-19 cases to date is thirteen. Contact tracing is ongoing for all the cases confirmed.
- ❑ A circular was sent to all CEOs of Provincial Health Authorities and hospitals and to managers of all private hospitals and clinics regarding immediate notification of COVID-19 cases and deaths in Papua New Guinea. All laboratory confirmed cases and deaths are reportable to the Central Public Health Laboratory (CPHL) and the COVID-19 National Control Centre (NCC) Surveillance Team within 24 hours.
- ❑ On 8 September, a meeting was held between NCC, provincial CEOs and incident managers to improve overall coordination and implementation of key response strategies, and update on the activities and challenges encountered in the provinces.
- ❑ On September 9, a team from NCD Health, WHO and World Vision met with community leaders and members of Kukipi settlement at 9 Mile in NCD to discuss COVID-19 and explore options for home isolation. A separate visit was done at Hanuabada village in Central Province to gain understanding from the community on COVID-19 response approach in PNG.
- ❑ On 9-10 September, the regional church leaders' sensitization workshop for the Highlands was held. The PNG Council of Churches organized this to coordinate church leadership involvement in raising awareness on the New Normal way of life in the COVID-19 pandemic. WHO and UNICEF provided technical support to this workshop.

Table 1. COVID-19 IN PAPUA NEW GUINEA¹

	New Cases (7 – 13 September 2020)	Cumulative Total
National Capital District	10	300
Western	2	185
Central	1	7
Morobe	0	5
East Sepik	0	3
Milne Bay	1	2
East New Britain	0	2
West New Britain	0	2
AROB	0	1
Eastern Highlands	0	1
New Ireland	0	1
Sandaun	0	1
Southern Highlands	0	1
TOTAL	14	511

¹ As of 2020/09/13, 12:00 pm, PNG time

Table 2. COVID-19 GLOBAL AND REGIONAL UPDATE²

	Confirmed Cases	Deaths
Global	28 637 952	917 417
Western Pacific	546 552	11 886

² WHO COVID-19 Dashboard as of 2020/09/13, 1:41 pm CEST

Upcoming Events and Priorities

- ❑ **Coordination:** The National Control Centre continues to implement the new phase of the NCC Operational Blueprint, covering the period of 7 September – 4 October. The key strategies in the Blueprint include areas of strategic leadership and overall oversight of the response, awareness raising, prevention of further transmission, and partnership coordination.
- ❑ **Surveillance and Testing:** Piloting of the electronic Health Declaration Form (eHDF) is ongoing. Revision of the surveillance standard operating procedures (SOP) is expected to be completed by this week along with the repackaging and revision of all COVID-19 Surveillance SOPs, including rapid response team SOP, swab collection and testing SOP and the contact tracing SOP. Set up of three additional RT-PCR machines is expected to be completed by October 2020 in Lae (Morobe), Nonga (East New Britain) and Mt. Hagen (Western Highlands).
- ❑ **Case Management and Infection Prevention and Control:** Home and Community Quarantine Guidelines, and Home and Community Isolation Guidelines are in the process of finalization. Discussions with the NDOH Health Facilities Standards Branch and other technical partners will continue to tackle critical care capacity with focus on bedside ventilators and non-invasive ventilation for critical care. The country is expecting to receive donation of ventilators in the coming weeks. The oxygen concentrators and pulse oximeters received are now being inspected and prepared for

distribution to recipient provinces. An instructional video on PPE donning and doffing will be developed in collaboration with Port Moresby General Hospital. An IPC Handbook for healthcare workers is also under development.

- ❑ **Risk Communication & Non-Pharmaceutical Interventions (NPIs):** Three regional church leaders' sensitization workshops organized by the PNG Council of Churches are scheduled to take place in September and October (i.e. New Guinea Islands on 23-24 September, Momase on 7-8 October and Southern on 21 October). The roll out of the Niupela Pasin checklist to provinces will commence this week.

National Transmission Assessment

3 – Large-scale community transmission

Due to low testing, there has been a reduction in reported cases in the past 7 days. Between 7 to 13 September, 14 newly confirmed cases have been reported nationally from four provinces. Thirteen out of 22 provinces have reported a case or more since March 2020. Of these new cases in the past 7 days, 10 (71%) have been reported from NCD, with majority of these not epidemiologically linked (investigations are still ongoing) indicating ongoing community transmission in NCD. There have been two (14%) additional confirmed cases in Western Province, one (7%) from Central Province and another one (7%) from Milne Bay. There is a large localised cluster of confirmed cases at a mine site in Western Province that continues to report cases. With a lack of testing in the community, it is difficult to determine extent of transmission in Western Province particularly in communities surrounding the large cluster. Majority of provinces have reported 1 to 2 sporadic cases, with cases having travel history from Port Moresby or contact with a positive case from Port Moresby which demonstrates the extent of transmission in the National Capital District. With ongoing population movement and low compliance to non-pharmaceutical interventions in NCD, ongoing increase in cases is expected. With movement to provinces, it is expected to see sporadic cases and local clusters reported by other provinces. Testing in all provinces remains critically low, therefore ongoing transmission in other parts of the country is a possibility as population mobility continues. Importation from bordering Papua Province in Indonesia and incoming travellers from other countries reporting COVID-19 cases also remains a threat. Testing needs to increase substantially to understand the extent of transmission.

