

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 11 October (12:00 pm), there have been 554 COVID-19 cases and seven COVID-19 deaths reported in Papua New Guinea. From the period of 05 to 11 October, there have been 14 new cases: 12 from the National Capital District and 2 from West New Britain Province. The total number of provinces that have reported COVID-19 cases to date is thirteen.
- ❑ On 09 October, new Health Minister Sir Dr Puka Temu visited the National Control Centre (NCC) and commended the inter-agency collaboration for the COVID-19 response in a meeting with representatives from different government agencies, donor agencies and the private sector. He also emphasised the importance of supporting the provinces in the COVID-19 response.
- ❑ Planning sessions for the third phase of National Control Centre (NCC) Operational Blueprint were conducted on 06 and 07 October. The reporting cycle has now been extended to 6 weeks from 4 weeks.
- ❑ Teams from the NCC provided technical support in some provinces for specific areas of response: (1) Laboratory Team visited Nonga General Hospital and Butuwin Urban Clinic to assess the current laboratory capacity and readiness for conducting COVID-19 testing in East New Britain; and (2) Community Engagement Team from NCD and WHO visited 9-mile community for a follow-up community engagement activity.
- ❑ On 06 -09 October, the Council of Churches conducted a church sensitisation workshop among the clergymen of the Momase Region. This was held in Madang with support from UNICEF and WHO.
- ❑ The Rapid Convenience Survey on people's knowledge, perceptions and behaviours on COVID-19 was completed in eleven provinces with support from WHO and various partners: Central, East Sepik, West Sepik, Madang, Gulf, Southern Highlands, Jiwaka, Autonomous Region of Bougainville, National Capital District, Morobe and Eastern Highlands.

Table 1. COVID-19 IN PAPUA NEW GUINEA¹

	New Cases (05-11 October 2020)	Cumulative Total
National Capital District	12	334
Western	0	191
Central	0	7
Morobe	0	5
West New Britain	2	5
East Sepik	0	3
East New Britain	0	2
Milne Bay	0	2
AROB	0	1
Eastern Highlands	0	1
New Ireland	0	1
Sandaun	0	1
Southern Highlands	0	1
TOTAL	14	554

¹ As of 2020/10/11, 12:00 pm, PNG time

Table 2. COVID-19 GLOBAL AND REGIONAL UPDATE²

	Confirmed Cases	Deaths
Global	37 109 851	1 070 355
Western Pacific	651 841	14 265

² WHO COVID-19 Dashboard as of 2020/10/11, 2:45 pm CEST

Upcoming Events and Priorities

- ❑ **Coordination:** The third phase of the NCC Operational Blueprint covers the period between 5 October and 15 November 2020. The NCC will report on the progress of implementation every 6 weeks.
- ❑ **Surveillance:** A risk assessment algorithm has been developed for evaluating risk of importation from other countries in preparation for the resumption of international flights with consideration of type of measure to be in place for risk level. Domestic risk assessment framework has also been developed to guide provinces in decision making around measures. Surveillance, contact tracing, RRT and sample collection SOPs have been revised, and surveillance training materials are currently being updated. The electronic Health Declaration Form (eHDF) is currently being piloted with a two-week review being undertaken this week. Plans for a full roll-out with possible start in December has been endorsed by the

e-Health Technical Working Group. There is ongoing engagement with health and non-health sector stakeholders to increase uptake of eHDF use by incoming travellers.

