

# **Papua New Guinea**

# Coronavirus Disease 2019 (COVID-19) Health Situation Report #51 14 December 2020

Period of report: 7 - 13 December 2020



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

# **Situation Summary and Highlights**

- ☐ As of 13 December (12:00 pm), there have been 725 COVID-19 cases and eight COVID-19 deaths reported in Papua New Guinea. From the period of 7 to 14 December, there have been 44 new cases: 35 from West New Britain, 4 from Western Highlands, 3 from National Capital District, and 2 from East New Britain. The total number of provinces that have reported COVID-19 cases to date is sixteen, including AROB.
- ☐ A multidisciplinary team from the NCC (surveillance, clinical management, risk communication, community engagement clusters and provincial coordination) travelled to Southern Highlands Province to provide technical support for COVID-19 preparedness and response.

# **Upcoming Events and Priorities**

☐ Coordination: Two inter-cluster provincial visits by NCC teams (comprised of representatives from surveillance, laboratory, clinical management, and risk communication and community engagement) are scheduled to Milne Bay and Southern Highlands from the week of 14 December. The COVID-19 Summit has been

Table 1. COVID-19 IN PAPUA NEW GUINEA<sup>1</sup> **New Cases** Cumulative (6 - 13 December Total 2020) National Capital District 3 361 Western 0 204 West New Britain 35 103 Eastern Highlands 0 13 0 9 Central 4 9 Western Highlands 0 Morobe 6 East New Britain 2 5 East Sepik 0 3 0 3 Enga Milne Bay 0 2 New Ireland 0 2 West Sepik 2 0 1 **AROB** 0 Hela 0 1 Southern Highlands 0 **TOTAL** 44 725

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

<sup>1</sup> As of 13/12/2020, 12:00 pm, PNG time

	Confirmed Cases	Deaths		
Global	69 808 588	1 588 854		
Western Pacific	952 629	18 196		
<sup>2</sup> WHO COVID-19 Dashboard as of 12/12/2020, 6:46 pm CET				

rescheduled to take place from 25 January to 5 February 2021 at the APEC Haus in Port Moresby.

- ☐ Surveillance: Additional planning and support for the current outbreak in West New Britain Province are underway. Further data analysis will be conducted to gain a deeper understanding of surveillance issues in the country. The healthcare worker (HCW) survey continues, with over 300 responses received so far.
- □ Laboratory: Technical support continues for testing and shipment of samples to Singapore through CPHL with the backing from DFAT and WHO. Memorandum of Understanding is being prepared for PNG IMR/ CPHL and Victorian Infectious Disease Reference Laboratory (VIDRL). A concept note for Ag-RDT has been in draft for submission to MeSAC/MRAC for a request of emergency use of Ag-RDT in Western New Britain. Support will be provided to CPHL for the

distribution of the COVID-19 laboratory commodities and COVID-19 EQA Proficiency Test panels. Discussion in progress with Singapore laboratory for increasing support during the end of 2020 and the beginning of 2021.

- □ Case Management and Infection Prevention and Control: Work is continuing for updating IPC guidelines. A national surge plan is being prepared, should there be a large increase in cases. COVID-19 clinical activities will be integrated into routine care. Support will be provided to incorporate COVID-19 screening with screening for other diseases such as malaria and TB. Feasibility of an emergency medical team is being established.
- □ Risk Communication & Non-Pharmaceutical Interventions (NPIs): Data analysis for the Rapid Convenience Survey results and editing of the content for the re-branded Healthier Together campaign are ongoing. Healthier Together Virtual Art Festival is scheduled on 20 December, to be aired on major TV stations. Deployment to the provinces from NCC continues to provide technical support for the outbreak response. RCCE training for influential leaders is planned in Central, Eastern Highlands, Jiwaka, Hela, Simbu, and Western Highlands.
- □ Logistics and Supplies: Support will be provided for CPHL for improving lab supply management. Final preparation for hand santizer shipment including dangerous goods declaration and packing and consignment to Air Niugini for provinces is underway. Laboratory supplies and reagents and additional supplies will be shipped out from the Air Niugini warehouse. After validation by CPHL, laboratory supplies and reagents will be sent to provincial laboratories from the week of 14 December. A plan is in place for cleaning up the warehouse, arranging the storage space and stocking for PPE, BIOMED, Lab supplies and other items. Physical inventory and warehouse management will be supported. A meeting will be held with the Head of Medical Facility and Equipment Branch and Port Moresby General Hospital CEO to discuss the implementation of the oxygen plant project.