Epi Update COVID-19

Tests	Cases	Deaths	ICU Admissions
1506	14	1	0
NAT Tests past 7 days	New cases past 7 days	Deaths past 7 days	ICU Admissions past 7 days

20 726	511	6	8
Cumulative NAT Tests	Cumulative Cases	Cumulative Deaths	Cumulative ICU Admissions

0	8*	2*	*
Imported Cases in past 28 days	Cases in past 7 days with no link	Active Clusters	Active clusters with >3 generations

Health Service Provision COVID-19

4801	7*	1	93	309
Health care workers trained in COVID19 Case Management	Healthcare worker cases reported past week	Hospitals admitting COVID-19 patients	ICU beds for COVID-19 patients	Non-ICU Hospital beds for COVID19 patients

* Case investigations are ongoing

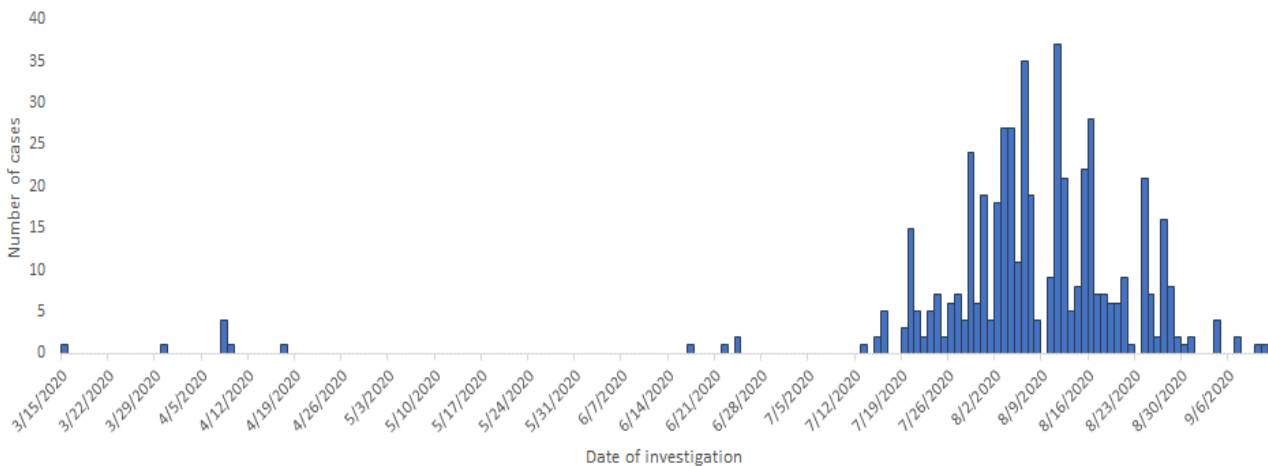
Epidemiology

- As of 13 September (12:00 pm), there have been 511 COVID-19 cases and six COVID-19 deaths reported in Papua New Guinea. From the period of 7 to 13 September, there were 14 new cases reported from four provinces: NCD (10, 71%), Western (2, 14%), Central (1, 7%) and Milne Bay (1, 7%).
- Majority of the confirmed cases are male. Ages range from 1 to 84, with majority of cases aged between 20 and 60 years (Figure 3).
- There are now confirmed COVID-19 cases reported from 13 out of 22 provinces (60%): NCD (300), Autonomous Region of Bougainville (1), Central (7), Eastern Highlands (1), East New Britain (2), East Sepik (3), Milne Bay (2), Morobe (5), New Ireland (1), Sandaun (1), Southern Highlands (1), West New Britain (2) and Western (185).

Figure 1. Distribution of COVID-19 Cases Reported in Papua New Guinea, March to 13 September 2020