- ❑ **Laboratory:** Laboratory visits are scheduled for nominated regional laboratories and other facilities in Western Highlands and Western Province. IATA training is planned in Kimbe (East New Britain) on 19-21 October and in Goroka (Eastern Highlands) on 26-28 October. COVID-19 Laboratory Response Plan is under development. To increase the testing capacity in the country, the National Control Centre and the NDoH are studying the introduction of antigen rapid diagnostic tests with guidance from WHO. A total of 2120 GeneXpert cartridges is in the pipeline for procurement with support from WHO. NDoH, UNOPS and WHO will discuss regarding the delivery and operationalisation of the containerised PCR laboratory in Nonga General Hospital.
- ❑ **Case Management and Infection Prevention and Control:** Critical care and ventilator training will be conducted with support from NDoH, WHO and UNICEF by the end of October 2020. Harmonised checklist for health facilities is under development. An IPC Handbook for healthcare workers is the final stages of development. The NCC Clinical Management and IPC teams have planned visits to eight provinces in October and November to provide technical support: East Sepik; Southern Highlands; Morobe; Milne Bay; East New Britain; New Ireland; West New Britain; and, Autonomous Region of Bougainville. District-level trainings supported by UNICEF and World Bank are on hold as the NCC Health Operations Team complete the updating of the training materials.
- ❑ **Risk Communication & Non-Pharmaceutical Interventions (NPIs):** The Rapid Convenience Survey is ongoing under the leadership of the Provincial Control Centres, Provincial Health Authorities and the NCC Risk Communication and Community Engagement Cluster with technical and operational support from WHO. The next round of the church leaders' sensitisation workshops organised by the PNG Council of Churches is scheduled to take place in the Southern region on 21 October with technical support from WHO and UNICEF.

National Transmission Assessment

3 – Large-scale community transmission

Due to low testing, there have been only few reported cases in the past 7 days. Between 04 and 11 October, 14 newly confirmed cases have been reported nationally from two provinces. Thirteen out of 22 provinces have reported a case or more since March 2020. Of the new cases in the past 7 days, 12 (85.7%) have been reported from NCD. Two cases (14.3%) were reported from West New Britain Province. With lack of testing in the community surrounding the mine site from where a large localised cluster of confirmed cases was reported, it is difficult to determine extent of transmission in Western Province. Majority of provinces have reported 1 to 2 sporadic cases, with cases having travel history from Port Moresby or contact with a positive case from Port Moresby which demonstrates the extent of transmission in the National Capital District. With ongoing population movement and low compliance to non-pharmaceutical interventions in NCD, increase in cases is expected. With movement to provinces, it is expected to see sporadic cases and local clusters reported by other provinces. Testing in all provinces remains critically low, therefore ongoing transmission in other parts of the country is a possibility as population mobility continues. Importation from bordering Papua Province in Indonesia and incoming travellers from other countries reporting COVID-19 cases also remains a threat. Testing needs to increase substantially to understand the extent of transmission.

Epi Update COVID-19

Tests 715 NAT Tests past 7 days	Cases 14 New cases past 7 days	Deaths 0 Deaths past 7 days	ICU Admissions 0 ICU Admissions past 7 days
26620 Cumulative NAT Tests	554 Cumulative Cases	7 Cumulative Deaths	8 Cumulative ICU Admissions
0 Imported Cases in past 28 days	8 Cases in past 7 days with no link	2 Active Clusters in the past 7 days	* Active clusters with >3 generations

Health Service Provision COVID-19

5080 Health care workers trained in COVID19 Case Management	0 Healthcare worker cases reported past week	1 Hospitals admitting COVID-19 patients	93 ICU beds for COVID-19 patients	339 Non-ICU Hospital beds for COVID19 patients
---	--	---	---	--

