

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 16 August, Papua New Guinea has a total of 323 COVID-19 cases from ten provinces and three reported deaths. From the period of 10 -16 August, there were 109 new cases.
- ❑ Contact tracing is ongoing for all the cases confirmed.
- ❑ To support improvement of the surveillance system and reporting from provinces to the National Control Centre, the Surveillance Team has circulated the following to provinces: (1) sample collection package; (2) contact tracing package; (3) provincial indicator reporting; and, (4) new Case Investigation Form.
- ❑ The National COVID-19 Health and Research Advisory Committee (NCHRA) held a meeting on 10 August and provided recommendations to Government of Papua New Guinea and the National Control Centre.
- ❑ Lockdown in Port Moresby was extended up to 16 August 2020. New National Pandemic Measures were issued on 13 August which revoked all measures issued prior to 17 August.
- ❑ The urban clinics in National Capital District (i.e. 6 Mile, 9 Mile, Gordons, Lawes Road, Pari and Tokarara) and the drive-through clinic at Taurama Aquatic Centre continue to collect samples for COVID-19 testing.
- ❑ The National Control Centre COVID-19 Operational Blueprint was finalised and endorsed by the Controller, aimed at facilitating the transition from the National Operations Centre to the National Control Centre. The document lays out the operational structure for all agencies involved in the COVID-19 response and identifies priority activities.

**Table 1. COVID-19 IN PAPUA NEW GUINEA**

	New Cases	Total
National Capital District	32	221
Western	75	85
Central	1	5
Morobe	1	5
East New Britain	0	2
AROB	0	1
Eastern Highlands	0	1
New Ireland	0	1
Sandaun	0	1
Southern Highlands	0	1
<b>TOTAL</b>	<b>109</b>	<b>323</b>

**Table 2. COVID-19 GLOBAL AND REGIONAL UPDATE<sup>1</sup>**

	Confirmed Cases	Deaths
Global	21 294 845	761 779
Western Pacific	409 589	9 293

<sup>1</sup> WHO Situation Report # 209, Data as of 16 August 2020

## Upcoming Events and Priorities

- ❑ **Coordination:** Through the Pandemic Response Coordination Group, monitoring of the implementation of the NCC Operational Blueprint shall be done. The document shall be reviewed every four weeks and revised as needed. Daily situation reports are submitted by clusters to capture progress, challenges and proposed solutions in relation to priority activities. Economic response measures shall be included in the Operational Blueprint after the scheduled first review on 6 September. The Health Operations Team is also in the process of reviewing and updating the COVID-19 Emergency Response Plan.
- ❑ **Surveillance:** Sample collection in urban clinics in NCD, at the drive-through clinic at Taurama Aquatic Center and at Rita Flynn Facility will continue, to be supported by advocacy and targeted messaging. Other urban clinics are being prepared to initiate swabbing. Contact tracing is ongoing for all the cases confirmed in the recent week. Surveillance Team will organize calls with all the regions to touch base with Provincial Surveillance Teams on indicator report. Weekly Surveillance Bulletins will be issued regularly. The COVID-19 GeneXpert Testing Criteria and Notification Process are being finalized. There is also ongoing work on developing Electronic Health Declaration Form with linkage to quarantine monitoring database.
- ❑ **Case Management and Infection Prevention and Control:** The National Control Centre, with support from WHO, targets to finalise this week the National Guidelines on Clinical Management for COVID-19 Cases to standardize the delivery of COVID-19 clinical management across all provinces and ensure that evidence-based care is delivered as per the emerging findings. The NCD PHA is also exploring options for non-health facility and community-based isolation. Printing and distribution of the National IPC Policy and Guidelines is underway.
- ❑ **Risk Communication & Non-Pharmaceutical Interventions (NPIs):** Political and community leaders are continuously being engaged. Media, including social media, are being used to encourage behaviour change in hygiene practice, symptoms monitoring, staying at home when feeling unwell and reporting to the national hotline. The Niupela Pasin cluster will follow through the support requested from partners in the enforcement of national pandemic measures and

the National Control Centre to monitor weekly progress and compliance against targets on the implementation of the recommended measures by establishments. Training continues for civil society organizations in risk communication.

## National Transmission Assessment

### 3 – Large-scale community transmission

Cases continue to increase rapidly in Papua New Guinea despite low testing. In the past 14 days, 212 newly confirmed cases have been reported with now 10 out of 22 provinces affected, of which 5 reported COVID-19 cases for the first time. Of these new cases in the past 14 days, 123 (58%) have been reported from all 3 districts of NCD, but majority of these are not epidemiologically linked (investigations are still ongoing) which indicates wide-spread community transmission in NCD. Western Province has a large localised cluster. Morobe has one of its five cases with no epidemiological link. The seven other provinces have reported 1 to 2 sporadic cases, with majority having travel history from Port Moresby or contact with a positive case from Port Moresby demonstrating the extent of transmission in the National Capital District. With lack of movement restriction and low compliance to non-pharmaceutical interventions in Port Moresby, rapid increase in cases is expected and 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 <b>1922</b> NAT Tests past 7 days	Cases <b>109</b> New cases past 7 days	Deaths <b>0</b> Deaths past 7 days	ICU Admissions <b>1</b> ICU Admissions past 7 days
<b>13361</b> Cumulative NAT Tests	<b>323</b> Cumulative Cases	<b>3</b> Cumulative Deaths	<b>7</b> Cumulative ICU Admissions
<b>0</b> Imported Cases in past 28 days	<b>100*</b> Cases in past 14 days with no link	<b>4*</b> Active Clusters	<b>*</b> Active clusters with >3 generations

### Health Service Provision COVID-19

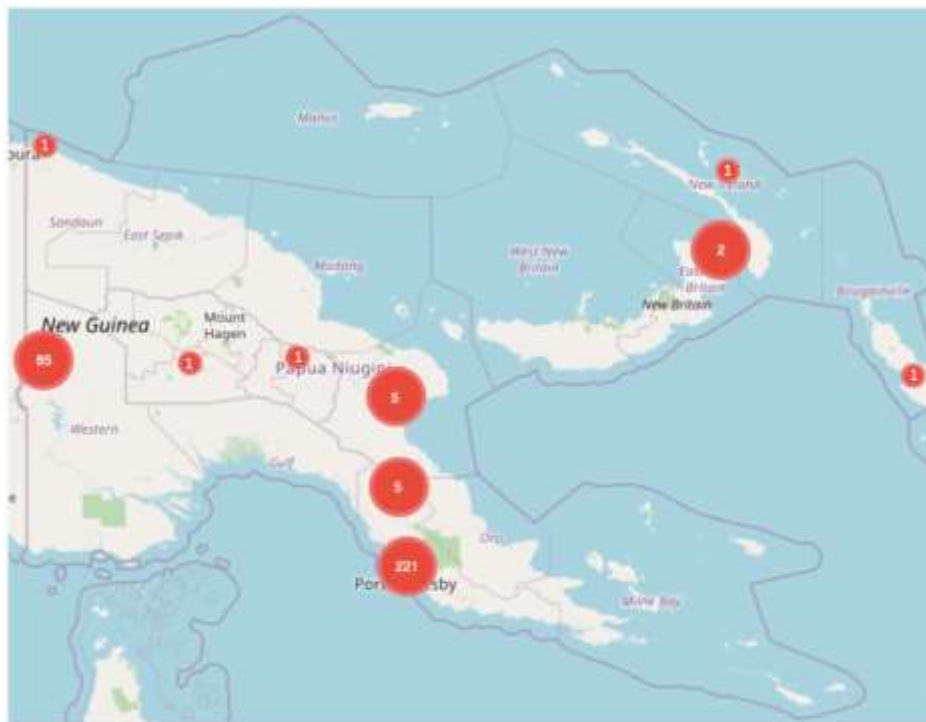
<b>4530</b> Health care workers trained in COVID19 Case Management	<b>2**</b> Healthcare worker cases reported past week	<b>1</b> Hospitals admitting COVID-19 patients	<b>70</b> ICU beds for COVID-19 patients	<b>&gt;381</b> Non-ICU Hospital beds for COVID19 patients
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\* Case investigations are ongoing; \*\*Includes NDOH staff

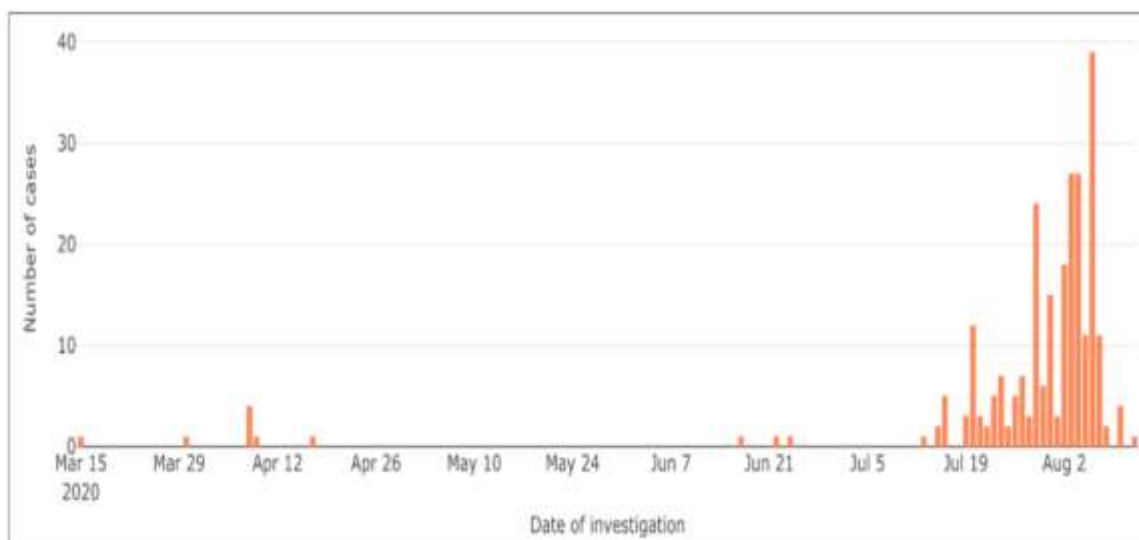
## Epidemiology

- 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 14 August, Papua Province has reported a total of 3311 confirmed cases and 36 deaths (data accessible at <https://covid19.papua.go.id/>).

- There are now confirmed COVID-19 cases reported in ten provinces of Papua New Guinea: National Capital District, Autonomous Region of Bougainville, Eastern Highlands, East New Britain, Morobe, New Ireland, Sandaun, Southern Highlands and Western.
- Women account for 35% of confirmed cases while 65% of cases are male. Age range of confirmed cases in PNG is from 1 to 84 years old with mean of 39 years old.
- In the past 14 days, majority of cases were reported from NCD due to enhanced testing from 10 NCD health facilities or testing sites. From 31 July to 15 August, these facilities collected 1296 specimens.
- There is a large cluster of cases in Western Province involving Ok Tedi Mining Limited (OTML) site. From 13 – 15 August, 950 samples were collected from employees and 82 were confirmed positive (awaiting 40 Case Investigation Forms).



**Figure 1. Distribution of Confirmed COVID-19 Cases in Papua New Guinea, March to 16 August 2020**



**Figure 2. Epi Curve of COVID-19 cases in Papua New Guinea, April to 13 August 2020**

## Strategic Approach

### National and Provincial Public Health Response

- The Pandemic Response Coordination Group and the Health Operations Team continue to meet daily.
- New National Pandemic Measures were issued on 13 August which revoke all measures issued prior to 17 August. Measure No 11 (Public Transport) came into effect on 13 August which orders that in Port Moresby and Central Province, public transport may operate with maximum passengers of 15 on 25-35 capacity vehicles and 5 passengers for all other public transport vehicles. For the rest of the measures, the changes made were: (1) no restriction on domestic flights in Measure No 3; and, (2) removal of schools from exemption of the establishment for purpose of mandatory mask wearing in Port Moresby. The Ministry of Education announced that schools will resume on 17 August.
- The National Control Centre COVID-19 Operational Blueprint was finalised and endorsed by the Controller, aimed at facilitating the transition from the National Operations Centre to the National Control Centre. The document lays out the operational structure for all agencies involved in the COVID-19 response and identifies priority activities.
- The National COVID-19 Health and Research Advisory Committee (NCHRA) held a meeting on 10 August and provided the following recommendations: (1) adopting specific measures for schools, public transport, markets and public gatherings; (2) the Committee to decide on the cause of death in the event of a positive test for COVID-19 with proper consultation; (3) actively conduct risk communication and enhance community engagement; and (4) National Control Centre to assist with the establishment of a fully functioning Secretariat at the Medical School. Other recommendations were: (1) develop MoA with VITIS and other local alcohol distillers to produce cheaper and reliable supplies of alcohol hand sanitizers to be made widely available; (2) ensure other programs are funded and running concurrently, including TB, HIV, Malaria, etc.; and (3) ensure drug shortages are rectified and provide adequate supplies of PPEs, consumables, non-consumables, equipment and other supplies.
- Partners in private, public and NGO sectors are welcome to support the COVID-19 response, especially in Niupela Pasin Cluster to enforce implementation of Niupela Pasin. All partners were requested to contact NDoH, NCC or WHO for coordination of support.