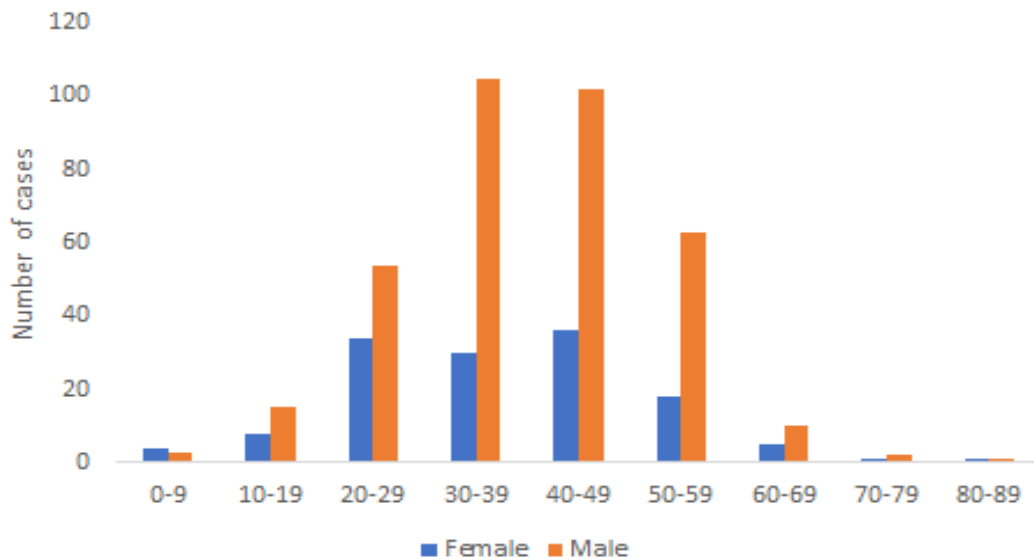


Figure 2. Epidemiological Curve of COVID-19 Cases in Papua New Guinea, March to 13 September 2020



Nationally, 69% of all confirmed cases are male. This could be due to employment status, movement and male-dominated industries affected, health seeking behavior and access to testing. For example, in the large mining site cluster in Western Province where there have been 182 confirmed cases, 92% of them are male.

Figure 3. COVID-19 Cases by Age-Group and Sex in Papua New Guinea, March to 13 September 2020



Most (56%) confirmed cases report being asymptomatic during presentation for swabbing (Figure 4). Contributing factors to the larger percentage of asymptomatic cases could be due to resilience and health seeking behaviors in Papua New Guinea, lack of reporting of past symptoms, lack of probing question about symptoms during swab collection, testing early during pre-symptomatic stage and mass testing. Of the symptomatic cases (44%), majority presented with cough or fever (Figure 5).

Figure 4. Proportion of Symptomatic and Asymptomatic COVID-19 Cases in Papua New Guinea at Time of Swabbing, March to 13 September 2020

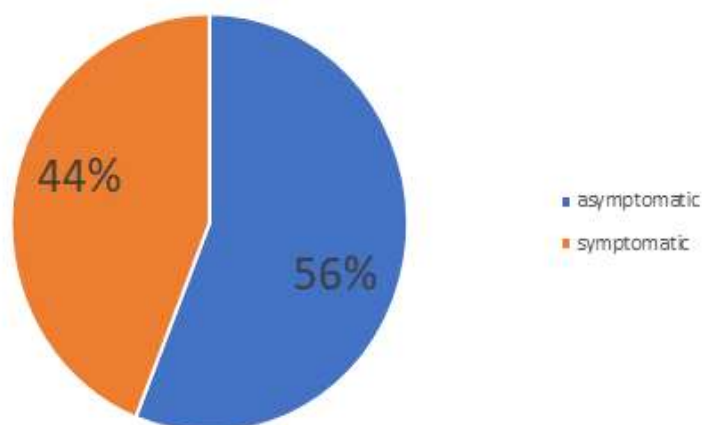
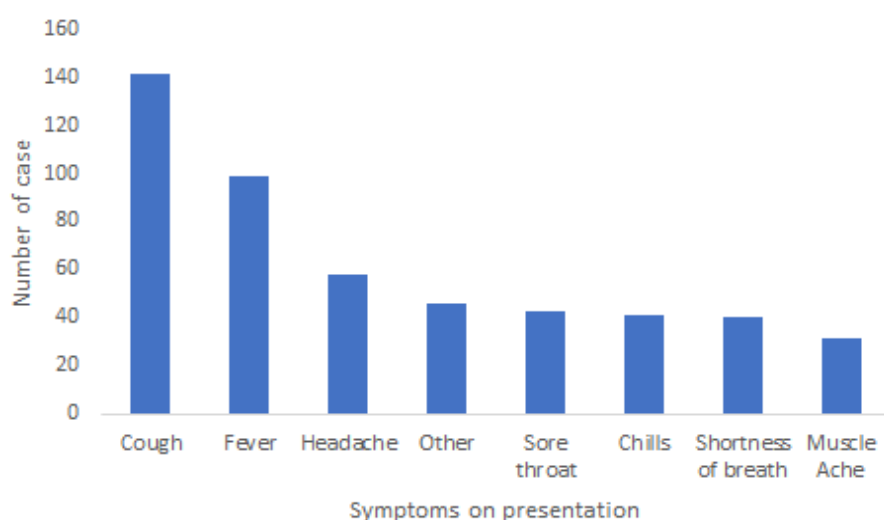


Figure 5. Symptoms on Presentation of COVID-19 Symptomatic Cases in Papua New Guinea, March to 13 September 2020



Strategic Approach

National and Provincial Public Health Response

- The Pandemic Response Coordination Group continues to meet daily, while the Health Operations Team meets thrice weekly (M-W-F). The National Control Centre is implementing the second phase of the NCC Operational Blueprint.
- The Disaster Management Team Multi-Sectoral Response Plan for COVID-19 was revised. The revision includes an overview of the DMT cluster activities to date, a mapping of organizations delivering both the health and non-health goods and services around the country, and international funding flows to date.