* Case investigations are ongoing

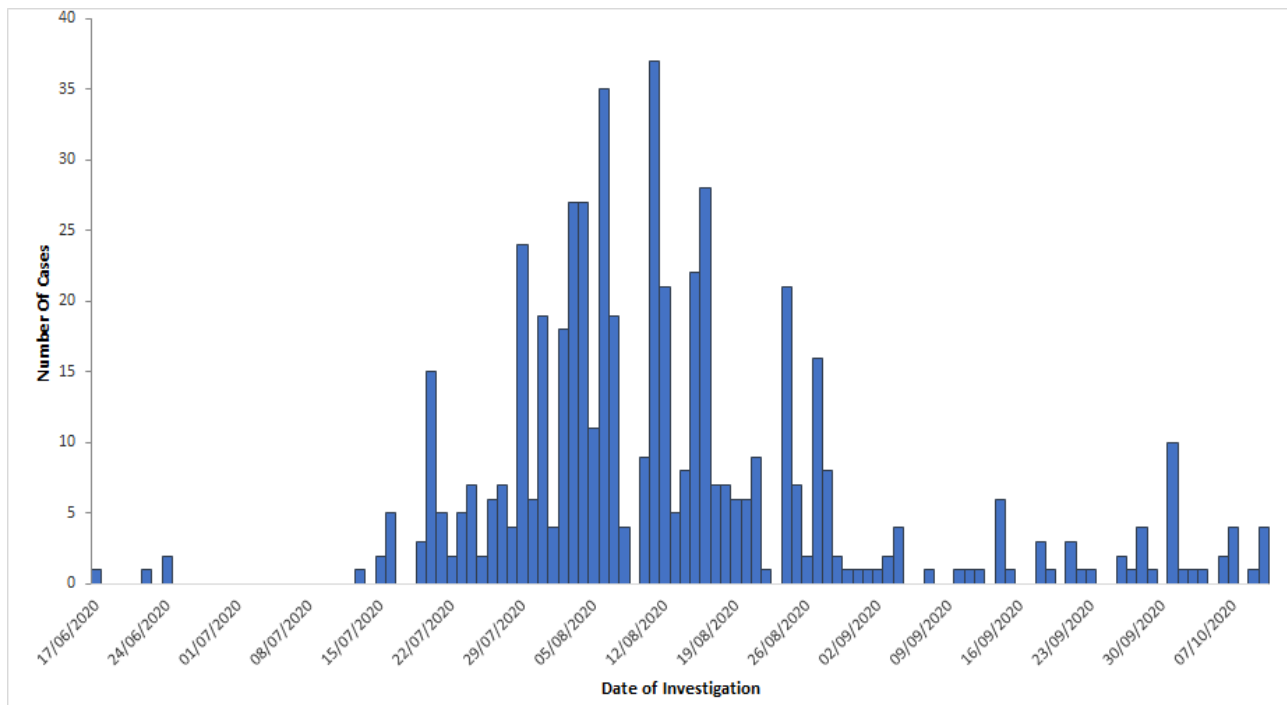
Epidemiology

- As of 11 October (12:00 pm), there have been 554 COVID-19 cases and seven COVID-19 deaths reported in Papua New Guinea. From the period of 05 to 11 October, there were fourteen new cases reported nationwide: 12 from the National Capital District and 2 from West New Britain Province. The total number of provinces that have reported COVID-19 cases to date is thirteen. Contact tracing is ongoing for all the cases confirmed.
- There are now confirmed COVID-19 cases reported from 13 out of 22 provinces (60%): NCD (334), Autonomous Region of Bougainville (1), Central (7), Eastern Highlands (1), East New Britain (2), East Sepik (3), Milne Bay (2), Morobe (5), New Ireland (1), Sandaun (1), Southern Highlands (1), West New Britain (5) and Western (191).

Figure 1. Distribution of COVID-19 Cases Reported in Papua New Guinea, March to 11 October 2020