### Surveillance and Points of Entry

- For the period of 7 to 14 August, the COVID-19 National Hotline received 5180 calls. All the 152 (3%) health-related calls were referred to the Rapid Response Team. To date, the Hotline received 97 126 calls.
- The COVID-19 National Control Centre Hotline (1800200) has adjusted its operations from 6 am to 10 pm. Any medical emergency outside of these hours are referred to the nearest hospital or ambulance services.
- Surveillance updates are disseminated daily to provinces by the Surveillance and Epi Team of the National Control Centre.
- 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.
- Circular No 22/2020 was issued by National Capital District (NCD) Provincial Health Authority instructing that the roll out of COVID-19 pre-triage screening and sample collection must continue. NCD is expected to collect up to 1000 samples per day. The urban clinics in National Capital District (i.e. 6 Mile, 9 Mile, Gordons, Lawes Road, Pari and Tokarara) and the drive-through clinic at Taurama Aquatic Centre continue to collect samples for COVID-19 testing.
- A letter was issued to the provinces regarding 'Priority Test Criteria for GeneXpert PCR Testing at Provincial Level' to optimise the limited GeneXpert cartridges available in the country. Majority of suspected COVID-19 cases must have their nasopharyngeal specimens collected and subjected to laboratory PCR testing. See Annex B.

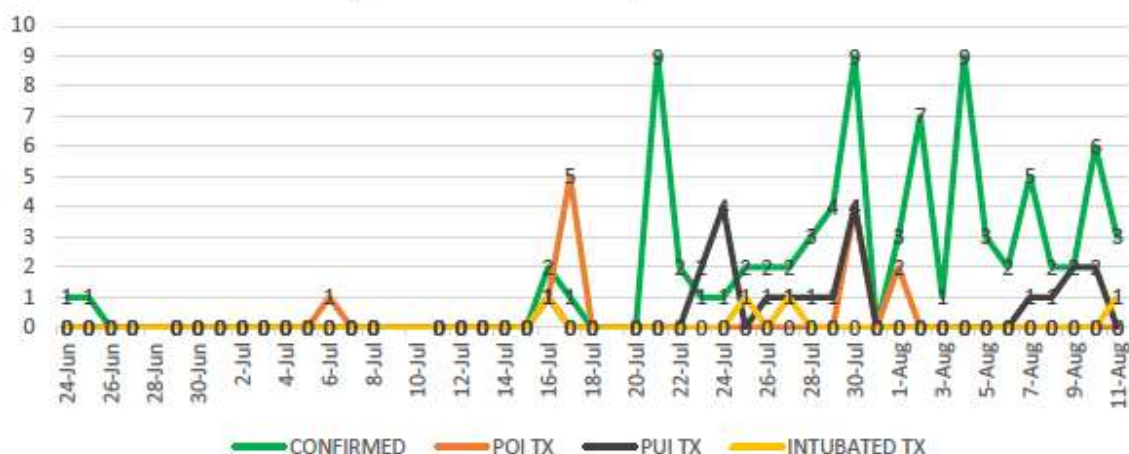
**Table 3. Persons Screened by Point of Entry**

Total Number of Travelers Screened before SOE (until 22 March)	29 387	
Total Number of Travelers Screened during SOE (23 March – 16 June)	3779	
Total Number of Travelers Screened after SOE (17 June – 15 August) * 3 passengers and the rest are crew	Air	2546
	Sea*	296
	Land	6
	Total	2848

## COVID-19 Prevention, Detection and Control

- For the recent cases detected, the Provincial Health Authorities are leading the case investigation and contact tracing with support from the National Control Centre and WHO.
- The National Control Centre, with support from WHO, targets to finalise this week the National Guidelines on Clinical Management for COVID-19 Cases to standardize the delivery of COVID-19 clinical management across all provinces and ensure that evidence-based care is delivered as per the emerging findings.
- The country is strengthening its patient care pathways, including screening and triage, early diagnosis and isolation, and quality assurance and improvement (QA/QI) of care, provision of intensive care for the cases to reduce mortality, and preventing nosocomial infection at healthcare facilities. IPC strengthening activities are also ongoing.
- With the anticipation that the Rita Flynn Isolation Facility will reach its maximum capacity of 70 soon, the NCD PHA, NCC and partners are working together to convert the Taurama Aquatic Centre to a 300-bed capacity facility.
- On 12 August, 38 members of the Papua New Guinea Defence Force (PNGDF) Medical Corps underwent a practical training session on COVID-19 epidemiology, infection prevention and control, case investigation form completion and sample collection technique. The PNGDF trainees comprised of community health workers, nurses, health extension officers, radiographers and laboratory staff. The hands-on-training was facilitated by a team of specialists from NDOH and WHO and is part of the ongoing support to strengthen the PNGDF national response to COVID-19.
- Three specialists from the Australian Medical Assistance Team (AusMAT) were involved in a Q&A session with PMGH nurse managers and nurse leaders on the hospital's response to COVID-19. The session was part of the ongoing support and mentorship to PMGH to strengthen systems and empower staff to feel comfortable in their critical frontline roles.
- NDoH and WHO have partnered with the Australian Government (DFAT), John Staff and Burnet Institute in launching an essential online training program for healthcare workers in PNG for COVID-19. The training contains practical resources and scenarios that are tailored to the needs of the country, especially for both clinical and administrative staff.
- NDoH leads servicing the existing essential health equipment such as ventilators and equipment for oxygen therapy in the provinces. The NDOH has also cleared specifications for incinerators, developed a distribution list for equipment in pipeline and tested equipment for distribution to provinces.
- St. John Ambulance continues to provide critical service during COVID-19 response: (1) ambulance services for people with (or being investigated for) COVID-19; (2) contact tracing assistance to NCD PHA; (3) operating drive-through swabbing centre; (4) warehousing for PPEs; (5) ambulance services for emergency; and (6) providing medical care for people in quarantine. Figure 3 presents COVID-19 ambulance transports provided by St. John's Ambulance between 24 June and 11 August.

**Figure 3. Daily Ambulance Transports for People Suspected or Confirmed to have COVID-19, 24 June–11 August 2020**  
(Source: St John Ambulance)





**Table 4. Trainings under the NDOH-UNICEF PNG COVID-19 Emergency Response Project (funded by World Bank)**

No	Province	Date	No. of Batches	No. of Healthcare Workers and Programme Managers Trained
1	Western Highlands	23 – 25 June	1	21
2	Jiwaka	30 June – 02 July	2	38
3	Central	06 – 08 July	2	37
4	Simbu	07 – 09 July	1	20
5	Central	27 – 29 July	1	18

**Table 5. Number of Health Care Workers Trained by Province**

Province			Province		
No.	MOMASE REGION	Total	No.	NEW GUINEA ISLANDS REGION	Total
1	Madang	346	12	ARoB	37
2	Morobe	425	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	114	No.	SOUTHERN REGION	
6	Enga	132	17	Central	331
7	Hela	81	18	Gulf	30
8	Jiwaka	111	19	Milne Bay	94
9	Simbu	20	20	NCD	269
10	Southern Highlands	367	21	Oro	34
11	Western Highlands	803	22	Western	71

**Table 6. Number of Facilities and Beds for COVID-19 as of 16 August 2020**

Health Facilities	Number of Provinces	Number of Facilities	Number of Beds	Provinces that Reported
Pre-triage facilities	18	78	N/A	ARoB, ENB, NI, WNB, ES, Madang, Morobe, WS, EH, Enga, Hela, SH, WH, Central, Gulf, NCD, Oro, Western
Quarantine facilities	14	19	>160	ARoB, ENB, Manus, NI, Madang, Morobe, EH, Hela, Jiwaka, SH, NCD, Oro, Western
Quarantine facilities (underway)	14	17	>99	ARoB, ENB, Manus, WNB, ES, Madang, WS, EH, Hela, SH, WH, Central, Gulf, NCD, Western
Isolation facilities	18	25	>381	ARoB, ENB, Manus, NI, WNB, ES, Madang, Morobe, WS, EH, Hela, Jiwaka, WH, Gulf, MB, NCD, Oro, Western
Isolation facilities (underway)	14	26	> 66	ARoB, Manus, Madang, Morobe, WS, EH, Enga, Hela, SH, WH, Central, MB, NCD, Oro, Western
Intensive Care Unit	14	15	70	ENB, Manus, WNB, Madang, Morobe, EH, Hela, Simbu, SH, WH, MB, NCD, Western
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) – NIUELA PASIN

- NDOH Incident Manager regularly joins a TV and radio show on NBC with Minister for Information and Communication Technology every Monday, Wednesday and Friday. It is a platform to update on the situation, and remind the public on prevention measures such as: (1) avoiding crowded places and limit time in enclosed spaces; (2) maintaining at least 1.5 m distance from others; (3) open windows and doors for ventilation when possible; (4) keeping hands clean and cover coughs and sneezes; (5) mandatory wearing of face masks in public; and (6) frequent hand washing.
- The National Capital District Provincial Health Authority scaled up risk communication and community engagement in the capital city. Series of trainings and community outreach were conducted covering all zones. For the period of 11 to 14 August, NCD PHA engaged 30 communities in Moresby South (4568 people reached), 24 communities in Moresby North East (5072 people reached) and 26 communities in Moresby North West (3428 people reached).
- NDOH and WHO continue to support NCD PHA and NGO partners based in Port Moresby in the training for risk communication and Niupela Pasin. Between 11 and 14 August, the following were trained: 48 PNG Leprosy Mission volunteers and staff, 11 members of the Anglicare PNG WASH and Health Team, 27 Hope World Wide volunteers and staff, and 30 Child Fund volunteers and staff.
- Technical support for communications provided to other PHAs by NDOH and NDOH, as part of the messaging for preparedness and response.
- The Business Council of Papua New Guinea expressed their support for the implementation of Niupela Pasin by ensuring that their staff wear masks and they implement proper measures. The Council indicated their commitment in dialogue about the implementation of Niupela Pasin and holding the business sector accountable. The dialogue will be held with over 60 business executives, representing 20 business sectors in agriculture, manufacturing, banking, extractives as well as 16 provincial chambers and several districts.
- With support from WHO, UNICEF, USAID, Australian and New Zealand Governments, public service announcements on Niupela Pasin by the National Department of Health and COVID-19 testing continue airing on multiple platforms: TV, radio and social media (Facebook). The two videos have been placed for broadcast during the month of August with a total of 674 spots on EMTV, Radio Light, FM100, Hot97 FM, YUMI FM, Nou FM, Legend FM.
- A total of twenty full-page and centre spread newspaper insertions of the Niupela Pasin and Quarantine messages were placed in the National, Post Courier and Wantok Niuspepa.
- With the support from the World Bank, UNICEF's project sets the 4-minute song video for 116 spots for primetime airing on FM100, Hot 97 FM, TVWAN and EMTV from 17 July to 16 August. The radio and TV stations take up to 95% of the listenership and viewership throughout the country.