Surveillance and Testing

- Surveillance products are produced and distributed: (1) National Daily Epidemiological Situation Updates Presentation; (2) Epi Updates; and, (2) Surveillance Bulletins.
- Most of the provinces submit daily reports of suspected COVID-19 (including SARI) patients. While completeness of reporting is increasing, sample collection and testing are still not adequate to generate reliable transmission assessment. See weekly surveillance bulletin for trends.
- The Provincial Surveillance Teams are leading the case investigation and contact tracing with support from the National Control Centre and WHO.
- For the period of 7 to 13 September, the COVID-19 National Hotline received 2899 calls. From which, only 62 (2%) were health-related calls. As of 13 September, the Hotline received 114 036 calls.
- Papua Province in Indonesia is continuously reporting COVID-19 cases in areas that border Sandaun and Western Provinces in Papua New Guinea. While the border is officially closed, the threat of case importation from Indonesia remains high. As of 13 September, Papua Province has reported a total of 4529 confirmed cases and 61 deaths (data accessible at <https://covid19.papua.go.id/>).

Table 3. Persons Screened by Point of Entry

Total Number of Travelers Screened before SOE (until 22 March)	29 387	
Total Number of Travelers Screened during SOE (23 March – 16 June)	3788	
Total Number of Travelers Screened after SOE (17 June – 12 September)	Air	3820
	Sea*	490
	Land	6
* 3 passengers and the rest are crew	Total	4316

COVID-19 Prevention and Control

- NDoH and WHO conducted a mission to Tabubil in Western Province where the largest cluster of cases is reported in PNG. The team recommended the following: (1) stronger engagement from PHA and activation of district incident management system; (2) multi-disciplinary teams to return and provide training and mentoring in surveillance, laboratory and clinical management; (3) increase in community testing sites; (4) conduct of specialized training on critical care by NDoH and partners and provision of bed side ventilators and oxygen concentrators; (4) engagement of IMR to support the PCR platform and other lab issues; and, (5) assessment of health human resource for North Fly District.
- Gerehu Hospital and AUSMAT conducted simulation exercise, including clinical system needs analysis and collaborative relationship development building discussions.
- District-level trainings in the provinces are ongoing under the NDOH's COVID-19 Emergency Response Project financed by the World Bank and with technical support provided by UNICEF and WHO.
- The country is ensuring that essential healthcare services are not disrupted during this time of COVID-19 pandemic. Various activities were conducted this week for various public health programs: (1) Two virtual conference trainings led by NDoH for the upcoming Supplementary Immunization Activity (SIA) for polio were participated in by 21 provinces. The polio vaccination campaigns are planned in November 2020, with support from WHO and UNICEF. (2) A training for the transition of the PLHIV to the new second line ARVs was conducted in Port Moresby. Completion of the ARV viral load roll-out using GeneXpert was done in New Ireland using the National HIV QUAL Framework. (3) The national review meeting on programmatic management of drug-resistant TB was conducted on 8-10 September in Lae, Morobe with technical support from WHO. The National Treatment Guidelines on PMDT were discussed and agreed by the National TB Programme, provinces and partners.

Table 4. Number of Healthcare Workers and Programme Managers Trained under the NDOH PNG COVID-19 Emergency Response Project Financed by World Bank and with technical support by UNICEF and WHO as of 13 September

	Province	Number of Batches Completed	Number of Individuals Trained
1	Western Highland	1	24
2	Jiwaka	3	65
3	Simbu	3	62
4	Central	3	54
5	Enga	1	20
6	Morobe	2	31
7	Madang	6	86
8	Eastern Highland	1	32
9	Southern Highland	2	30
10	Gulf	1	21
	TOTAL	22	425

Table 5. Number of Health Care Workers Trained by Province

Province			Province		
No.	MOMASE REGION	Total	No.	NEW GUINEA ISLANDS REGION	Total
1	Madang	432	12	ARoB	37
2	Morobe	456	13	East New Britain	236
3	East Sepik	92	14	Manus	89
4	West Sepik	200	15	New Ireland	320
No.	HIGHLANDS REGION		16	West New Britain	328
5	Eastern Highlands	146	No.	SOUTHERN REGION	
6	Enga	132	17	Central	330
7	Hela	81	18	Gulf	51
8	Jiwaka	138	19	Milne Bay	94
9	Simbu	62	20	NCD	269
10	Southern Highlands	397	21	Oro	34
11	Western Highlands	803	22	Western	74