#### **National Transmission Assessment**

#### 3 - Large-scale community transmission

Despite low rates of testing nationally, over the recent weeks there has been a large increase in the number of new cases. Between 7 and 13 December, 44 newly confirmed cases have been reported nationally from four provinces (35 cases from West New Britain, 3 from National Capital District, 4 from Western Highlands, and 2 from East New Britain). Sixteen out of 22 provinces have reported one or more cases since March 2020. Nationally, PNG remains in Stage 3 – large scale community transmission. In the past three weeks, there have been two growing clusters of cases in West New Britain Province, with healthcare workers and community members impacted. With ongoing population movement, increasing mass gatherings, and low compliance to non-pharmaceutical interventions, increasing cases are expected, especially over the holiday period. Movement out of provinces with higher caseloads (NCD and WNB) to other provinces has led to sporadic cases and local clusters reported by other provinces. Testing in all provinces remains critically low, and there are large significant delays in receiving test results. This has implications for isolating positive cases and undertaking contact tracing, increasing the risk of larger outbreaks and widespread community transmission as population mobility increases. Testing needs to increase substantially to understand the extent of transmission. Importation from bordering Papua Province in Indonesia and incoming travellers from other countries reporting COVID-19 cases

Health	days	no link	the past 7 days	>3 generations
		Cases in past 7 days with Ad		
	0	30	5	unknown*
	Cumulative NAT Tests	Cumulative Cases	Cumulative Deaths	Cumulative ICU Admissions
	36674	725	8	9
	NAT Tests past 7 days	New cases past 7days	Deaths past 7days	ICU Admissions past 7 days
COVID-19	1548	44	1	0
<b>Epi Update</b>	Tests	Cases	Deaths	ICU Admissions

Service Provision COVID-19

Health care workers Healthcare worker case trained in COVID19 reported past wee Case Management

Hospitals admitting ICU beds for COVID-19 patients COVID-19 patients

Non-ICU Hospital beds for COVID19 patients

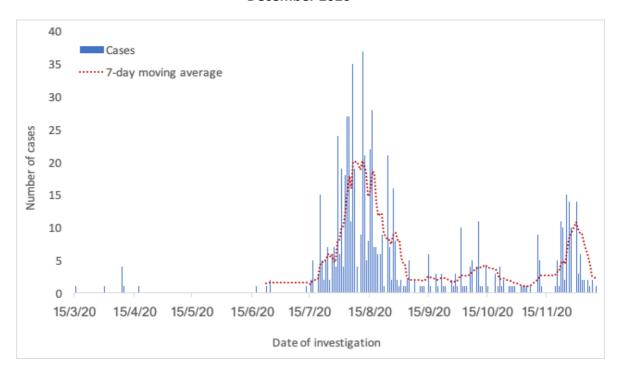
<sup>\*</sup> Case investigations are ongoing

# **Epidemiology**

 As of 13 December (12:00 pm), there have been 725 COVID-19 cases, and eight COVID-19 deaths reported in Papua New Guinea From the period of 7 to 13 December, there have been 44 new cases: 35 from West New Britain, 4 from Western Highlands, 3 from National Capital District, and 2 from East New Britain. Additional contact tracing and testing are ongoing for unlinked cases.