**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*	17 August	National	Recommended		
Wearing Face Masks	29 July	17 August	Sub-national**	Required		
School Closure	23 March	17 August	Sub-national	Required		√
Workplace Closure	23 March	17 August	National***	Required		
Mass Gatherings	23 March	17 August	National	Required		
Stay at Home	23 March	17 August	Sub-national	Required		√
Restrictions on Internal Movement (within country)	23 March	17 August	National	Required		√
Restrictions on International Travel	14 February	17 August	National	Required		

\* First social media post done; \*\* In National Capital District only; \*\*\*Only selected type of establishments

## Logistics and Supplies

- 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.
- Four requests for over 20000 cartridges had been submitted to the Supply Portal. Two requests amounting to 18000 cartridges had already been validated as orders, while the rest are still pending validation.
- PPE and IPC supplies forecasting for up to December 2021 has been completed.
- The National Control Centre supplied personal protection equipment to the PNG Correctional Service to prevent spread of COVID-19 in correctional facilities. These included 80000 face masks and 19200 hand sanitizers.
- Two high-level visits to the National COVID-19 stockpile at the Murray Barracks Papua New Guinea Defence Force Warehouse had been made by the PNGDF Commander Major General Gilbert Toropo, NCC Deputy Controller and Acting Health Secretary Dr Paison Dakulala and WHO Representative Dr Luo Dapeng.
- WHO handed over its seventh batch of COVID-19 donation to the National Control Centre which included PPEs (500 gowns, 10 000 gloves, 1 000 face shields, 200 goggles, 120 000 surgical masks and 500 FFP2 masks), 10 000 UTM, 10 000 nasopharyngeal swabs, 18 500 RNA extraction kits and 2 690 GeneXpert cartridges. The cartridges were obtained with support from the Governments of Australia (DFAT) and New Zealand (MFAT).
- Indonesian Embassy has pledged through the Department of Foreign Affairs and International Trade for COVID-19 supplies to support the Government of Papua New Guinea.

## Funding and Expenditure

- Below is a summary of COVID-19 funding and expenditure by fund source as of 24 July. 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.).

**Table 8. COVID-19 Funding and Expenditure Summary by Fund Source as of 13 August 2020**

No.	Funding Source	Initial Amount	YTD Expend	O/S Commitments	Balance Available
1	GoPNG NDoH 2019 HIV/AIDS Reprogrammed Funds	3 299 651	2 628 436	587 242	83 973
2	GoPNG COVID-19 Funds 2020 from Treasury 2020	43 300 000	36 561 808	6 481 096	257 097
3	GoPNG COVID-19 Funds 2020 from Treasury (NOC)	2 000 000	1 732 404	111 403	156 193
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	21 452 845	18 250 000	-	3 202 845
7	UNICEF Contribution to COVID-19	218 728	133 048	-	85 680
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
<b>Total Funds in HSIP</b>		<b>145 934 845</b>	<b>67 109 429</b>	<b>7 181 240</b>	<b>71 644 175</b>



- Total funds received from the Government of Papua New Guinea (GoPNG) 2020 Warrants is PGK 45.3 million. PGK 2.0 million was allocated to NCC activities. Expenditure to date is PGK 38 million (PGK 36.5 million for main activities and PGK 1.7 million for NCC activities). Outstanding commitments stand at PGK 6.6 million. Thus, the available funds out of the GoPNG Funds is PGK 413 290.
- A total of PGK 4.4 million allocated to 22 PHAs was transferred to the provinces via HSIP Subsidiary/Provincial Trust Accounts. Based on expenditure reports received, 97% of GoPNG funds in PHAs have been expended/committed.
- Funds received from New Zealand Aid amounts to PGK 6.29 million. PGK 5.99 million was transferred to the provinces while PGK 308 800 remain in the parent account for monitoring activities.
- New funding from Treasury amounting to PGK 67 million had been received in the HSIP Trust Account awaiting allocation to the Clusters and transfers to Provincial Health Authorities.
- Total amount of PGK 549 580 was received from UNFPA to support COVID-19 training in the UNFPA focus provinces.
- Under the HSIP Trust Account, the total available funds from all sources is PGK 71 644 175.

## Best Practice/Lessons Learned

### Response Enabling Factors and Adjustments to the Response

- 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 also important determinants of successful planning and response.
- Recognising the limitations of the health system, the country takes on a proactive approach in securing additional support. Continuous engagement and coordination with various stakeholders and development partners result to identification of areas of pandemic response where support is required. Partners consistently support procurement of PPE, medical and laboratory supplies to prepare for, detect and respond to the outbreak of COVID-19 in the country. Non-government organizations are also willing to support in community testing, home quarantine and isolation.
- The NCD PHA and National Control Centre are engaging community leaders to earn the trust of their respective communities, support crafting appropriate messaging to explain and encourage testing, and ensure safety of healthcare workers deployed to collect samples in the communities. The PNG Defence Force is also supporting to provide additional human resource for swabbing.
- NDoH and partners continue to 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).
- Provincial profiles are regularly updated based on the responses of provincial authorities to the Provincial Preparedness Checklist. Additional sources of information include the records of assessment for medical and non-medical equipment, laboratory diagnostics, health workforce and financial resources from stakeholders and partners. These are helpful in priority actions to address the identified challenges and difficulties experienced by the provinces.
- 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 – National Pandemic Measures Issued on 12 August 2020

Number	Title	Scope of the National Pandemic Measures Issued on 04 August and 07 August 2020	Modification in the National Pandemic Measures Issued on 12 August 2020
No. 1	Revocation of all previous measures	Revocation of all previous measures prior to 4 August 2020.	Revocation of all previous measures prior to 17 August 2020, except for newly issued Measure No. 11 that came into effect on 13 August 2020.
No. 2	International travel measures	Definition and designation of First Port of Entry; entry of vehicle, vessel or aircraft coming into PNG only through First Port of Entry; entry of persons to PNG (including citizens and permanent residents) by aircraft and vessels; no person is permitted to board an aircraft bound for PNG unless tested for COVID-19 using RT-PCR within 14-day period prior to boarding and have returned negative results; exemption can be given in writing by Controller; suspension of traditional border crossing arrangements (with Indonesia, Australia, FSM, Solomon Islands); boarding of aircraft bound for PNG only with exemption in writing by Controller; quarantine of returning citizens and permanent residents at designated facilities (at Government's cost) or designated hotels (at individuals' cost); quarantine of non-citizens and non-permanent residents at designated hotels (at individuals' cost); self-quarantine of foreign diplomats at appropriate residence for 14 days; approved by the Controller, a person will have seven days quarantine in a designated location in Port Moresby after staying in Queensland, Australia for seven days; persons requiring regular support in daily lives are allowed to be in quarantine with their carer upon arrival overseas together with the suitable arrangement made for accommodation; upon arrival at the designated hotel for quarantine, a person who requires quarantine shall surrender her or his passport to the designated hotel; the hotel is to return the passport upon completion of the quarantine and released by an authorised person; refusal of undertaking the PCR testing will result in extending 14-day quarantine since the date of denial for testing; failure to adhere to self-quarantine as an offence under National Pandemic Act 2020 and declaration as persona non grata of those who fail to comply; quarantine exemption granted by Controller; requirements for compliance for self-isolation and quarantine; conditions for leaving a designated place prior to completion of 14 days; exemption of 23, 24 & 25 for those who travel	No modification

		with a diplomatic travel document or a diplomatic passport; and authorized officials to ensure appropriate levels of surveillance and border monitoring systems. Aircrafts are allowed to come into point of entry in PNG departing from Cairns and Brisbane Airports, and exempted in writing by the Controller. Additional one hotel in Schedule 3 as designated hotel. It was noted that these measures are compliant with the COVID-19 measures issued by the International Civil Aviation Organization.	
No. 3	Domestic travel measures	No person may travel by aircraft from one province to another province in PNG, unless provided an exemption in writing by the Controller or his delegate. No domestic flight may occur from one province in PNG to another province in PNG, unless provided an exemption in writing. The following flights are exempted: cargo flights with no passengers and medivac flights.	No roadblocks are to be established except those directed by the Controller; all domestic flights to comply with: hygiene and social distancing restriction, passengers to complete the Air Passenger Travel Form which are to be submitted to PHA on arrival, and persons must have valid reason to travel including: (1) students returning to their usual place of residence or returning to their educational institutions; (2) persons returning to their usual residence; (3) essential services; (4) seeking medical assistance and medical evacuation; and (5) emergency transport, including but not limited to repatriation of deceased persons. Travel by foot, vehicle and vessel between provinces shall not be restricted unless ordered by Controller. A person or organization that allows a person to board an aircraft in breach of the requirements of all domestic flights shall be deemed to have committed an offence under the National Pandemic Act 2020.
No. 4	Provincial coordination measures	Appointment of Provincial Administrators as authorised officers for implementation of measures in the respective provinces, and the Chief Secretary for ARoB; set-up and composition of Provincial Advisory Committee; the development of Provincial Response Plan consistent with National Response Plan; set up of Provincial Control Centre; daily required reporting of Provincial Administrators to the Controller; observance of safe health and hygiene practices as recommended by NDoH and PHA; and, provisions for provincial authorities to take additional measures such as curfews or fines.	No modification

No. 5	Burial of deceased persons measures	Controller's authority upon request of PMGH or PHA to direct a mass grave, designate its location and direct burial of deceased persons in the designated mass grave as well as requisition of refrigerated shipping containers for the purpose of temporary internment; burial or temporary internment directed by Controller will be at the Government's expense; PMGH or PHA to keep a record of persons interred in a designated grave or designated refrigerated shipping containers taken away from morgue they are responsible for.	No modification
No. 6	Customs duties measures	Exemption from all customs duties and import duties of all incoming medical supplies procured on behalf of the Government until the end of the declaration of the pandemic, and medical supplies shall be given priority and be released without delay.	No modification
No. 7	COVID-19 testing measures	Testing equipment to be used for COVID-19 are RT-PCR, GeneXpert and rapid diagnostic test; approved organizations to conduct testing are NDoH, IMR, PHAs, PMGH, St John Ambulance, OkTedi Mining, Simberi Gold, 2K Medical Clinic, Newcrest Mining, K92 Mining, Sky Health and Medical Services and Morobe Consolidated Goldfields Ltd, Pacific International Hospital and ExxonMobil.	No modification
No. 8	COVID-19 surveillance and testing measures	National case definitions of COVID-19 and Severe Acute Respiratory infection (SARI); all hospitalized/ admitted cases of respiratory illness, including pneumonia and all cases of SARI as suspected COVID-19 cases who should be tested within 24 hours of being admitted and to be managed using COVID-19 IPC protocols; all the health facilities listed in Schedule 2 must set up pre-triage service and ensure IPC measures; all health facilities in Port Moresby to collect samples from COVID-19 suspected cases those who are over 10 years old; the swabbing for testing a minimum of five patients with influenza-like illness symptoms per week; The delegate of the Controller is Deputy Controller, Dr Paison Dakulala; and Schedule 2 for health facilities newly added, including all private urban health facilities, all public health facilities classified as Level 3 and above.	No modification

No. 9	Business and social measures	The curfew is in place between 10 pm and 5 am daily in NCD except for urgent medical care, police assistance, emergencies and persons listed in Schedule 1; closures of venues or part of venues provides nightclubs activities; operation of restaurants and gambling place with hygiene practice; The closure of venues or part of venues that serve alcohol without food; licensed premises that sell takeaway alcohol shall not sell alcohol on Fridays, Saturdays and Sundays; no audience allowed for any clubs or sporting matches; reporting by PNG Sports Foundation is no longer in the measures; immediate closure of Boroko Market; all restaurants to submit information about physical size of restaurant seating areas and seating plans to the PNG Business Council; no professional or club sport teams to participate in matches; no affiliated sporting codes shall train or participate in matches unless with approval from PNG Sports Foundation; responsibilities of PNG Sports Foundation area requirement to submit a weekly report to the Controller; requirements for local religious activities in social distancing and hygiene standards; banning of religious gatherings such as provincial and national church gatherings, crusades, conventions and provincial or national outreach programmes; closures of nightclubs; hand hygiene and other hygiene measures are to be practiced at venues or part of the venues operates for the sales and consumption of alcohol; mandatory wearing of masks or face covering for all the spectators; lifted restriction for licensed gambling venues; ban on gatherings of over 50 persons; and, no chewing of buai in NCD except in private dwellings. Specific measures described for all markets, including maintaining 1.5 m physical distancing and washing hands or use hand sanitizer when people enter and exit into the place of worship.	No modification
No. 10	Mandatory Mask Wearing in Port Moresby	Mandatory mask wearing in Port Moresby effective on 29 July 2020. The measures specified wearing masks or face coverings in enclosed space in establishments (business establishments, health facilities, sporting venues, places of worship, community centres, libraries art galleries, museums, zoos and other similar facilities, convention centres arenas, stadiums, and other event spaces, and government facilities) aircraft, public transport (busses, vessels and taxis), and designated markets. Child care facilities schools and banks are exempted from the establishments for purpose of these measures. Also, there are exemptions for wearing masks for those who are: (1) children under 12; (2)	Removal of schools from exemption of the establishment for purpose of mandatory mask wearing in Port Moresby