Table 6. Number of Facilities and Beds for COVID-19 as of 13 September 2020

Health Facilities	Number of Provinces	Number of Facilities OR Beds	Provinces that Reported
Pre-triage facilities	20	>92	ARoB, Central, EH, ENB, ES, Enga, Gulf, Hela, Jiwaka, Madang, Morobe, MB, NCD, NI, Oro, SH, Simbu, WS, Western, WH, WNB
Quarantine facilities	12	203	ARoB, EH, ENB, Enga, Hela, Madang, Manus, Morobe, NCD, SH, Simbu, WH
Isolation facilities	16	309	ARoB, EH, ENB, Enga, Hela, Madang, Manus, Morobe, MB, NCD, SH, Simbu, WS, Western, WH, WNB
Intensive Care Unit	16	93	AROB, EH, ENB, Enga, Gulf, Hela, Madang, Manus, Morobe, MB, NCD, SH, Simbu, WS, Western, WNB

Autonomous Region of Bougainville (ARoB), East Sepik (ES), East New Britain (ENB), Eastern Highlands (EH), Milne Bay (MB), National Capital District (NCD), New Ireland (NI), Southern Highlands (SH), West New Britain (WNB), Western Highlands (WH), West Sepik (WS)

Communication, Community Engagement and Non-Pharmaceutical Interventions (Social Measures) – NIUPELA PASIN

- The regional church leaders' sensitization workshop for the Highlands was held on 9-10 September. The PNG Council of Churches organized this to coordinate church leadership involvement in raising awareness on the New Normal way of life in the COVID-19 pandemic. WHO and UNICEF provided technical support.
- A team from NCD Health, WHO and World Vision met with community leaders and members of Kukipi settlement at 9 Mile in NCD to discuss COVID-19 and explore options for home isolation. A separate visit was done at Hanuabada village in Central province as part of the community approach to the COVID-19 response.
- The National Control Centre under the leadership of the National Pandemic Response Controller David Manning presented 10 boxes of face masks containing 20,000 face masks and five boxes of hand sanitisers containing 160 500ml bottles and a box of Covid-19 T-Shirts to the youths and community members at the Two-Mile settlement in Port Moresby. This community has initiated activities for Niupela Pasin, including sewing and providing face masks to those who could not afford and providing water and soap for hand washing.

Table 7. Monitoring of NPIs Implemented in Papua New Guinea

Social Measures	Monitoring Status					
	Date first implemented	Date last modified	Implementation		Partial lift	Lifted
			Geographical (national or sub-national)	Recommended or Required	Lifted for some area	Lifted for all areas
Hand Hygiene and Respiratory Etiquette	16 January*	3 September	National	Recommended		
Wearing Face Masks	29 July	3 September	Sub-national**	Required		
School Closure	23 March	17 August	Sub-national	Required		√
Workplace Closure	23 March	3 September	National***	Required		
Mass Gatherings	23 March	3 September	National	Required		
Stay at Home	23 March	3 September	Sub-national****	Required		
Restrictions on Internal Movement (within country)	23 March	3 September	National	Required		
Restrictions on International Travel	14 February	3 September	National	Required		

* First social media post done; ** In National Capital District only; ***Only selected type of establishments; **** Curfew in NCD between 12 to 5 am

Logistics and Supplies

- The NCC Logistics Team plans to develop TOR for an assessment of the COVID-19 supply chain and an Action Plan to support utilization of mSupply for COVID-19 for proper inventory management and accountability. Training of provincial healthcare workers on proper PPE storage, management and use of mSupply is being considered. Some of the tools developed and are currently in use include online Google charts on provincial dispatches, SOP for packing and distribution, ordering forms, dispatch notes and stocktake sheets.
- WHO encourages partners to utilize the COVID-19 Supply Portal accessible at <https://covid-19-response.org/>. The Portal is a purpose-built tool to facilitate requests for critical supplies by national authorities and partners. The requests are assigned to purchasing agencies that can execute the order and process it, utilizing existing ordering systems.