Figure 1. Epidemiological Curve of COVID-19 Cases in Papua New Guinea, 15 March to 13

December 2020



- The majority of the confirmed cases are male. Ages range from 1 to 87, with the majority of cases aged between 20 and 60 years.
- The disparity between males and females could be due to employment status, movement and male-dominated industries affected, health-seeking behaviour and access to testing.

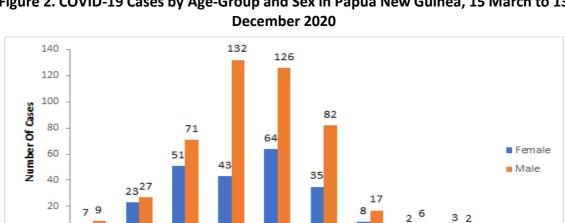


Figure 2. COVID-19 Cases by Age-Group and Sex in Papua New Guinea, 15 March to 13

Just over half (56%) of confirmed cases were asymptomatic during the presentations for swabbing (Figure 3). Contributing factors to the high proportion of asymptomatic cases could include health-seeking behaviours in Papua New Guinea, lack of reporting of past symptoms, lack of probing question about symptoms during swab collection, and testing early during the pre-symptomatic stage. Of the symptomatic cases, the most common symptoms were cough or fever (Figure 4).

Age Category

50-59

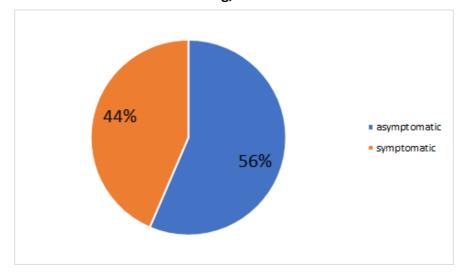
70-79

80-89

10-19

20-29

Figure 3. The proportion of Symptomatic and Asymptomatic COVID-19 Cases in Papua New Guinea at Time of Swabbing, March to 13 December 2020



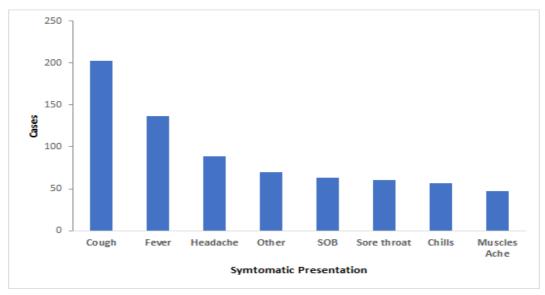


Figure 4. Symptoms on Presentation of COVID -19 Symptomatic Cases in Papua New Guinea, 15 March to 13 December 2020

- As sample collection and testing are low, there is a need to increase testing across all provinces. Work is being undertaken with the provinces, including the introduction of the antigen rapid diagnostic test, training of extra swabbers and a survey of barriers to and enablers of swabbing amongst healthcare workers, to address this aim.
- For the period of 7 to 13 December, the COVID-19 National Hotline received 2,048 calls. Of these, 40 (about 2%) were health-related calls. Twenty-four (24) of these were referred to Rapid Response Team/PHA. As of 13 December, the Hotline received a total of 143,042 calls. Of these, 4,787 (3.3%) were health-related calls. A total of 1,569 calls were referred to Rapid Response Team/PHAs.
- Papua Province in Indonesia is continuously reporting COVID-19 cases in areas that border Sandaun and Western Provinces. While the border is officially closed, traditional border crossing continues, and the threat of case importation remains high. As of 13 December, Papua Province has reported a total of 5,610 confirmed cases and 95 deaths among people who confirmed to have COVID-19 by RT-PCR (data accessible at <a href="https://dinkes.papuabaratprov.go.id/">https://dinkes.papuabaratprov.go.id/</a>).

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)		3,788
Total Number of Travelers Screened after SOE (17 June – 13 December)	Air	10,719
	Sea	671
	Land	6
	Total	11,386

# **Strategic Approach**

and will continue into 2021.