		<p>persons with underlying medical conditions which inhibit their ability to wear a mask or face covering, including persons with physical or mental illness or impairment, or disability; (3) persons who are unable to place or remove a mask or face covering without assistance; (4) persons undergoing dental treatment or other medical care to be the extent that the procedure requires that no face covering may be worn; (5) persons within an area of work designated for them and not for public access, and who can work in an environment whereby they work a minimum of 2 metres from any other persons; (6) persons participating in sporting activities; (7) when directed to remove the face covering to ascertain identity; and (8) during emergencies. Furthermore, people are exempted and remove masks and face coverings to eat, drink or take medication. The exemption for pilots wearing masks on aircrafts in PNG was removed. It is an offence under the National Pandemic Act 2020 to: (1) fail to take reasonable steps to ensure adherence to the measures for a business, organization or government department or agency; and (2) remove a mask or a face covering on aircraft.</p>	
No.11	Public Transport- Port Moresby	<p>Measures apply to the NCD and Central Province; no operation of public transport; taxis can operate so long as the driver wear mask or face covering and do not operate during curfew hours; private transportation may continue to operate but not limited to hotel and security transportation; these measures came into effect since 29 July 2020</p>	<p>Public transport may operate with the maximum passengers of 15 on 25-35 capacity vehicles and 5 passengers for all other public transport vehicles.</p>

## ANNEX B – Priority Test Criteria for GeneXpert PCR Testing at Provincial Level

With shortage of GeneXpert cartridges globally and in PNG, majority of all suspected COVID-19 cases must have a nasopharyngeal specimen collected and the specimen should be shipped to CPHL for laboratory PCR testing. Only test for COVID-19 using GeneXpert if the following apply:

High clinical suspicion of COVID-19 infection:

1. A hospitalized patient who fits COVID-19 case definition

AND

2. There is no other explanation for the clinical presentation

AND

3.1 The patient is in acute respiratory distress

OR

3.2 A thorough clinical and personal history is taken and there is history of one of the following:

- Travelled from a COVID-19 affected area or contact with someone with respiratory illness from a COVID-19 affected area (including border area) in the past 14 days
- Attended mass gathering/s in the past 14 days
- A part of a cluster of unexplained respiratory illness
- Is a current practicing health care worker or front line COVID-19 worker and whose known diagnoses will impact operations of the health facility or response

Note: Do not use GeneXpert cartridges for testing of contacts of positive cases. Send specimen for laboratory testing. As the individual has had contact with a known positive person, once they are symptomatic they should be isolated while waiting for lab result. Write "URGENT" on top of the Case Investigation Form and inform CPHL and NDOH Surveillance Team.

## ANNEX C – COVID-19 Healthcare E-Learning Platform (CoHELP)

### CoHELP

#### COVID-19 Healthcare E-Learning Platform

How do we tackle COVID-19 in PNG health services?



#### Be prepared for COVID-19

The WHO (PNG) and PNG National Department of Health have partnered with the Australian Government (DFAT) to develop an essential online training program for healthcare workers in PNG to be prepared for an outbreak of COVID-19.

This training has been developed for both clinical and administrative staff across PNG. The training contains practical resources and scenario training that are tailored to the needs of PNG.

The entire platform can be accessed from your smartphone, tablet or computer. You will have access to:

- Recorded lectures
- Interactive trainings
- Practical resources
- Discussion forums
- Weekly live training seminars with Q&A's with expert lecturers
- Certification as you complete training modules

Topics include:

- Introduction to COVID-19
- Infection Control Basics
- Principles of outbreak control
- Infection Control Advanced
- Clinical Management Basics
- Clinical Management Advanced

- Emergency Department Management
- Adapting Essential Services
- Obstetrics and Gynaecology in COVID-19
- Adapting Child Health Services
- Critical Care during COVID-19
- Nursing theatre management
- Diagnostics and testing
- Interactive Scenarios

If not all the topics are relevant to you simply skip ahead and complete the modules that are useful to you. You will receive certification for each module you complete so you do not have to complete every module.

**To access the training all you have to do is sign up at <https://cohlp.learnbook.com.au/> by the 31st of July!**

From there you can get involved with all of the activities and use the resources on the platform. If, you are having issues signing up or would like more information on the program please email us. We can send you sign up instructions and give you an introduction to the platform.

Email: [cohlpadmin@johnstaff.com.au](mailto:cohlpadmin@johnstaff.com.au)

Don't miss out on this essential training promoted and developed by the National Department of Health and World Health Organisation (PNG).

**Get on the front foot with COVID-19, don't wait for an outbreak! Ask questions, learn and prepare now.**



The Covid- 19 E-Learning Platform (CoHELP) is brought to you by the Australian Government in partnership with the Government of Papua New Guinea and implemented by:



## ANNEX C – Provincial Updates

### New Guinea Islands Region

#### Autonomous Region of Bougainville

As of 26 July 2020

<b>Total Provincial Population (2020)</b>	344,162	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre	-	
Established and functioning Provincial Emergency Operations Centre	✓	
<b>Surveillance</b>		
Receiving alerts from rural health centres	✓	
Presence of provincial COVID-19 hotlines	✓	
No. of rapid response teams	3	
No. of contact tracing teams	3	
No. of quarantine teams	-	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	-	
No. of functioning GeneXpert machines	2 (Arawa & Buka)	
No. of available GeneXpert cartridges / total received	-	
No. of GeneXpert – trained staff	-	
No. of functioning biosafety cabinets	-	
No. of functioning incinerators	-	
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	3 (Buka, Kieta & Arawa)	N/A
Quarantine facilities	1	28
Quarantine facilities (in progress)	1	12
Isolation facilities	1	8
Isolation facilities (in progress)	3	>4
ICU	-	-
ICU (in progress)	1 (Buka Hospital)	4
<b>Critical Care</b>		
No. of nurses trained in critical care	6	
No. of anaesthetists/anaesthetic scientific officer	0/3	
No. of functioning ventilators	-	
No. of functioning oxygen concentrators	-	

Staff Strength and Health Care Worker Training		Number	COVID-19 trained	
No. of doctors		10	-	
No. of nurses and midwives		94	-	
No. of health extension officers		3	-	
No. of community health workers		71	-	
<b>TOTAL</b>		<b>178</b>	<b>37</b>	
<b>PPE Supplies Received</b>				
	<b>Received in April 2020</b>	<b>Received in May 2020</b>	<b>Received in June 2020</b>	<b>Stock on hand</b>
N95 Masks	300	1,500	700	-
Surgical Masks	0	4,000	8,000	-
Goggles	0	200	200	-
Gloves	65,000	10,000	1,000	-
Gowns/Coveralls	180	0	160	-
<b>Finance</b>				
	<b>Allocated (in PGK)</b>	<b>Expended (in PGK)</b>		
DFAT	950,000	-		
MFAT	350,000	-		
WHO	26,420	-		
GoPNG	200,000	-		
Provincial funds	-	-		
HSIP	200,000	-		
<b>Accomplishments and activities</b>				
<ul style="list-style-type: none"><li>Development partners received training on COVID-19 and IEC materials for prevention of COVID-19 and access to health services.</li><li>Opening of Buka Market on 4 July with handwashing facilities at the entrance.</li></ul>				
<b>Challenges</b>				

## East New Britain

Date as of 2 August 2020

<b>Total Provincial Population (2020)</b>	375,875	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre	✓	
Established and functioning Provincial Emergency Operations Centre	✓	
<b>Surveillance</b>		
Receiving alerts from rural health centres	✓	
Presence of provincial COVID-19 hotlines	✓	
No. of rapid response teams	3 (Kokopo, Rabaul & Gazelle)	
No. of contact tracing teams	3	
No. of quarantine teams	3	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	50 / 1400	
No. of functioning GeneXpert machines	2	
No. of available GeneXpert cartridges / total received	45/50	
No. of GeneXpert – trained staff	5 (3 male, 2 female)	
No. of functioning biosafety cabinets	2	
No. of functioning incinerators	1	
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	5 (Nonga hospital, Butuwin UC, Vunapope, Warangoi & Kerevat)	N/A
Quarantine facilities	1 (Butuwin UC)	3
Quarantine facilities (in progress)	1 (Renovation of the Hunter Team Lodge)	36
Isolation facilities	1 (Butuwin UC)	5
Isolation facilities (in progress)	-	-
ICU	1	3
ICU (in progress)	-	-
<b>Critical Care</b>		
No. of nurses trained in critical care	16	
No. of anaesthetists/anaesthetic scientific officer	2/7	
No. of functioning ventilators	-	
No. of functioning oxygen concentrators	-	

Staff Strength and Health Care Worker Training		Number	COVID-19 trained	
No. of doctors		19	6	
No. of nurses and midwives		254	-	
No. of health extension officers		23	-	
No. of community health workers		257	-	
TOTAL		553	236	
PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	1,500	1,500	0	500
Surgical Masks	0	4,000	16,000	7,800
Goggles	0	200	200	51
Gloves	55,600	8,000	1,000	42
Gowns/Coveralls	330	100	160	39
Finance	Allocated (in PGK)		Expended (in PGK)	
DFAT	950,000		-	
MFAT	350,000		-	
WHO	27,440		-	
GoPNG	200,000		200,000	
Provincial funds	2,500,000		-	
Others	-		-	
Accomplishments and activities (reporting period)				
<ul style="list-style-type: none"><li>A containerized health clinic arrived at Butuwin Health Centre for connection to main power and water as well as other light work for completion. This assistance is from the Government of Australian and NDoH.</li><li>ENB PHA received a donation of antibiotics and wheelchairs from Dame Sandra Lao and Tropicana Limited. The Donations were made to Nonga General Hospital, Saint Mary's Hospital and the Butuwin Health Centre on 30 July 2020.</li></ul>				
Challenges				



## Manus

Date as of 9 August 2020

<b>Total Provincial Population (2020)</b>	66,918	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre		✓
Established and functioning Provincial Emergency Operations Centre		✓
<b>Surveillance</b>		
Receiving alerts from rural health centres	-	
Presence of provincial COVID-19 hotlines	✓	
No. of rapid response teams	2	
No. of contact tracing teams	2	
No. of quarantine teams	2	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	367	
No. of functioning GeneXpert machines	1 (Lorengau Hospital)	
No. of available GeneXpert cartridges / total received	49/50	
No. of GeneXpert – trained staff	-	
No. of functioning biosafety cabinets	-	
No. of functioning incinerators	1	
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	0	N/A
Quarantine facilities	1	24
Quarantine facilities (in progress)	-	-
Isolation facilities	1	8
Isolation facilities (in progress)	-	-
ICU	1	2
ICU (in progress)	-	-
<b>Critical Care</b>		
No. of nurses trained in critical care	-	
No. of anaesthetists/anaesthetic scientific officer	0/1	
No. of functioning ventilators	-	
No. of functioning oxygen concentrators	-	

Staff Strength and Health Care Worker Training		Number	COVID-19 trained	
No. of doctors		6	5	
No. of nurses and midwives		64	-	
No. of health extension officers		13	-	
No. of community health workers		81	-	
TOTAL		164	89	
PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	230	150	350	-
Surgical Masks	0	5,500	8,000	-
Goggles	0	200	262	-
Gloves	22,000	10,000	4,000	-
Gowns/Coveralls	210		60	-
Finance	Allocated (in PGK)	Expended (in PGK)		
DFAT	450,000	-		
MFAT	250,000	-		
WHO	13,840	-		
GoPNG	200,000	200,000		
Provincial funds	1,000,000	400,000		
HSIP	200,000	-		
Accomplishments and activities				
<ul style="list-style-type: none"><li>Meetings held for Provincial Emergency Operations Centre twice a week on Tuesdays and Thursdays.</li><li></li></ul>				
Challenges				