Table 8. Distribution of UTM's to provinces as of 31 August 2020

Region	Province (District)	Total Supplied	Region	Province (District) / Facility	Total Supplied
Southern Region	Central	440	Momase Region	East Sepik	1 150
	Gulf	430		Madang	1 210
	Milne Bay	1 010		Morobe	2 160
	Oro	10 101		West Sepik	1 950
	Western (Daru)	2 250	New Guinea Islands Region	AROB	2 200
	Western (Kiunga)	700		East New Britain	2 350
	Western (Tabubil)	2 550		Manus	990
Highlands Region	Eastern Highlands	1 390	Facilities	New Ireland	1 190
	Enga	830		West New Britain	1 560
	Hela	1 250	NCD-PHA	990	
	Jiwaka	800	NCD-Rita Flynn	2 950	
	Simbu	790	NCD-RRT	450	
	Southern Highlands	750	PMGH	1 220	
	Western Highlands	930	* 9 300 stock-on-hand at national level		

Table 9. Distribution of GenExpert Cartridges to Provinces

Region	Province (District)	Total Supplied	Region	Province (District) / Facility	Total Supplied
Southern Region	Central	80	Momase Region	East Sepik	170
	Gulf	90		Madang	110
	Milne Bay	110		Morobe	210
	Oro	110		West Sepik	170
	Western (Daru)	170	New Guinea Islands Region	AROB	120
	Western (Kiunga)	50		East New Britain	110
	Western (Tabubil)	410		Manus	110
Highlands Region	Eastern Highlands	110	Facilities	New Ireland	60
	Enga	110		West New Britain	110
	Hela	110	NCD-PHA	1 004	
	Jiwaka	110	PMGH	1 036	
	Simbu	110			
	Southern Highlands	170			
	Western Highlands	170			

Funding and Expenditure

- Below is a summary of COVID-19 funding and expenditure by fund source as of 4 September. The table below pertains only to funds that were held and transacted through the NDOH Health Services Improvement Program (HSIP) Trust Account, thus not comprehensive to cover all COVID-19 support made available to the country and provinces through other modalities (e.g. funding through UN Agencies, etc.). Under the HSIP Trust Account, the total available funds from all sources is PGK 73 635 786.

Table 10. COVID-19 Funding and Expenditure Summary by Fund Source as of 4 September 2020

No.	Funding Source	Initial Amount	YTD Expend	O/S Commitments	Balance Available
1	GoPNG NDoH 2019 HIV/AIDS Reprogrammed Funds	3 299 651	2 633 631	666 020	-
2	GoPNG COVID-19 Funds 2020 from Treasury 2020	43 300 000	36 615 307	6 684 693	-
3	GoPNG COVID-19 Funds 2020 from Treasury (NOC)	2 000 000	1 732 546	267 454	-
4	GoPNG New COVID-19 Funds 2020 for PHAs	37 000 000	-	-	37 000 000
5	GoPNG New COVID-19 Funds for NDOH Clusters	30 000 000	-	-	30 000 000
6	DFAT Emergency COVID-19 Funding	24 800 967	18 250 000	1 000 000	5 550 967
7	UNICEF Contribution to COVID-19	368 480	142 048	-	226 432
8	WHO COVID-19 Surveillance Funds (for 22 Provinces)	634 240	634 240	-	0
9	Private Sponsors	1 181 001	1 108 500	1 500	71 001
10	New Zealand Government	6 298 800	5 990 000	-	308 800
11	UNFPA Support to COVID-19 Emergency Response	549 580	70 994	-	478 587
	Total Funds in HSIP	149 432 719	67 177 267	8 619 667	73 635 786

Best Practice/Lessons Learned

Response Enabling Factors and Adjustments to the Response

- The National Control Centre is the body established under the National Pandemic Act, 2020 Section 6 with the mandated role to drive the operational, administrative and ancillary coordination support during the time of the declared pandemic. The NCC Operational Blueprint allows the NCC to objectively monitor its role in coordinating the national response efforts according to identified key objectives and strategies in a given time (i.e. 4 weeks). Results of the implementation review are used in recalibrating the response and the strategies.
- Testing is critical in assessing the transmission of COVID-19 in the country. With minimal testing and low reporting among the provinces, various aspects of the response remain uninformed. Targeted public messaging is critical to encourage the public to present themselves for testing.
- The quality and flow of information are important determinants of successful planning and response. As clusters tend to have separate sets of monitoring indicators, it is critical to identify opportunities to streamline and synergize in order to lessen the burden of reporting given to provinces.
- Continuous engagement and coordination with various stakeholders and development partners result to identification of areas of pandemic response where support is required. The regular Health Cluster meetings are important avenue to mobilize support from partners. Many of these partners do not only provide support for COVID-19, but also provide essential health services, including HIV counselling, testing and antiretroviral therapy services, TB treatment and family health services (maternal and child health, family planning and immunization).
- The COVID-19 response in PNG is updated on the NDOH's website. Weekly national situation report is issued and made accessible at <https://covid19.info.gov.pg/>.

ANNEX A – Provincial Updates

* Health workforce includes medical doctors, health extension officers, pharmacists, dentists, nurses, community health workers, allied health professionals, medical laboratory staff, health support staff, health administrative staff, management, and unattached.