#### **National and Provincial Public Health Response**

☐ The Pandemic Response Coordination Group and the Health Operations Team continue to meet regularly at the National Control Centre. **COVID-19 Prevention and Control** ☐ The healthcare worker (HCW) survey is continuing, with over 300 telephone interviews completed to date with HCWs from 20 provinces. ☐ The eHDF is being promoted to ensure all incoming passengers can complete the eHDF before entry to the country. The form is available at https://www.pnghdf.info/. An ongoing discussion is underway to integrate eHDF and quarantine monitoring with tracking devices and mobile applications. ☐ Technical support was provided to Southern Highlands PHA through the inter-cluster provincial visit by NCC team comprised of representatives from surveillance, clinical management, risk communication and community engagement clusters. NCC/NDoH endorsed the National Guidelines for Clinical Management of COVID-19 and SOP for temperature screening for dissemination. ☐ NCC/NDoH endorsed the National Guidelines for Clinical Management of COVID-19 and SOP for temperature screening at non-health venues for dissemination. ☐ A list of health facilities conducting swabbing for COVID-19 has been compiled (Annex B). ☐ Using the updated training modules prepared with technical support from WHO, the districtlevel training is continued under the NDOH PNG COVID-19 Emergency Response Project financed by World Bank and with the technical backing by UNICEF and WHO. Training is yet to be completed in Eastern Highlands, Hela, Milne Bay, Morobe, Western, East Sepik, West Sepik, East New Britain, West New Britain, New Ireland and AROB. The training was put on hold in

November 2020 because of the nationwide polio campaign but resumed in early December 2020

Table 4. Number of Healthcare Workers and Programme Managers Trained under NDOH PNG COVID-19 Emergency Response Project Financed by World Bank and with technical support by UNICEF and WHO as of 13 December 2020

	Province	Number of Batches Completed	Number of Individuals Trained		Province	Number of Batches Completed	Number of Individuals Trained
1	Western Highland	3	72	8	Eastern Highland	1	32
2	Jiwaka	3	65	9	Southern Highland	3	43
3	Simbu	3	64	10	Gulf	1	21
4	Central	3	54	11	Milne Bay	2	38
5	Hela	1	18	12	Oro	2	44
6	Morobe	8	124	13	Western	2	80
7	Madang	2	85	14	Manus	1	25
TOTAL NUMBER OF BATCHES			35	1	OTAL NUMBER (		765

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

	Province Total			Province	Total	
	MOMASE REGIO	ON		NEW GUINEA ISLANDS REGION		
1	Madang	431	12	ARoB	37	
2	Morobe	549	13	East New Britain	236	
3	East Sepik	92	14	Manus	89	
4	West Sepik	200	15	New Ireland	320	
	HIGHLANDS REG	ION	16	16 West New Britain 328		
5	Eastern Highlands	146		SOUTHERN RE	GION	
6	Enga	112	17	Central	330	
7	Hela	99	18	Gulf	51	
8	Jiwaka	138	19	Milne Bay	132	
9	Simbu	64	20	NCD	269	
10	Southern Highlands	410	21	Oro	78	
11	Western Highlands	851	22	Western	154	

<sup>\*</sup>Trained under WHO training and NDOH PNG COVID-19 Emergency Response Project

Health Facilities	Number of Provinces	Number of Facilities OR Beds	Provinces that Reported
Pre-triage facilities	20	>120	ARoB, Central, EH, ENB, ES, Enga, Gulf, Hela, Jiwaka, Madang, Morobe, MB, NCD, NI, Oro, SH, Simbu, WS, Western, WH, WNB
Quarantine facilities	13	223	ARoB, EH, ENB, Enga, Hela, Jiwaka, Madang, Manus, Morobe, NCD, SH, Simbu, WH
Isolation facilities	17	271	ARoB, EH, ENB, Enga, Hela, Jiwaka, Madang, Manus, Morobe, MB, NCD, SH, Simbu, WS, Western, WH, WNB
Intensive Care Unit	16	93	AROB, EH, ENB, Enga, Gulf, Hela, Madang, Manus, Morobe, MB, NCD, SH, Simbu, WS, Western, WNB