## New Ireland

Date as of 9 August 2020

<b>Total Provincial Population (2020)</b>	218,472	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre		✓
Established and functioning Provincial Emergency Operations Centre		✓
<b>Surveillance</b>		
Receiving alerts from rural health centres		✓
Presence of provincial COVID-19 hotlines		✓
No. of rapid response teams	4 (2 in PHA/District & 2 in Lihir and Simberi)	
No. of contact tracing teams	4	
No. of quarantine teams	4	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	- / 240	
No. of functioning GeneXpert machines	2 (Kavieng Hospital & Lihir Medical Centre)	
No. of available GeneXpert cartridges / total received	50/50	
No. of GeneXpert – trained staff	5 (3 males, 2 females)	
No. of functioning biosafety cabinets	2	
No. of functioning incinerators	1	
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	6	N/A
Quarantine facilities	1	-
Quarantine facilities (in progress)	-	-
Isolation facilities	1	6
Isolation facilities (in progress)	-	-
ICU	-	-
ICU (in progress)	-	-
<b>Critical Care</b>		
No. of nurses trained in critical care		8
No. of anaesthetists/anaesthetic scientific officer		0/2
No. of functioning ventilators		0
No. of functioning oxygen concentrators		00

Staff Strength and Health Care Worker Training	Number	COVID-19 trained
No. of doctors	16	4
No. of nurses and midwives	209	-
No. of health extension officers	31	-
No. of community health workers	192	-
<b>TOTAL</b>	<b>448</b>	<b>320</b>

PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	280	1,500	0	-
Surgical Masks	0	4,000	2,000	-
Goggles	0	200	200	-
Gloves	18,000	8,000	1,000	-
Gowns/Coveralls	210	-	110	-

Finance	Allocated (in PGK)	Expended (in PGK)
DFAT	450,000	-
MFAT	250,000	-
WHO	23,360	-
GoPNG	200,000	-
Provincial funds	-	-
HSIP	200,000	-

<b>Accomplishments and activities</b>
<b>Challenges</b>

## West New Britain

As of 26 July 2020

<b>Total Provincial Population (2020)</b>	348,596	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre	-	
Established and functioning Provincial Emergency Operations Centre	✓	
<b>Surveillance</b>		
Receiving alerts from rural health centres	-	
Presence of provincial COVID-19 hotlines	✓	
No. of rapid response teams	2	
No. of contact tracing teams	2	
No. of quarantine teams	2	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	- / 260	
No. of functioning GeneXpert machines	2 (Kimbe Hospital & Biala District Hospital)	
No. of available GeneXpert cartridges / total received	50/50	
No. of GeneXpert – trained staff	-	
No. of functioning biosafety cabinets	-	
No. of functioning incinerators	-	
<b>Health Facilities</b>	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	3 (Town Urban Clinic, Kimbe Hospital & Mutuvel Sporting Stadium)	N/A
Quarantine facilities	-	-
Quarantine facilities (in progress)	1 (Mutuvel Sporting Stadium)	-
Isolation facilities	1	3
Isolation facilities (in progress)	1	6
ICU	1	1
ICU (in progress)	1	2
<b>Critical Care</b>		
No. of nurses trained in critical care	6	
No. of anaesthetists/anaesthetic scientific officer	0/2	
No. of functioning ventilators	-	
No. of functioning oxygen concentrators	-	

Staff Strength and Health Care Worker Training	Number	COVID-19 trained
No. of doctors	15	-
No. of nurses and midwives	171	-
No. of health extension officers	52	-
No. of community health workers	247	-
TOTAL	485	328

PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	180	1,500	0	-
Surgical Masks	0	4,000	10,000	-
Goggles	0	200	200	-
Gloves	30,000	10,000	1,000	-
Gowns/Coveralls	180	0	10	-

Finance	Allocated (in PGK)	Expended (in PGK)
DFAT	450,000	-
MFAT	350,000	-
WHO	22,680	-
GoPNG	200,000	-
Provincial funds	600,000	-
HSIP	200,000	-

Accomplishments and activities
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Challenges
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## Momase Region

### East Sepik

As of 26 July 2020

Total Provincial Population (2020)		644,053
COVID-19 Response Management		
Established and functioning Provincial Control Centre		-
Established and functioning Provincial Emergency Operations Centre		✓
Surveillance		
Receiving alerts from rural health centres		✓
Presence of provincial COVID-19 hotlines		✓
No. of rapid response teams		1
No. of contact tracing teams		1
No. of quarantine teams		1
Laboratory and Waste Management		
No. of available UTMs / total received		-/ 400
No. of functioning GeneXpert machines	2 (Boram & Maprik)	
No. of available GeneXpert cartridges / total received		-/ 50
No. of GeneXpert – trained staff		2
No. of functioning biosafety cabinets		-
No. of functioning incinerators		-
Health Facilities		
	No. of Facilities	No. of Beds
Pre-triage sites	8 (Town Urban Clinic, At the districts with 7 tents & 1 for Boram Hospital)	N/A
Quarantine facilities	-	-
Quarantine facilities (in progress)	1 (Guest house)	-
Isolation facilities	1 (Old TB clinic refurbished)	-
Isolation facilities (in progress)	1 (Moem Barracks)	-
ICU	-	-
ICU (in progress)	1 (at the Hospital)	-
Critical Care		
No. of nurses trained in critical care		14
No. of anaesthetists/anaesthetic scientific officer		1/3
No. of functioning ventilators		-
No. of functioning oxygen concentrators		-

Staff Strength and Health Care Worker Training		Number	COVID-19 trained	
No. of doctors		17	-	
No. of nurses and midwives		158	-	
No. of health extension officers		21	-	
No. of community health workers		243	-	
TOTAL		439	92	
PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	60	1,500	0	60
Surgical Masks	0	4,000	4,000	14,300
Goggles	0	200	200	185
Gloves	26,000	10,000	1,000	20,900
Gowns/Coveralls	180		10	991
Finance	Allocated (in PGK)		Expended (in PGK)	
DFAT	950,000		-	
MFAT	350,000		-	
WHO	37,640		-	
GoPNG	200,000		200,000	
Provincial funds	-		-	
Others	-		-	
Accomplishments and activities				
Challenges				



## Madang

As of 2 August 2020

<b>Total Provincial Population (2020)</b>	719,869	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre	-	
Established and functioning Provincial Emergency Operations Centre	✓	
<b>Surveillance</b>		
Receiving alerts from rural health centres	-	
Presence of provincial COVID-19 hotlines	✓	
No. of rapid response teams	2	
No. of contact tracing teams	1	
No. of quarantine teams	1	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	- / 260	
No. of functioning GeneXpert machines	4 (Modilon Hospital 2, Gaubin 1 and Malala Health Centre 1)	
No. of available GeneXpert cartridges / total received	- / 50	
No. of GeneXpert – trained staff	2	
No. of functioning biosafety cabinets	-	
No. of functioning incinerators	-	
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	1	N/A
Quarantine facilities	1 (Modilon Hospital)	12
Quarantine facilities (in progress)	1	-
Isolation facilities	1 (Yagauw Hospital)	18
Isolation facilities (in progress)	1	-
ICU	1	5
ICU (in progress)	-	-
<b>Critical Care</b>		
No. of nurses trained in critical care	3	
No. of anaesthetists/anaesthetic scientific officer	1/3	
No. of functioning ventilators	-	
No. of functioning oxygen concentrators	-	

Staff Strength and Health Care Worker Training	Number	COVID-19 trained
No. of doctors	22	-
No. of nurses and midwives	223	-
No. of health extension officers	28	-
No. of community health workers	390	-
<b>TOTAL</b>	<b>663</b>	<b>346</b>

PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	180	1,500	0	-
Surgical Masks	0	4,000	12,000	-
Goggles	0	200	200	-
Gloves	18,000	5,000	1,000	-
Gowns/Coveralls	15	0	10	-

Finance	Allocated (in PGK)	Expended (in PGK)
DFAT	950,000	-
MFAT	170,000	-
WHO	37,640	-
GoPNG	200,000	-
Provincial funds	-	-
Others	-	-

### Accomplishments and activities (reporting period)

- Had our point of entry procedures rectified and emergency cases to be given prompt attention at hospital.
- Set up an isolation point-of-care area for COVID-19 cases outside of the hospital area.
- Set up isolation facility for COVID-19 case management, including OT services and O&G services.
- Clinical pathways to be drawn and made clear to all health workforce
- Infection prevention and control measures and protocols to be stringent and put into place for all to comply with.
- Surveillance, rapid response and risk assessment to continue daily with reporting
- Command Centre to be rectified and supported.
- Budget breakup of DFAT fund needs to be reviewed.

### Challenges



## Morobe

Date as of 9 August 2020

<b>Total Provincial Population (2020)</b>	926,432
<b>COVID-19 Response Management</b>	
Established and functioning Provincial Control Centre	-
Established and functioning Provincial Emergency Operations Centre	✓
<b>Surveillance</b>	
Receiving alerts from rural health centres	-
Presence of provincial COVID-19 hotlines	✓
No. of rapid response teams	2
No. of contact tracing teams	2
No. of quarantine teams	2
<b>Laboratory and Waste Management</b>	
No. of available U/TMs / total received	210/ 460
No. of functioning GeneXpert machines	5 (2 in Angau Hospital, 1 in Bulolo, 1 in Haicost & 1 in Mutzing)
No. of available GeneXpert cartridges / total received	48/ 85
No. of GeneXpert – trained staff	-
No. of functioning biosafety cabinets	-
No. of functioning incinerators	-
<b>Health Facilities</b>	
<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	N/A
>6 (Milfordhaven Urban Clinic, Buimo Urban Clinic, Lae International Hospital, GM Flores Hospital, Igam Baracks, Morobe District Hospitals and health centres, Morobe)	
Quarantine facilities	3
47 (12 in 11-Mile (MKW), 32 in Morobe District & 3 in Bulolo District)	
Quarantine facilities (in progress)	-
Isolation facilities	2 (St Ignatius Kilage Stadium & Bulolo District)
>120	
Isolation facilities (in progress)	1
8	
ICU	2 (St Ignatius Kilage Stadium & Bulolo District)
19	
ICU (in progress)	-

### Critical Care

No. of nurses trained in critical care	30
No. of anaesthetists/anaesthetic scientific officer	4/2
No. of functioning ventilators	-
No. of functioning oxygen concentrators	-

Staff Strength and Health Care Worker Training	Number	COVID-19 trained
No. of doctors	48	-
No. of nurses and midwives	443	-
No. of health extension officers	11	-
No. of community health workers	143	-
<b>TOTAL</b>	<b>645</b>	<b>425</b>

PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	420	1,500	0	500
Surgical Masks	0	4,000	17,100	5000
Goggles	0	200	200	50
Gloves	37,000	5,000	2,000	3,300
Gowns/Coveralls	240	0	20	700

Finance	Allocated (in PGK)	Expended (in PGK)
DFAT	1,900,000	-
MFAT	170,000	-
WHO	46,820	-
GoPNG	200,000	-
Provincial funds	-	-
Others	-	-

### Accomplishments and activities

- Morobe PHA met the District Health managers from all Morobe Districts and several District administrators to provide COVID-19 updates. The districts reported the development of SOPs and set up space for case management for COVID-19.
- District health teams also placed at point of entry at seaports, Nadzab, Mutzing and Bulolo Airport.
- Procurement has done for Morobe COVID-19 hospital (St Ignatius Kilage Stadium) and the facility is equipped. This weekend (25 & 26 July), the clinical team and the corporate service team will complete preparations and the facility will be operational from the week of 27 July.
- Morobe PHA encourages the community to immunize children under five years old for routine immunization.