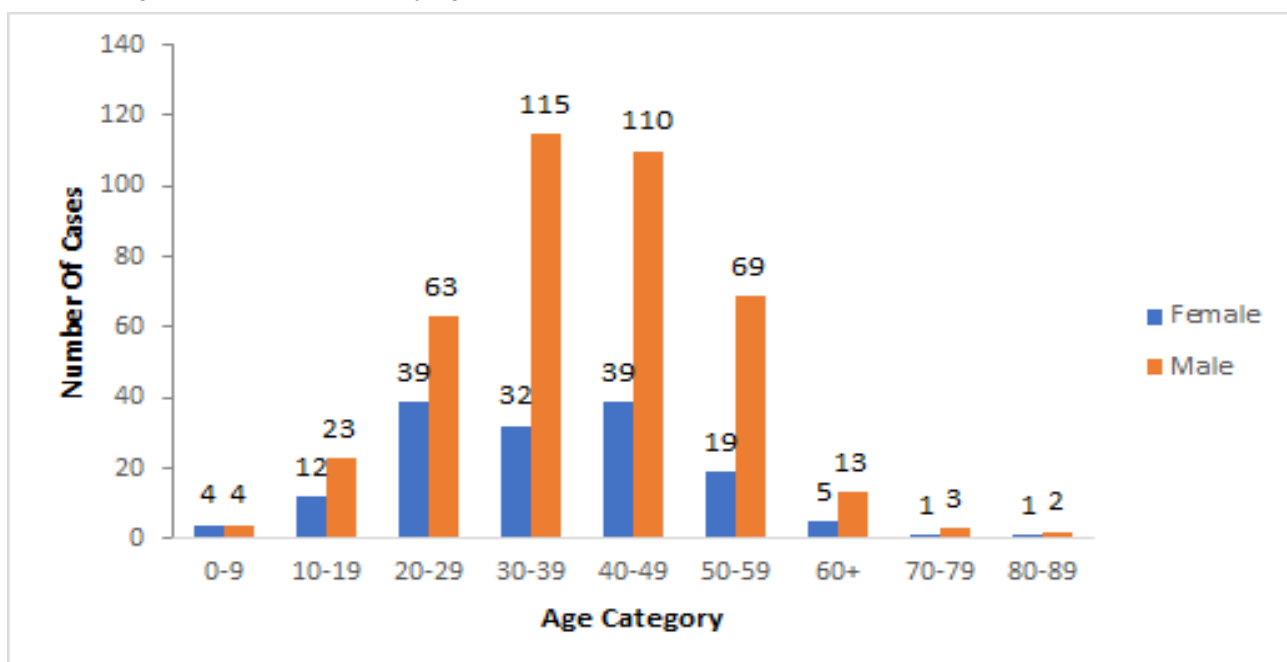


Figure 2. Epidemiological Curve of COVID-19 Cases in Papua New Guinea, March to 11 October 2020



- Majority of the confirmed cases are male. Ages range from 1 to 84, with majority of cases aged between 20 and 60 years.
- Nationally, majority of all confirmed cases are male. This could be due to employment status, movement and male-dominated industries affected, health seeking behavior and access to testing.

Figure 3. COVID-19 Cases by Age-Group and Sex in Papua New Guinea, March to 11 October 2020



- Most (58%) confirmed cases report being asymptomatic during presentation for swabbing (Figure 4). Contributing factors to the larger percentage of asymptomatic cases could be due to resilience and health seeking behaviours in Papua New Guinea, lack of reporting of past symptoms, lack of probing question about symptoms during swab collection, testing early during pre-symptomatic stage and mass testing. Of the symptomatic cases (42%), majority presented with cough (28%) or fever (20%) (Figure 5).

Figure 4. Proportion of Symptomatic and Asymptomatic COVID-19 Cases in Papua New Guinea at Time of Swabbing, March to 11 October 2020