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

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

- Technical support was provided on areas related to risk communications to the inter-cluster mission to Western, ARoB, West New Britain and NCD/ Central Provinces.
- Package of information materials for health workers, 'Protecting yourself at work from COVID-19: Resource materials for healthcare workers' is now being printed for distribution to the provinces.
- Videos on Niupela Pasin champions have been produced as part of Healthier Together Festival.
- The following activities are conducted under the NDOH's COVID-19 Emergency Response Project financed by World Bank and with technical support from UNICEF between 1 August and 11 December 2020: (1) 1,443 television commercial spots in EMTV, TVWan and TVWan Plus, including the bonus TVC spots given by the host television channels after 22 November 2020; (2) 1,968 radio spots in FM100, Hot FM, Yumi FM and Wantok Radio Light; and, (3) 58 COVID-19 advertisements that have been featured on daily newspapers (Post Courier and the National Newspaper) and in only Tok Pisin weekly newspaper (Wantok Niuspepa).
- Between 3 September and 26 November 2020, ADRA, Touching The Untouchable (TTU) and World Vision supported by UNICEF, trained 375 influential leaders in six provinces (Central, Eastern Highlands, Jiwaka, Simbu, Southern Highlands and Western Highlands) in Highlands and Southern regions.

	Monitoring Status							
			Impleme	Partial lift	Lifted			
Social Measures	Date first implemented	Date last modified	Geographical (national or sub- national)	Recommended or Required	Lifted for some area	Lifted for all areas		
Hand Hygiene and Respiratory Etiquette	16 January*	3 October	National	Required				
Wearing Face Masks	29 July	3 October	Sub-national**	Required				
School Closure	23 March	17 August	Sub-national	Required		$\sqrt{}$		
Workplace Closure	23 March	3 October	National***	Required				
Mass Gatherings	23 March	3 October	National	Required				
Stay at Home	23 March	3 October	Sub-national****	Required		$\sqrt{}$		
Restrictions on Internal Movement (within the country)	23 March	3 November	National	Required		$\sqrt{}$		
Restrictions on International Travel	14 February	13 November	National	Required	$\sqrt{}$			

Table 7. Monitoring of NPIs Implemented in Papua New Guinea

# **Logistics and Supplies**

- WHO encourages partners to utilise the COVID-19 Supply Portal accessible at https://covid-19-response.org/. The Portal is a purpose-built tool that assigns orders to purchase agencies that can execute and process them.
- Apart from the ongoing provincial logistics assessments in several provinces, there are continuing discussions with the National Department of Health on the integration/transition of the COVID-19 supplies into the routine supply chain, options for longer-term storage and alignment with the Medical Supplies Reform Master Plan.
- CPHL has undertaken validation for draft distribution plan for laboratory supplies and reagents.
- Inventory was carried out for supplies at Air Niugini warehouse. After approval from NCC on a distribution plan, supplies will be shipped to provinces for further pre-position supplies for December 2020, and January and February 2021.

# **Funding and Expenditure**

Below is a summary of COVID-19 funding and expenditure as of 28 November. The tables below
pertain 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 through other modalities (e.g. funding through UN Agencies, etc.).
Under the HSIP Trust Account, the total available funds from all sources are PGK 33,097,449.