### Challenges

## Sandaun

As of 2 August 2020

<b>Total Provincial Population (2020)</b>	316,533	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre	-	
Established and functioning Provincial Emergency Operations Centre	✓	
<b>Surveillance</b>		
Receiving alerts from rural health centres	✓	
Presence of provincial COVID-19 hotlines	✓	
No. of rapid response teams	1	
No. of contact tracing teams	1	
No. of quarantine teams	1	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	- / 400	
No. of functioning GeneXpert machines	2 (Raihu District Hospital and Vanimo Hospital)	
No. of available GeneXpert cartridges / total received	- / 50	
No. of GeneXpert – trained staff	-	
No. of functioning biosafety cabinets	-	
No. of functioning incinerators	-	
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	4	N/A
Quarantine facilities	-	-
Quarantine facilities (in progress)	1 (Weather Service)	13
Isolation facilities	1	4
Isolation facilities (in progress)	2	-
ICU	0	0
ICU (in progress)	-	-
<b>Critical Care</b>		
No. of nurses trained in critical care	7	
No. of anaesthetists/anaesthetic scientific officer	- / 2	
No. of functioning ventilators	-	
No. of functioning oxygen concentrators	-	

Staff Strength and Health Care Worker Training	Number	COVID-19 trained
No. of doctors	10	-
No. of nurses and midwives	119	-
No. of health extension officers	19	-
No. of community health workers	332	-
<b>TOTAL</b>	<b>480</b>	<b>200</b>

PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	60	1,500	120	1,547
Surgical Masks	0	4,000	4,000	4,720
Goggles	0	200	200	286
Gloves	26,000	10,000	1,000	1,141
Gowns/Coveralls	180	0	310	469/53

Finance *	Allocated (in PGK)	Expended (in PGK)
DFAT	950,000	-
MFAT	350,000	-
WHO	29,480	-
GoPNG	200,000	200,000
DPLGA	100,000	-
Sandaun Provincial Government	25,000	-
WSPHA Trust Account	400,000	400,000
WSPHA- 252 (HFG)	200,000	-

\* About 50% of budget planned on average.

### Accomplishments and activities

- Referral pathway has been identified, with mild and moderate cases planning to be treated at the local health facilities and severe cases at SPH isolation unit.
- WSPHA looks for available facilities as isolation facilities in response to potential increase in COVID-19 cases in the province.
- Awareness on COVID-19 was done at Sandaun Provincial Assembly on 28 July 2020.
- Stockpile of PPE is in the WSPHA PEOC PPE room.

### Challenges

- Continuing surveillance with increased movement of people at the point of entry from Green River to Wutung
- Continuing ongoing surveillance, following-up with ILI triaging at POE health facilities, and monitoring suspected cases of AFR and ILI/SARI at Bewani HC in the Vanimo Green District
- Medical equipment identified for the isolation unit are still to be purchased such as ventilators.

## Highlands Region

### Eastern Highlands

As of 26 July 2020

<b>Total Provincial Population (2020)</b>	717,957	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre	-	
Established and functioning Provincial Emergency Operations Centre	✓	
<b>Surveillance</b>		
Receiving alerts from rural health centres	-	
Presence of provincial COVID-19 hotlines	✓	
No. of rapid response teams	2	
No. of contact tracing teams	-	
No. of quarantine teams	-	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	- / 240	
No. of functioning GeneXpert machines	4 (3 in Highlands Provincial & 1 in Kainantu District Hospital)	
No. of available GeneXpert cartridges / total received	- / 50	
No. of GeneXpert – trained staff	-	
No. of functioning biosafety cabinets	-	
No. of functioning incinerators	-	
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	1	N/A
Quarantine facilities	1 (Goroka Hospital)	14
Quarantine facilities (in progress)	1 (at pediatric ward)	16-18
Isolation facilities	1	5
Isolation facilities (in progress)	1	6
ICU	1 (Goroka Hospital)	12
ICU (in progress)	-	-
<b>Critical Care</b>		
No. of nurses trained in critical care	60	
No. of anaesthetists/anaesthetic scientific officer	3/9	
No. of functioning ventilators	-	
No. of functioning oxygen concentrators	-	

Staff Strength and Health Care Worker Training	Number	COVID-19 trained
No. of doctors	28	-
No. of nurses and midwives	222	-
No. of health extension officers	15	-
No. of community health workers	371	-
TOTAL	636	114

PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	230	1,500	0	-
Surgical Masks	0	4,000	25,600	-
Goggles	0	200	200	-
Gloves	36,000	10,000	1,000	-
Gowns/Coveralls	150	0	10	-

Finance	Allocated (in PGK)	Expended (in PGK)
DFAT	950,000	-
MFAT	210,000	-
WHO	38,320	-
GoPNG	200,000	-
Provincial funds	2,500,000	-
Others	-	-

Accomplishments and activities
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Challenges
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## Enga

As of 26 July 2020

<b>Total Provincial Population (2020)</b>	480,691	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre		-
Established and functioning Provincial Emergency Operations Centre		✓
<b>Surveillance</b>		
Receiving alerts from rural health centres		-
Presence of provincial COVID-19 hotlines		-
No. of rapid response teams		-
No. of contact tracing teams		-
No. of quarantine teams		-
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received		-/ 240
No. of functioning GeneXpert machines	2 (Kompiam District Hospital and Wabag Provincial Hospital)	
No. of available GeneXpert cartridges / total received		-/ 50
No. of GeneXpert – trained staff		-
No. of functioning biosafety cabinets		-
No. of functioning incinerators		-
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	1 (Wabag Hospital)	N/A
Quarantine facilities	-	-
Quarantine facilities (in progress)	-	-
Isolation facilities	-	-
Isolation facilities (in progress)	1 (Pausa in Wapenamanda)	-
ICU	-	-
ICU (in progress)	-	-
<b>Critical Care</b>		
No. of nurses trained in critical care		8
No. of anaesthetists/anaesthetic scientific officer		-/ 5
No. of functioning ventilators		-
No. of functioning oxygen concentrators		-

Staff Strength and Health Care Worker Training	Number	COVID-19 trained		
No. of doctors	21	-		
No. of nurses and midwives	163	-		
No. of health extension officers	18	-		
No. of community health workers	226	-		
<b>TOTAL</b>	<b>428</b>	<b>132</b>		
PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	150	1,500	0	-
Surgical Masks	0	4,000	4,000	-
Goggles	0	200	200	-
Gloves	18,000	10,000	1,000	-
Gowns/Coveralls	150	0	460	-
Finance	Allocated (in PGK)	Expended (in PGK)		
DFAT	450,000	-		
MFAT	210,000	-		
WHO	31,520	-		
GoPNG	200,000	-		
Provincial funds	-	-		
Others	-	-		
Accomplishments and activities				
Challenges				



## Hela

As of 26 July 2020

<b>Total Provincial Population (2020)</b>	304,955	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre	-	
Established and functioning Provincial Emergency Operations Centre	✓	
<b>Surveillance</b>		
Receiving alerts from rural health centres	✓	
Presence of provincial COVID-19 hotlines	✓	
No. of rapid response teams	1	
No. of contact tracing teams	-	
No. of quarantine teams	-	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	- / 50	
No. of functioning GeneXpert machines	1 (Hela Provincial Hospital)	
No. of available GeneXpert cartridges / total received	- / 50	
No. of GeneXpert – trained staff	-	
No. of functioning biosafety cabinets	-	
No. of functioning incinerators	-	
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	1 (Hela Provincial Hospital)	N/A
Quarantine facilities	3	-
Quarantine facilities (in progress)	1	-
Isolation facilities	3	>6
Isolation facilities (in progress)	7	-
ICU	1	6
ICU (in progress)	-	-
<b>Critical Care</b>		
No. of nurses trained in critical care	8	
No. of anaesthetists/anaesthetic scientific officer	- / 5	
No. of functioning ventilators	-	
No. of functioning oxygen concentrators	-	

Staff Strength and Health Care Worker Training	Number	COVID-19 trained
No. of doctors	2	-
No. of nurses and midwives	52	-
No. of health extension officers	8	-
No. of community health workers	45	-
<b>TOTAL</b>	<b>107</b>	<b>81</b>

PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	300	1,500	-	-
Surgical Masks	0	4,000	4,000	-
Goggles	0	200	200	-
Gloves	16,000	10,000	1,000	-
Gowns/Coveralls	80	0	160	-

Finance	Allocated (in PGK)	Expended (in PGK)
DFAT	450,000	-
MFAT	350,000	-
WHO	24,720	-
GoPNG	200,000	-
Provincial funds	424,000	-
Others**	300,000	-

\*\*TARI PORI DOA DSP & Kororo Margorima DOA DSP

<b>Accomplishments and activities</b>
<b>Challenges</b>

## Jiwaka

as of 26 July 2020

<b>Total Provincial Population (2020)</b>	332,619	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre		-
Established and functioning Provincial Emergency Operations Centre		-
<b>Surveillance</b>		
Receiving alerts from rural health centres		-
Presence of provincial COVID-19 hotlines		-
No. of rapid response teams		-
No. of contact tracing teams		-
No. of quarantine teams		-
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received		- / 250
No. of functioning GeneXpert machines	1 (Kudjib Nazarene Hospital)	
No. of available GeneXpert cartridges / total received		- / 50
No. of GeneXpert – trained staff		-
No. of functioning biosafety cabinets		-
No. of functioning incinerators		-
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	-	N/A
Quarantine facilities	1 (Kindeng)	-
Quarantine facilities (in progress)	-	-
Isolation facilities	4 (Kindeng, Minj HC, Kol HC, Tabibuga HC)	-
Isolation facilities (in progress)	-	-
ICU	-	-
ICU (in progress)	-	-
<b>Critical Care</b>		
No. of nurses trained in critical care		1
No. of anaesthetists/anaesthetic scientific officer		- / 4
No. of functioning ventilators		-
No. of functioning oxygen concentrators		-

Staff Strength and Health Care Worker Training	Number	COVID-19 trained
No. of doctors	1	-
No. of nurses and midwives	146	-
No. of health extension officers	8	-
No. of community health workers	102	-
TOTAL	257	73

PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	180	1,500	0	-
Surgical Masks	0	4,000	4,000	-
Goggles	0	200	200	-
Gloves	18,000	10,000	1,000	-
Gowns/Coveralls	150	0	310	-

Finance	Allocated (in PGK)	Expended (in PGK)
DFAT	450,000	-
MFAT	300,000	-
WHO	23,700	-
GoPNG	200,000	-
Provincial funds	-	-
Others	-	-

Accomplishments and activities
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Challenges
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## Simbu

As of 2 August 2020

<b>Total Provincial Population (2020)</b>	378,381	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre	-	
Established and functioning Provincial Emergency Operations Centre	✓	
<b>Surveillance</b>		
Receiving alerts from rural health centres	✓	
Presence of provincial COVID-19 hotlines	-	
No. of rapid response teams	1	
No. of contact tracing teams	1	
No. of quarantine teams	-	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	-/ 240	
No. of functioning GeneXpert machines	2 (Mingende Rural Hospital & Kundawa General Hospital)	
No. of available GeneXpert cartridges / total received	-/ 50	
No. of GeneXpert – trained staff	-	
No. of functioning biosafety cabinets	-	
No. of functioning incinerators	-	
<b>Health Facilities</b>	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	-	N/A
Quarantine facilities	-	-
Quarantine facilities (in progress)	-	-
Isolation facilities	-	-
Isolation facilities (in progress)	-	-
ICU	1	3
ICU (in progress)	-	-
<b>Critical Care</b>		
No. of nurses trained in critical care	6	
No. of anaesthetists/anaesthetic scientific officer	-/ 4	
No. of functioning ventilators	-	
No. of functioning oxygen concentrators	-	

Staff Strength and Health Care Worker Training	Number	COVID-19 trained
No. of doctors	30	-
No. of nurses and midwives	305	-
No. of health extension officers	15	-
No. of community health workers	197	-
<b>TOTAL</b>	<b>547</b>	<b>-</b>

PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand *
N95 Masks	180	1,500	-	7650
Surgical Masks	0	4,000	4,000	150
Goggles	0	200	200	2
Gloves	12,000	10,000	1,000	22,800
Gowns/Coveralls	180	0	360	225

\*Updated on 5 May 2020

Finance	Allocated (in PGK)	Expended (in PGK)
DFAT	450,000	-
MFAT	350,000	-
WHO	33,560	-
GoPNG	200,000	200,000
Provincial funds	-	-
Others	-	-