UPDATED 13 September 2020	Southern Region					
	Western	Gulf	Central	NCD	Milne Bay	Oro
Total Provincial Population	299,351	190,153	317,847	449,469	347,546	236,700
Incident Management and Planning						
PCC functioning (Yes = 1; No = 0)	1	1	1	1	1	1
PEOC functioning (Yes = 1; No = 0)	1	1	1	1	1	1
Surveillance						
No. of trained rapid response teams	1	0	1	1	4	1
No. of trained contact tracing teams	0	0	1	1	1	1
No. of trained quarantine teams	1	0	1	1	1	1
Laboratory / Waste Management						
No. of available swabs/UTMs	800/166	10	340	700	376	250
No. of functioning GeneXpert machines	3	3	2	3	1	1
No. of available GeneXpert cartridges	13	29	20	0	60	38
No. of GeneXpert – trained staff	3	2	1	CPHL	2	2
No. of functioning biosafety cabinets	0	1	1	1	1	1
No. of functioning incinerators	0	1	0	1	0	0
Clinical Management						
No. established pre-triage sites	8	1	3	18	6	2
No. quarantine beds	0	0	0	Hotels	0	0
No. of quarantine beds per 10,000 population	0.00	0.00	0.00	-	0.00	0.00
No. isolation ward beds	24	0	0	76	7	0
No. of isolation beds per 10,000 population	0.80	0.00	0.00	1.69	0.20	0.00
No. inpatient beds at provincial hospital	109	36	19	1096	160	109
Critical Care						
No. ICU beds	4	3	0	4	2	0
No. of ICU beds per 10,000 population	0.13	0.16	0.00	0.09	0.06	0.00
No. of functioning oxygen concentrators	0	0	1		0	0
No. functioning ventilators	0	0	0	2	0	0
No. of nurses trained in critical care	2	1	9	135	20	4
No. of anaesthetists	5			7	1	
No. of anaesthetic scientific officer	1	2	5	2	2	2
Workforce						
No. of doctors	9	6	0	244	20	10
No. of nurses and midwives	19	48	13	704	264	80
No. of health extension officers	2	8	35	6	29	9
No. of community health workers	40	88	198	282	493	107
Total clinical workforce COVID-19 trained	71	30	276	94	94	34
Total health workforce *	258	281	316	274	1163	302

UPDATED 13 September 2020	New Guinea Island Region				
	WNB	ENB	Manus	NI	ARoB
Total Provincial Population	348,596	375,875	66,918	218,472	334,162
Incident Management and Planning					
PCC functioning (Yes = 1; No = 0)		1	1	1	1
PEOC functioning (Yes = 1; No = 0)	0	1	1	1	1
Surveillance					
No. of trained rapid response teams	2	3	2	4	3
No. of trained contact tracing teams	2	3	2	4	3
No. of trained quarantine teams	2	3	2	4	
Laboratory / Waste Management					
No. of available swabs/UTMs	20	1087	300	328	450
No. of functioning GeneXpert machines	2	2	1	2	2
No. of available GeneXpert cartridges	20	82	48	48	0
No. of GeneXpert – trained staff	5	6	5	4	0
No. of functioning biosafety cabinets	1	0	1	1	0
No. of functioning incinerators	1	1	1	1	0
Clinical Management					
No. established pre-triage sites	3	5	0	1	3
No. quarantine beds	0	32	24	0	28
No. of quarantine beds per 10,000 population	0.00	0.85	3.59	0.00	0.84
No. isolation ward beds	4	5	6	0	8
No. of isolation beds per 10,000 population	0.11	0.13	0.90	0.00	0.24
No. inpatient beds at provincial hospital	271	213	92	106	
Critical Care					
No. ICU beds	1	3	2	0	4
No. of ICU beds per 10,000 population	0.03	0.08	0.30	0.00	0.12
No. of functioning oxygen concentrators	2	8	0	0	0
No. functioning ventilators	2	2	0	0	0
No. of nurses trained in critical care	6	16	3	8	6
No. of anaesthetists	2	7	1	2	3
No. of anaesthetic scientific officer	0	2	0	0	
Workforce					
No. of doctors	15	19	6	16	10
No. of nurses and midwives	171	254	64	209	94
No. of health extension officers	52	23	13	31	3
No. of community health workers	247	257	81	192	71
Total clinical workforce COVID-19 trained	328	236	89	320	37
Total health workforce *	749	895	292	611	235