<sup>\*</sup> First social media post done; \*\* In National Capital District; in public transportation (including Central Province) and aircraft, \*\*\*Only selected type of establishments; \*\*\*\* Curfew in NCD between 12 to 5 am

Table 8. COVID-19 Funding and Expenditure Summary by Fund Source as of 28 November 2020

No.	Funding Source	Initial Amount (PGK)	YTD Expend (PGK)	O/S Commitments (PGK)	Balance Available (PGK)
1	GoPNG NDoH 2019 HIV/AIDS Reprogrammed Funds	3,299,651	3,188,071	113,009	-
2	GoPNG COVID-19 Funds 2020 from Treasury 2020	43,300,000	36,615,307	6,684,693	-
3	GoPNG COVID-19 Funds 2020 from Treasury (NOC)	2,000,000	1,999,793	-	207
4	GoPNG New COVID-19 Funds 2020 for PHAs	37,000,000	2,000,000	29,100,000	5,900,000
5	GoPNG New COVID-19 Funds for NDOH Clusters	28,000,000	2,923,957	-	25,317,000
6	GoPNG COVID-19 Funds 2020 from Treasury (NCC)	2,000,000	853,001		1,335,396
7	DFAT Emergency COVID-19 Funding	24,800,967	19,250,000	3,348,122	2,202,845
8	UNICEF Contribution to COVID-19	368,480	367,971	-	509
9	WHO COVID-19 Surveillance Funds (for 22 Provinces)	634,240	634,240	-	-
10	Private Sponsors	1,181,001	1,108,500	-	72,501
11	New Zealand Government	6,298,800	6,001,901	-	296,899
12	UNFPA Support to COVID-19 Emergency Response	549,580	148,133	-	401,447
13	Incentive Funds for Risk Communication Support in WNB	156,171	156,171	_	-
	Total Funds in HSIP	149,588, 889	75,247,046	41,244,394	33,097,449

# ANNEX A – Quality Requirements for COVID-19 Medical Products

(Source: NDOH Circular No. 38/2020 Attachment)

#### **Quality Requirements for COVID-19 Medical Products**

Registered pharmaceutical importers, wholesalers and exporters are required to submit the following quality documentation in advance of importation. These technical documents must be current and in coloured copies of the original documents. The technical documents also be must be stamped and signed appropriately and must be legible and written in English.

#### **Medicines:**

- 1. Letter of authorisation from the manufacturer in the country of origin where the product will be sourced.
- 2. Certificate of Good Manufacturing Practice of the manufacturer.
- 3. Certificate of Pharmaceutical Product or evidence of registration by the mutual drug regulatory authority from the country of origin.
- 4. Certificate of Analysis of the Batch of the Product to be imported
- 5. Specimens of Product Labels or a clear coloured photograph of the Product to be imported.
- 6. The total quantity of the Product to be imported.

#### **Medical Devices:**

- 1. Letter of authorisation from the manufacturer of the medical device in the country of origin.
- 2. Quality Management System Certification: ISO: 13485: 2016 from the manufacturer of the Medical Device in the country of origin and Product Schedule.
- 3. Specimens of Product Labels or Product Brochure/Catalogue, including Medical Device Specifications.
- 4. The total quantity of the medical device to be imported.

# **ANNEX B – List of Health Facilities Conducting Swabbing for COVID- 19**

This list is undergoing further verification.

### **New Guinea Islands Region**

AROB		<b>East New Brit</b>	ain Province
North	Buka Hospital	Gazelle	Kerevat District Hospital
Central	Arawa District Hospital	Kokopo	St Mary's Hospital
South	Buin Health Centre		Butuwin Urban Clinic
		Pomio	Warangoi Health Centre
		Rabaul	Rabaul Urban Clinic
<b>Manus Province</b>	Manus Province		Province
Manus	Lorengau Provincial Hospital	Kavieng	Kavieng Provincial Hospital
			Lemakot Health Centre
		Namatanai	Kimadan Health Centre
			Namatanai Health Centre
			Simberi Health Sub Centre
			Konos Aid Post
Western New Br	itain		
Talasea	Kimbe Provincial Hospital		