<b>Accomplishments and activities</b>
<b>Challenges</b>

## Southern Highlands

As of 26 July 2020

<b>Total Provincial Population (2020)</b>	651,001	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre	-	
Established and functioning Provincial Emergency Operations Centre	✓	
<b>Surveillance</b>		
Receiving alerts from rural health centres	✓	
Presence of provincial COVID-19 hotlines	-	
No. of rapid response teams	1	
No. of contact tracing teams	5	
No. of quarantine teams	5	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	- / 40	
No. of functioning GeneXpert machines	2 (Mendi Provincial Hospital and Ialibu District Hospital)	
No. of available GeneXpert cartridges / total received	- / 50	
No. of GeneXpert – trained staff	40	
No. of functioning biosafety cabinets	-	
No. of functioning incinerators	-	
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	3	N/A
Quarantine facilities	1 (Kiburu Lodge)	10
Quarantine facilities (in progress)	1	-
Isolation facilities	-	-
Isolation facilities (in progress)	2 (MDR-TB Isolation Ward & Munihiu HC)	-
ICU	1	6
ICU (in progress)	-	-

<b>Critical Care</b>				
No. of nurses trained in critical care	9			
No. of anaesthetists/anaesthetic scientific officer	- / 5			
No. of functioning ventilators	-			
No. of functioning oxygen concentrators	-			
<b>Staff Strength and Health Care Worker Training</b>				
	<b>Number</b>	<b>COVID-19 trained</b>		
No. of doctors	18	-		
No. of nurses and midwives	151	-		
No. of health extension officers	10	-		
No. of community health workers	189	-		
<b>TOTAL</b>	<b>368</b>	<b>367</b>		
<b>PPE Supplies Received</b>				
	<b>Received in April 2020</b>	<b>Received in May 2020</b>	<b>Received in June 2020</b>	<b>Stock on hand</b>
N95 Masks	250	1,500	-	-
Surgical Masks	0	4,000	4,000	-
Goggles	0	200	200	-
Gloves	37,000	8,000	1,000	-
Gowns/Coveralls	180	0	410	-
<b>Finance</b>				
	<b>Allocated (in PGK)</b>	<b>Expended (in PGK)</b>		
DFAT	450,000	-		
MFAT	350,000	-		
WHO	34,240	-		
GoPNG	200,000	-		
Provincial funds	500,000	-		
Others	-	-		
<b>Accomplishments and activities</b>				
<b>Challenges</b>				

## Western Highlands

Date as of 9 August 2020

<b>Total Provincial Population (2020)</b>	442,638	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre		✓
Established and functioning Provincial Emergency Operations Centre		✓
<b>Surveillance</b>		
Receiving alerts from rural health centres		✓
Presence of provincial COVID-19 hotlines		✗
No. of rapid response teams	1	(3 persons)
No. of contact tracing teams	1	(2 persons)
No. of quarantine teams	1	(5 persons)
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	400/	400
No. of functioning GeneXpert machines	1	(MHH)
No. of available GeneXpert cartridges / total received	46	
No. of GeneXpert – trained staff	2	(1 Male, 1 Female)
No. of functioning biosafety cabinets	1	
No. of functioning incinerators	1	(needs urgent replacement)
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	4	N/A
Quarantine facilities	1	10
Quarantine facilities (in progress)	1	10
Isolation facilities	1	11
Isolation facilities (in progress)	-	-
ICU	1	4
ICU (in progress)	0	0
<b>Critical Care</b>		
No. of nurses trained in critical care		30
No. of anaesthetists/anaesthetic scientific officer		5 ATOs
No. of functioning ventilators	1	
No. of functioning oxygen concentrators		7

Staff Strength and Health Care Worker	Number	COVID-19 trained
No. of doctors	22	5
No. of nurses and midwives	13	55
No. of health extension officers	217	2
No. of community health workers	293	50
<b>TOTAL</b>	<b>545</b>	<b>112</b>

PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	100	1,500	7,000	325
Surgical Masks	0	4,000	20,000	80
Goggles	0	200	267	483
Gloves	11,000	10,000	3,000	75,000
Gowns/Coveralls	90	0	610	55

Finance	Allocated (in PGK)	Expended (in PGK)
DFAT	1,900,000	870,000
MFAT	170,000	-
WHO	29,480	29,480
GoPNG	200,000	200,000
Provincial funds	200,000	200,000
Others	-	-

### Accomplishments and activities

- Rolling out rural COVID response plan, subject to release of additional provincial or GoPNG funds. NZ funds fully committed – expenditure in progress.
- Tenders for concrete and in ground works for quarantine shed closed on 24 July 2020.
- Isolation unit in a converted chapel is ready at MHH, including one (1) delivery room although awaiting to handwashing tubs.
- Quarantine beds are ready, including one (1) delivery room.
- Quarantine facility is available with 10-bed capacity, but no funds to purchase beds and WH PHA is looking for old beds.

### Challenges

- The forms are not filled by travellers or no forms provided.
- There were some people who had low grade fever
- Financial shortfalls
- PPEs

## Southern Region

### Central

Date as of 9 August 2020

<b>Total Provincial Population (2020)</b>	317,847	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre	-	
Established and functioning Provincial Emergency Operations Centre	✓	
<b>Surveillance</b>		
Receiving alerts from rural health centres	✓	
Presence of provincial COVID-19 hotlines	✓	
No. of rapid response teams	1	
No. of contact tracing teams	-	
No. of quarantine teams	-	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	20 / 40	
No. of functioning GeneXpert machines	1 (Bereina District Hospital)	
No. of available GeneXpert cartridges / total received	20 / 20	
No. of GeneXpert – trained staff	-	
No. of functioning biosafety cabinets	1	
No. of functioning incinerators	-	
<b>Health Facilities</b>	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	4 (Abau District Hospital, Bereina District Hospital, Kwikila District Hospital and Verfa'a Hospital)	N/A
Quarantine facilities	-	-
Quarantine facilities (in progress)	1 (Bereina District Hospital)	-
Isolation facilities	-	-
Isolation facilities (in progress)	2 (Abau District Hospital & Bereina District Hospital)	-
ICU	-	-
ICU (in progress)	-	-

### Critical Care

No. of nurses trained in critical care	9
No. of anaesthetists/anaesthetic scientific officer	-/ 5
No. of functioning ventilators	-
No. of functioning oxygen concentrators	-

Staff Strength and Health Care Worker Training	Number	COVID-19 trained
No. of doctors	0	-
No. of nurses and midwives	13	-
No. of health extension officers	35	-
No. of community health workers	198	-
<b>TOTAL</b>	<b>246</b>	<b>276</b>

PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	230	1,500	420	-
Surgical Masks	0	5,000	2,200	-
Goggles	0	200	210	-
Gloves	27,000	13,000	2,000	-
Gowns/Coveralls	210	30	450	-

Finance	Allocated (in PGK)	Expended (in PGK)
DFAT	450,000	-
MFAT	170,000	-
WHO	32,880	-
GoPNG	200,000	200,000
Provincial funds	-	-
Others	-	-

<b>Accomplishments and activities</b>
<b>Challenges</b>



## Gulf

As of 26 July 2020

<b>Total Provincial Population (2020)</b>	190,153	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre	-	
Established and functioning Provincial Emergency Operations Centre	✓	
<b>Surveillance</b>		
Receiving alerts from rural health centres	✓	
Presence of provincial COVID-19 hotlines	✓	
No. of rapid response teams	-	
No. of contact tracing teams	-	
No. of quarantine teams	-	
<b>Laboratory and Waste Management</b>		
No. of available UTMs / total received	- / 230	
No. of functioning GeneXpert machines	3 (Kerema Provincial Hospital, Kapuna Rural Hospital & Kikori District Hospital)	
No. of available GeneXpert cartridges / total received	- / 30	
No. of GeneXpert – trained staff	-	
No. of functioning biosafety cabinets	-	
No. of functioning incinerators	-	
<b>Health Facilities</b>		
<b>No. of Facilities</b>	<b>No. of Beds</b>	
Pre-triage sites	1 (Kerema Hospital)	N/A
Quarantine facilities	-	
Quarantine facilities (in progress)	3 (Kororua, Kerema & Kikori)	-
Isolation facilities	1	-
Isolation facilities (in progress)	-	-
ICU	-	-
ICU (in progress)	-	-

<b>Critical Care</b>				
No. of nurses trained in critical care	1			
No. of anaesthetists/anaesthetic scientific officer	- / 2			
No. of functioning ventilators	-			
No. of functioning oxygen concentrators	-			
<b>Staff Strength and Health Care Worker Training</b>				
	<b>Number</b>	<b>COVID-19 trained</b>		
No. of doctors	6	-		
No. of nurses and midwives	48	-		
No. of health extension officers	8	-		
No. of community health workers	88	-		
<b>TOTAL</b>	<b>150</b>	<b>30</b>		
<b>PPE Supplies Received</b>				
	<b>Received in April 2020</b>	<b>Received in May 2020</b>	<b>Received in June 2020</b>	<b>Stock on hand</b>
N95 Masks	180	1,500	700	-
Surgical Masks	0	8,100	6,500	-
Goggles	0	200	220	-
Gloves	15,000	10,000	5,000	-
Gowns/Coveralls	180	20	656	-
<b>Finance</b>				
	<b>Allocated (in PGK)</b>	<b>Expended (in PGK)</b>		
DFAT	450,000	-		
MFAT	350,000	-		
WHO	18,940	-		
GoPNG	200,000	200,000		
Provincial funds	-	-		
Others	-	-		
<b>Accomplishments and activities</b>				
<b>Challenges</b>				

## Milne Bay

As of 26 July 2020

<b>Total Provincial Population (2020)</b>	347,546
<b>COVID-19 Response Management</b>	
Established and functioning Provincial Control Centre	-
Established and functioning Provincial Emergency Operations Centre	✓
<b>Surveillance</b>	
Receiving alerts from rural health centres	✓
Presence of provincial COVID-19 hotlines	✓
No. of rapid response teams	1
No. of contact tracing teams	-
No. of quarantine teams	-
<b>Laboratory and Waste Management</b>	
No. of available UTMs / total received	-/260
No. of functioning GeneXpert machines	1
No. of available GeneXpert cartridges / total received	-/50
No. of GeneXpert – trained staff	-
No. of functioning biosafety cabinets	-
No. of functioning incinerators	-
<b>Health Facilities</b>	
<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	-
Quarantine facilities	-
Quarantine facilities (in progress)	-
Isolation facilities	1 (Alotau Hospital)
Isolation facilities (in progress)	1
ICU	1
ICU (in progress)	-
<b>Critical Care</b>	
No. of nurses trained in critical care	20
No. of anaesthetists/anaesthetic scientific officer	1/2
No. of functioning ventilators	-
No. of functioning oxygen concentrators	-

Staff Strength and Health Care Worker Training	Number	COVID-19 trained		
No. of doctors	20	-		
No. of nurses and midwives	264	-		
No. of health extension officers	29	-		
No. of community health workers	493	-		
<b>TOTAL</b>	<b>806</b>	<b>94</b>		
<b>PPE Supplies Received</b>	<b>Received in April 2020</b>	<b>Received in May 2020</b>	<b>Received in June 2020</b>	<b>Stock on hand</b>
N95 Masks	180	1,500	1,500	-
Surgical Masks	0	5,000	2,000	-
Goggles	0	200	200	-
Gloves	18,000	10,000	1,000	-
Gowns/Coveralls	180	30	860	-
<b>Finance</b>	<b>Allocated (in PGK)</b>	<b>Expended (in PGK)</b>		
DFAT	950,000	-		
MFAT	300,000	-		
WHO	31,520	-		
GoPNG	200,000	200,000		
Provincial funds	-	-		
Others	-	-		
<b>Accomplishments and activities</b>				
<b>Challenges</b>				