UPDATED 13 September 2020	Momase Region			
	Morobe	Madang	WSP	ESP
Total Provincial Population	926,432	719,869	316,533	644,053
Incident Management and Planning				
PCC functioning (Yes = 1; No = 0)	1	1	1	1
PEOC functioning (Yes = 1; No = 0)	1	1	1	1
Surveillance				
No. of trained rapid response teams	2	2	1	1
No. of trained contact tracing teams	2	1	1	1
No. of trained quarantine teams	2	1	1	1
Laboratory / Waste Management				
No. of available swabs/UTMs	103	103	450	
No. of functioning GeneXpert machines	5	4	2	2
No. of available GeneXpert cartridges	135	135	11	5
No. of GeneXpert – trained staff		2		2
No. of functioning biosafety cabinets	1	2	1	0
No. of functioning incinerators	1	0	0	0
Clinical Management				
No. established pre-triage sites	>6	1	4	8
No. quarantine beds	47	12		
No. of quarantine beds per 10,000 population	0.51	0.17	0.00	0.00
No. isolation ward beds	120	18	4	
No. of isolation beds per 10,000 population	1.30	0.25	0.13	0.00
No. inpatient beds at provincial hospital	560	281	96	254
Critical Care				
No. ICU beds	19	5	4	
No. of ICU beds per 10,000 population	0.21	0.07	0.13	0.00
No. of functioning oxygen concentrators				
No. functioning ventilators				
No. of nurses trained in critical care	30	3	7	14
No. of anaesthetists	2	3	2	3
No. of anaesthetic scientific officer	4	1		1
Workforce				
No. of doctors	48	22	10	17
No. of nurses and midwives	443	223	119	158
No. of health extension officers	11	28	19	21
No. of community health workers	143	390	332	243
Total clinical workforce COVID-19 trained	425	346	200	92
Total health workforce *	920	905	691	724

UPDATED 13 September 2020	Highlands Region						
	EHP	Simbu	Jiwaka	Hela	WHP	Enga	SHP
Total Provincial Population	717,957	378,381	332,619	304,955	442,638	480,691	651,001
Incident Management and Planning							
PCC functioning (Yes = 1; No = 0)				1	1	1	
PEOC functioning (Yes = 1; No = 0)	1	1	1	1	1	1	1
Surveillance							
No. of trained rapid response teams	2	7	1	1	1	10	1
No. of trained contact tracing teams	2	8		1	1	1	5
No. of trained quarantine teams	1	2		1	1	1	5
Laboratory / Waste Management							
No. of available swabs/UTMs		550	150	400	350	100	100/100
No. of functioning GeneXpert machines	4	9	1	1	4	3	2
No. of available GeneXpert cartridges	38	83	50	36	61	8	20
No. of GeneXpert – trained staff		3	3	3	10	6	40
No. of functioning biosafety cabinets	1	1	1	0	2	1	1
No. of functioning incinerators	0	1	1	1	1	3	1
Clinical Management							
No. established pre-triage sites	1	7		2	7	3	3
No. quarantine beds	14	10		6	10	10	10
No. of quarantine beds per 10,000 population	0.19	0.26	0.00	0.20	0.23	0.21	0.15
No. isolation ward beds	5	1		6	11	10	4
No. of isolation beds per 10,000 population	0.07	0.03	0.00	0.20	0.25	0.21	0.06
No. inpatient beds at provincial hospital	306	560	129	86	252	86	425
Critical Care							
No. ICU beds	12	8	0	6	0	10	6
No. of ICU beds per 10,000 population	0.17	0.21	0.00	0.20	0.09	0.21	0.09
No. of functioning oxygen concentrators		6		1	7	3	
No. functioning ventilators		5	0	0	1	0	
No. of nurses trained in critical care	60	6	1	1	30	8	9
No. of anaesthetists	9	30	4	0	0	0	5
No. of anaesthetic scientific officer	3	4	3	2	5	3	
Workforce							
No. of doctors	28	30	1	9	35	34	18
No. of nurses and midwives	222	305	146	86	217	163	151
No. of health extension officers	15	15	8	13	13	34	10
No. of community health workers	371	197	102	80	293	226	189
Total clinical workforce COVID-19 trained	114	431	73	81	112	169	367
Total health workforce *	899	495	309	214	852	761	857

Updated in the past 7 days

incomplete/pending / not reported

ANNEX B – Photos



Photo 1. Chief Superintendent Dominic Kakas of the Joint Agency Task Force Media and Public Information Team presenting donated items at the 2-Mile settlement in Port Moresby



Photo 2. Health Operations meeting held every Monday, Wednesday and Friday at the National Control Centre in Morauta Haus



Photos 3-4. AUSMAT conducted simulation exercises at Gerehu Hospital for clinical system needs analysis and collaborative relationship development building discussions (Photo credit: Australian High Commission)



Photos 5-8. Conduct of two virtual conference trainings on 10 and 11 September for the upcoming Supplementary Immunization Activity (SIA) for polio



Photos 9-10. Community engagement activities in Kukipi settlement at 9 Mile in the National Capital District



Photos 11-12. Communication with various stakeholders (e.g. Kavieng Town Authority, Police, District Administration and Provincial Administration) on the reopening of the main market in New Ireland Province



Photos 13-14. PNG Water doing piping for the hand washing basins at the Kavieng Market as part of PCC measures in New Ireland Province

ANNEX C – Risk Communication Materials



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