# **Southern Region**

<b>Central Province</b>	Central Province		
Abau	Moreguina Health Centre	Kerema	Kerema Provincial Hospital
Kairiku- Hiri	PAU		
NCD		Western	
<b>Moresby North</b>	Pacific International Hospital	North Fly	Kiunga Health Centre
East	Gordons Urban Health Centre		Tabubil Hospital
		South Fly	Daru Provincial Hospital
<b>Moresby North</b>	Tokarara Urban Health Centre		
West	Port Moresby General		
	Hospital		
Moresby South	Badili Urban Health Centre		
	Kaugere Foursquare		
	Lawes Road		

# **Momase Region**

East Sepik Province		Madang		
Ambunti-	Ambunti Health Centre	Madang	Yagaum District Hospital	
Drekikir	Drekikir Health Centre		Madang PHA	
	Saussia Health Centre			
Maprik	Maprik District Hospital	West Sepik		
Wewak	Wewak Town Clinic	Vanimo Green	Vanimo Provincial Hospital	
Yangoru-	Yangorru Health Centre		Old Weather Station Triage	
Saussia	Kubalia Health Centre			
Morobe				
Bulolo	Bulolo District Hospital	Lae	ANGAU Base Hospital	
	Mumeng Health Centre		Malahang Health Centre	
	Wau Health Centre		Buimo Urban Clinic	
	Buang Health Sub Centre		Milfordhaven Urban Clinic	
Finschafen	Braun District Hopsital		Flores International Hospital	
Kabwum	Kabwum Health Centre	<b>Huon Gulf</b>	Morobe Health Centre	
Markham	Mutsing Health Centre		Salamua Health Centre	
	Wampar Health Centre	Menyamya	Menyamya Health Centre	
Tewai- Siassi	Wasu Aid Post	Nawae	Boana Health Centre	
			Bumayong Health Sub Centre	

# **Highlands Region**

Eastern Highlands Province		Enga Province	
Daulo	Asaro Health Centre	Kompiam-	Kompiam District Hospital
		Ambum	
Goroka	Eastern Highlands Provincial	Lagaip-Porgera	Laiagam District Hospital
	Hospital		
Kainantu	Kainantu District Hospital	Wabag	Wabag Provincial Hospital
			Sopas Urban Health Centre
Okapa	Okapa District Hospital	Wapenamanda	Mambisanda Health Centre
Jiwaka Province		Simbu Province	
Angalimp –	Nazarene General Hospital -	Chuave	Chuave Health Centre
South Wahgi	Jiwaka	Karimui- Nomane	Kilau Health Centre
	Kindeng Health Centre	Kundiawa-	
North Waghi		Gembogi	Kundiawa Provincial Hospital
	Nondugl Health Centre	Sinasina-	Koge Health Centre
	Fatima Urban Health Centre	Yonggamugl	
Southern Highlands Province		Western Highlands Province	
Ialibu-Pangia	Ialibu District Hospital	Mt Hagen	Mt Hagen Provincial Hospital
Mendi-Munihu	Mendi Provincial Hospital	Mul- Baiyer	Bukapena Health Centre
Nipa-Kutubu	Nipa Health Centre	Tambul- Nebilyer	Togoba Health Centre

# **ANNEX C - Photos**

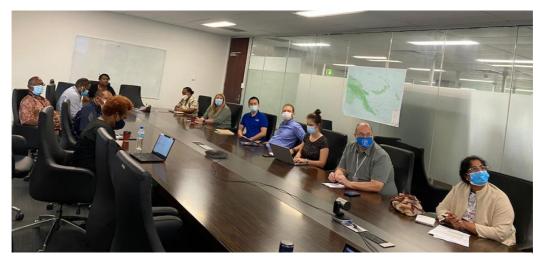


Photo 1. Health Operations meetings are held on Mondays, Wednesdays and Fridays.



Photo 2. Preparation for the Virtual Art Festival on Healthier Together.

#### **ANNEX D – Risk Communication Products**



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