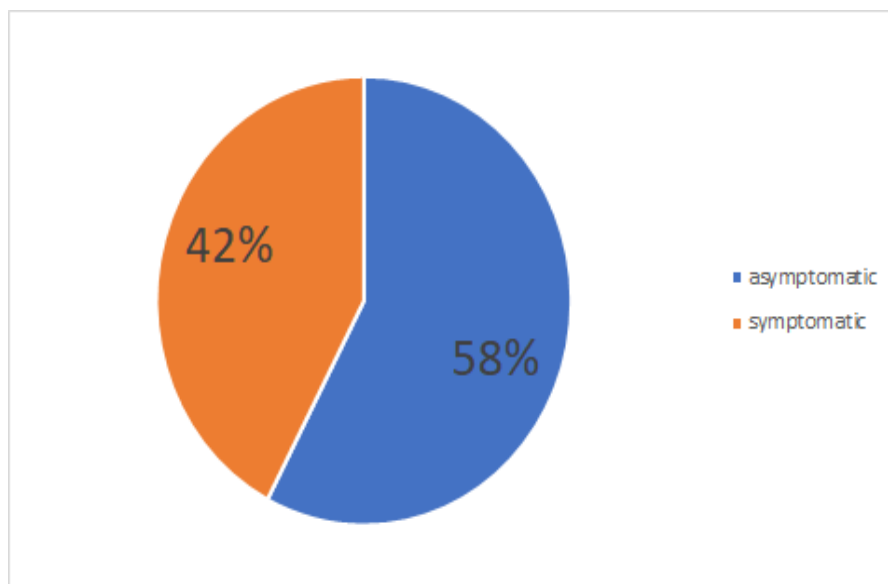
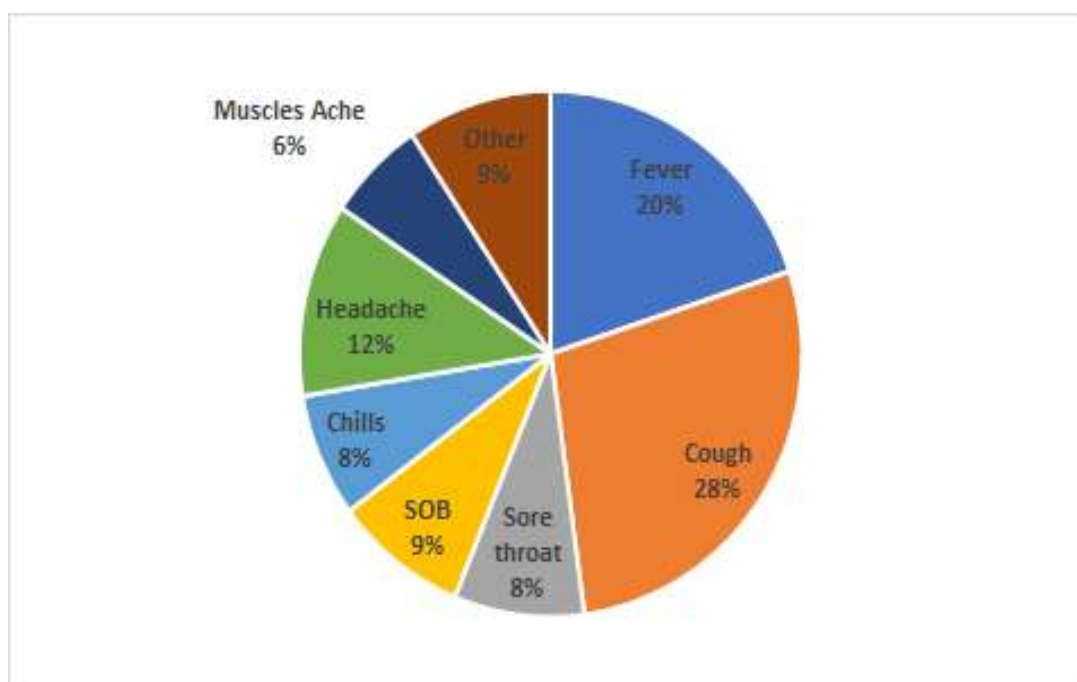


Figure 5. Symptoms on Presentation of COVID -19 Symptomatic Cases in Papua New Guinea, March to 10 October 2020



- As sample collection and testing are low, there is a need to increase testing across all provinces
- For the period of 05 to 11 October, the COVID-19 National Hotline received 2649 calls. From which, 38 (1.4%) were health-related calls. Twenty-eight of these were referred to Rapid Response Team/PHA. As of 09 October, the Hotline received 124 822 calls. Of these, 4430 (3.5%) were health-related calls. A total of 1342 calls were referred to Rapid Response Team/PHA.
- 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 10 October, Papua Province has reported a total of 7634 confirmed cases and 119 deaths (data accessible at <https://covid19.papua.go.id/>).

Table 3. Persons Screened by Point of Entry

Total Number of Travelers Screened before SOE (until 22 March)	29 387	
Total Number of Travelers Screened during SOE (23 March – 16 June)	3788	
Total Number of Travelers Screened after SOE (17 June – 11 October) * 3 passengers and the rest are crew	Air	5903
	Sea*	671
	Land	6
	Total	6580

Strategic Approach

National and Provincial Public Health Response

- The Pandemic Response Coordination Group continues to meet daily, while the Health Operations Team meets thrice weekly (M-W-F).
- Planning sessions for the third phase of NCC Operational Blueprint were conducted on 06 and 07 October. The reporting cycle has now been extended to 6 weeks from 4 weeks.