## National Capital District

Date as of 9 August 2020

<b>Total Provincial Population (2020)</b>	449,469	
<b>COVID-19 Response Management</b>		
Established and functioning Provincial Control Centre	-	
Established and functioning Provincial Emergency Operations Centre	✓	
<b>Surveillance</b>		
Receiving alerts from rural health centres	✓	
Presence of provincial COVID-19 hotlines	✓	
No. of rapid response teams	1	
No. of contact tracing teams	1	
No. of quarantine teams	-	
<b>Laboratory and Waste Management</b>		
No. of available UTM's / total received	1000	
No. of functioning GeneXpert machines	2 (CPHL & Lawes Rd UC)	
No. of available GeneXpert cartridges / total received	300 (CPHL pathology)	
No. of GeneXpert – trained staff	4 (2 males, 3 females)	
No. of functioning biosafety cabinets	2	
No. of functioning incinerators	-	
<b>Health Facilities</b>		
	<b>No. of Facilities</b>	<b>No. of Beds</b>
Pre-triage sites	18 (16 Public clinics, Gerehu & PMGH)	N/A
Quarantine facilities	1	12
Quarantine facilities (in progress)	2	-
Isolation facilities	2 (Rita Flynn & Taurama Aquatic Centre)	156
Isolation facilities (in progress)	1	6
ICU	1 (PMGH)	4
ICU (in progress)	-	-
<b>Critical Care</b>		
No. of nurses trained in critical care	135	
No. of anaesthetists/anaesthetic scientific officer	7/2	
No. of functioning ventilators	-	
No. of functioning oxygen concentrators	-	

Staff Strength and Health Care Worker Training	Number	COVID-19 trained		
No. of doctors	244	-		
No. of nurses and midwives	704	-		
No. of health extension officers	6	-		
No. of community health workers	282	-		
<b>TOTAL</b>	<b>1236</b>	<b>94</b>		
PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	180	3,000	5,160	-
Surgical Masks	0	4,000	114,000	-
Goggles	0	-	570	-
Gloves	12,000	8,000	22,120	-
Gowns/Coveralls	60	-	4,796	-
Finance	Allocated (in PGK)	Expended (in PGK)		
DFAT	1,900,000	-		
MFAT	170,000	-		
WHO	23,320	-		
GoPNG	200,000	-		
Provincial funds	-	-		
Others	-	-		
Accomplishments and activities				
<ul style="list-style-type: none"><li>• Risk communication awareness conducted in three areas in Port Moresby (Moresby North West, Moresby South and Moresby North East). Awareness Outreach done together with local team leaders visiting communities in Moresby North, Moresby South and Moresby North East.</li><li>• Community feedback were: (1) more emphasis on the Community Tracing and swabbing in all settlement areas; (2) need of comprehensive partnership with the community in regard to the pandemic on how to prevent it; (3) the initiative taken is a really vital and will have a major impact on our people to help prevent COVID-19 within our society.</li></ul>				
Challenges				

## Oro

As of 26 July 2020

Total Provincial Population (2020)	236,700	
COVID-19 Response Management		
Established and functioning Provincial Control Centre	-	
Established and functioning Provincial Emergency Operations Centre	✓	
Surveillance		
Receiving alerts from rural health centres	✓	
Presence of provincial COVID-19 hotlines	✓	
No. of rapid response teams	1	
No. of contact tracing teams	1	
No. of quarantine teams	-	
Laboratory and Waste Management		
No. of available UTMs / total received	-/260	
No. of functioning GeneXpert machines	1	
No. of available GeneXpert cartridges / total received	-/50	
No. of GeneXpert – trained staff	-	
No. of functioning biosafety cabinets	-	
No. of functioning incinerators	-	
Health Facilities		
	No. of Facilities	No. of Beds
Pre-triage sites	1 (Sioga HC)	N/A
Quarantine facilities	2 (Popondetta Hospital & Sioga HC)	-
Quarantine facilities (in progress)	-	-
Isolation facilities	1 (Old Dental Area)	-
Isolation facilities (in progress)	1 (Popondetta Hospital)	8
ICU	-	-
ICU (in progress)	-	-
Critical Care		
No. of nurses trained in critical care	4	
No. of anaesthetists/anaesthetic scientific officer	-/2	
No. of functioning ventilators	-	
No. of functioning oxygen concentrators	-	

Staff Strength and Health Care Worker Training	Number	COVID-19 trained		
No. of doctors	10	-		
No. of nurses and midwives	80	-		
No. of health extension officers	9	-		
No. of community health workers	107	-		
<b>TOTAL</b>	<b>206</b>	<b>34</b>		
<b>PPE Supplies Received</b>	<b>Received in April 2020</b>	<b>Received in May 2020</b>	<b>Received in June 2020</b>	<b>Stock on hand</b>
N95 Masks	180	1,500	900	-
Surgical Masks	0	4,000	2,000	-
Goggles	0	200	200	-
Gloves	18,000	-	1,000	-
Gowns/Coveralls	210	30	210	-
<b>Finance</b>	<b>Allocated (in PGK)</b>	<b>Expended (in PGK)</b>		
DFAT	450,000	-		
MFAT	300,000	-		
WHO	18,260	-		
GoPNG	200,000	200,000		
Provincial funds	-	-		
Others	-	-		
<b>Accomplishments and activities</b>				
<b>Challenges</b>				

## Western

As of 26 July 2020

Total Provincial Population (2020)	299,351	
COVID-19 Response Management		
Established and functioning Provincial Control Centre		✓
Established and functioning Provincial Emergency Operations Centre		✓
Surveillance		
Receiving alerts from rural health centres		✓
Presence of provincial COVID-19 hotlines		✓
No. of rapid response teams		1
No. of contact tracing teams		Not active
No. of quarantine teams		1
Laboratory and Waste Management		
No. of available UTMs / total received		~/1650
No. of functioning GeneXpert machines		2 out of 3 working
No. of available GeneXpert cartridges / total received		99/150
No. of GeneXpert – trained staff		3
No. of functioning biosafety cabinets		0 (the existing one is out of order)
No. of functioning incinerators		0
Health Facilities		
	No. of Facilities	No. of Beds
Pre-triage sites	8 (Daru, Kiunga, Balimo, Rumgimae)	N/A
Quarantine facilities	1 (Daru Provincial Hospital)	-
Quarantine facilities (in progress)	1	12
Isolation facilities	2 (Daru Provincial Hospital & Kiunga District Hospital)	24
Isolation facilities (in progress)	2 (medical equipment to be fitted)	28
ICU	1	4
ICU (in progress)	0	0
Critical Care		
No. of nurses trained in critical care		2
No. of anaesthetists/anaesthetic scientific officer		1/5
No. of functioning ventilators		0
No. of functioning oxygen concentrators		-

Staff Strength and Health Care Worker Training	Number	COVID-19 trained
No. of doctors	9	7
No. of nurses and midwives	19	21
No. of health extension officers	2	4
No. of community health workers	40	33
<b>TOTAL</b>	<b>70</b>	<b>65</b>

PPE Supplies Received	Received in April 2020	Received in May 2020	Received in June 2020	Stock on hand
N95 Masks	40	3,000	800	-
Surgical Masks	0	8,000	20,000	-
Goggles	0	400	400	-
Gloves	25,000	16,000	2,000	-
Gowns/Coveralls	180	200	820	-

Finance	Allocated (in PGK)	Expended (in PGK)
DFAT	950,000	-
MFAT	170,000	-
WHO	28,460	-
GoPNG	200,000	140,000
Provincial funds	-	-
Others	-	-

### Accomplishments and activities

- PEOC is in Daru, and the team is not meeting regularly according to a report. Kiunga team meets regularly on a weekly basis or when the need arises.
- Reporting is only done in Daru for ILI/SARI. According to Kiunga team Lead, pre-triage has not reported any ILI /SARI therefore not reported. Teams were advised to report POIs from Indonesia or PNG citizens crossing the border.

### Challenges

- Team Kiunga indicated a reduction in human resources engaged in RRT and quarantine due to non-payments.
- Daru quarantine tents were pulled down. The agreement was for 3 months and now the 3 months is up, they were advised to pull the tents down.
- Apart from COVID-19 preparedness and response, Kiunga team indicated challenges with medical supplies, with orders from 2019 still pending. What was received weeks ago was from 2014 orders which are now outdated.
- Oxygen supply to Kiunga Hospital is not available. This has caused the hospital to scale down on operation. Contractors have delays in delivering the oxygen supply.
- Expenditure is still slow due to change of signatories. So far, the only fund expended was the K200,000 given for surveillance, training and risk communication.



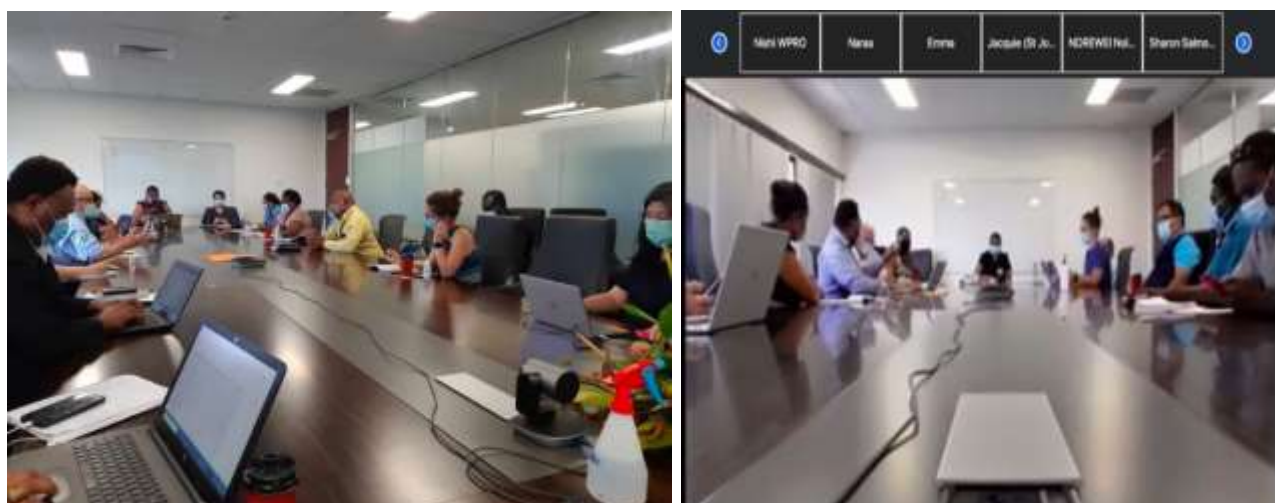
## ANNEX E – Photos



Photo 1. From left: Correctional Service Deputy Commissioner Operations David Suagu, Chief Inspector Florian Luvi, Chief Inspector Richard T. Mandui, Assistant Commissioner Bougainville Corrections Vincent Kundi, Inspector Godfrey Cosmos and Police Officer Verena Erick received the PPEs from the National Control Centre at the Morauta Haus on 7 August 2020.



Photos 2-3. Daily meetings of the Pandemic Response Coordination Group at the National Control Centre in Morauta Haus



Photos 4-5. Daily meetings of the Health Operations Team at the National Control Centre in Morauta Haus with various partners participating via online platform



Photo 6. Airing of the public service announcement on the importance of testing for COVID-19.  
Accessible at <https://www.facebook.com/PNGNDOH/videos/942508536268229/>.



Photos 7-8. Members of the Papua New Guinea Defence Force (PNGDF) Medical Corps underwent a practical training session on COVID-19 epidemiology, infection prevention and control, case investigation form completion and sample collection technique.





Photos 9-10. Hands-on-training for PNGDF trainees comprised of community health workers, nurses, health extension officers, radiographers and laboratory staff was facilitated by a team of specialists from NDOH and WHO.



Photos 11-15. NDOH and WHO support the NCD PHA and various partners based in Port Moresby in the training for risk communication and Niupela Pasin.





Photo 16. NCD PHA Risk Communications and Community Engagement Team conducted awareness outreach in communities across the National Capital District.



Photo 15. A total of 42 participants joined the COVID-19 training conducted in Sopas District Hospital in Enga Province. The participants were clinicians, surveillance officers, laboratory technicians, nurses, security guards and drivers who are to be part of rapid response teams (RRTs) in the district.



Photos 16-17 WHO handed over its seventh batch of COVID-19 donation to the National Control Centre which included PPEs, UTMs, nasopharyngeal swabs, RNA extraction kits and GeneXpert cartridges.

## ANNEX F – Risk Communication Materials



For more information about this Situation Report, contact:

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