COVID-19 Prevention and Control

- The Australian Medical Assistance Team (AUSMAT) has already completed their assignment in PNG. The team provided important recommendations in their final report: (1) Epidemiology/Surveillance and Laboratory Clusters are encouraged to rethink testing and surveillance strategy as the current strategy is not able to generate reliable and useful information about the extent of the COVID-19 transmission in PNG; (2) NDoH and WHO should work more closely and directly with PHAs; (3) Supply chain is a critical weakness that needs to be addressed as a priority; and, (4) Shift COVID-19 clinical management focus from ventilators (as these require significant resources and expertise) to oxygen therapy and therapeutics (e.g. steroids).
- After obtaining the endorsement from the e-Health Technical Working Group, teams from the NCC and NDOH with support from WHO have started the discussions with various stakeholders regarding the rollout of the electronic Health Declaration Form (eHDF). A meeting was held on 7 October with the Department of Foreign Affairs and International Trade, Immigration and Citizenship Authority and PNG-based airlines to discuss how incoming PNG-bound travellers will be informed regarding the eHDF.
- The Laboratory Team visited Nonga Base Hospital and Butuwin Urban Clinic to assess the current laboratory capacity and readiness for conducting COVID-19 testing in East New Britain.
- Preliminary survival analysis was carried out with the data from the NCD clinical management database obtained from Rita Flynn Isolation Facility and Port Moresby General Hospital with support from WHO. The main findings were: (1) The number of males admitted was about 1.8 times higher than females (about 64% males vs 36% females); (2) Median patient age was 39 years old with an age range between 1 and 84 years old; (3) More than half (53%) of the patients had mild symptoms, with asymptomatic, severe and moderate cases at 30%, 9% and 8%, respectively; (4) The average length of admission was five days; the shortest stay was a day and the longest stay was 60 days; (5) On average, the reported delay in admission at the isolation facilities was at 4.4 days; (6) Mortality was at 0.44%, and only 1.4% of those

who died had severe acute respiratory infections; and, (6) Risk of morbidity and mortality is likely to be associated with being more than 60 years old and having chronic diseases (diabetes mellitus, hypertension, cancer) and other communicable diseases such as tuberculosis.

- CoHELP Training Programme hosted a webinar on infection control, which encouraged the participants to access the COVID-19 Infection Prevention and Control planning template and use it in the health facilities in the country.
- The Cleaning and Disinfection Guidelines for Non-Health Facilities, Home Quarantine Guidelines and Home Isolation Guidelines are now approved by the NDOH and NCC Health Operations Incident Manager. A follow up will be made regarding next steps for dissemination and implementation.
- The new Minister for Health and HIV/AIDS Sir Dr Puka Temu was briefed by WHO on 09 October regarding the status of COVID-19 vaccines and COVAX Facility.
- District-level trainings have been put on hold in the provinces under the NDOH's COVID-19 Emergency Response Project financed by the World Bank and with technical support by UNICEF and WHO. The training materials are undergoing updating to reflect new guidelines and guidance materials developed recently.

Table 4. Number of Healthcare Workers and Programme Managers Trained under the NDOH PNG COVID-19 Emergency Response Project Financed by World Bank and with technical support by UNICEF and WHO as of 11 October 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	1	44
7	Madang	2	85				
TOTAL NUMBER OF BATCHES			33	TOTAL NUMBER OF TRAINED INDIVIDUALS			704

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

Province			Total	Province			Total
No.	MOMASE REGION			No.	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
No.	HIGHLANDS REGION			16	West New Britain		328
5	Eastern Highlands		146	No.	SOUTHERN REGION		
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		118

*Trained under WHO trainings and NDOH PNG COVID-19 Emergency Response Project

Table 6. Number of Facilities and Beds for COVID-19 as of 11 October 2020

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	339	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) – NIUELA PASIN

- The Rapid Convenience Survey has been completed in eleven provinces: Central, East Sepik, West Sepik, Madang, Gulf, Southern Highlands, Jiwaka, Autonomous Region of Bougainville, NCD, Morobe and Eastern Highlands. The survey is spearheaded by the NCC Risk Communication and Community Engagement Cluster with technical and operational support from WHO.
- Community Engagement Team from NCD, with support from WHO, visited 9-Mile settlement for a follow-up community engagement activity. The team continued the pre-testing of key messages and the community members shared their creative ideas in song and poem.
- On 06 -09 October, the Council of Churches conducted a church sensitisation workshop among the clergymen of the Momase Region. This was held in Madang with support from UNICEF and WHO.

Table 7. Monitoring of NPIs Implemented in Papua New Guinea

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

* 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

- The following activities are conducted under the NDOH's COVID-19 Emergency Response Project financed by World Bank and with technical support from UNICEF: (1) multi-media campaign is ongoing with particular messaging related to adherence to quarantine, prevention measures, basic hygiene practices, mask wearing, testing, stigma and community unity; (2) mass media, with a volume of 800 insertions is run through TVWAN, NBC TV, NBC National Radio, EMTV, Radio Light, FM100, Hot97 FM, YUMI FM, Nou FM, Legend FM, the National, Post Courier and Wantok Niuspepa; and, (3) NCD PHA Community Outreach and COVID-19 awareness booths and handwashing facilities continue to operate at Boroko and Gordons marketplaces, Waterfront and Vision City malls as well as the national and domestic terminals of Jacksons International Airport.

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.
- Updating is ongoing for COVID-19 supply data to support procurement planning and distribution.

Funding and Expenditure

- Below is a summary of COVID-19 funding and expenditure by fund source as of 09 October. The table below pertains only to funds that were held and transacted through the NDOH Health Services Improvement Program (HSIP) Trust Account, thus not comprehensive to cover all COVID-19 support made available to the country and provinces through other modalities (e.g. funding through UN Agencies, etc.). Under the HSIP Trust Account, the total available funds from all sources is PGK 48 576 575.

Table 10. COVID-19 Funding and Expenditure Summary by Fund Source as of 09 October 2020

No.	Funding Source	Initial Amount	YTD Expend	O/S Commitments	Balance Available
1	GoPNG NDoH 2019 HIV/AIDS Reprogrammed Funds	3 299 651	3 133 002	166 649	-
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	16 900 000	18 100 000
5	GoPNG New COVID-19 Funds for NDOH Clusters	28 000 000	2 515 177	-	25 484 823
6	GoPNG COVID-19 Funds 2020 from Treasury (NOC)	2 000 000	155 289	-	1 844 711
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	213 328	-	155 152
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	5 990 000	-	308 800
12	UNFPA Support to COVID-19 Emergency Response	549 580	142 045	-	407 535
Total Funds in HSIP		149 432 719	73 756 680	27 099 464	48 576 575

Table 11. COVID-19 Government and Development Partners Funding and Expenditure Summary as of 09 October 2020

No.	Funding Source	Amount Received	Total Expenditure	Committed Funds	Funds Available
1	Government of Papua New Guinea	115 599 651	46 418 567	23 751 342	45 429 742
2	Development Partners	33 833 068	27 338 113	3 348 122	3 146 833
TOTAL		149 432 719	73 756 680	27 099 464	48 576 575

Best Practice/Lessons Learned

Response Enabling Factors and Adjustments to the Response

- Coordination among the pillars/clusters is critical to maximize resources and enhance the synergy among the teams. It would be best if provincial visits are joint missions across response pillars. Planning and close coordination with the Provincial Health Authorities are also crucial for the success of the duty travels.
- The COVID-19 response in PNG is updated on the NDOH's website. Weekly national situation report is issued and made accessible at <https://covid19.info.gov.pg/>.

ANNEX A – Provincial Updates

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

UPDATED 11 October 2020	Southern Region					
	Western	Gulf	Central	NCD	Milne Bay	Oro
Total Provincial Population	299,351	190,153	317,847	449,469	347,546	236,700
Incident Management and Planning						
PCC functioning	Yes	Yes	Yes	Yes	Yes	Yes
PEOC functioning	Yes	Yes	Yes	Yes	Yes	Yes
Surveillance						
No. of trained rapid response teams	1	0	1	1	4	1
No. of trained contact tracing teams	0	0	1	1	1	1
No. of trained quarantine teams	1	0	1	1	1	1
Laboratory / Waste Management						
No. of available swabs/UTMs	800/166	10	340	700	376	250
No. of functioning GeneXpert machines	3	3	2	3	1	1
No. of available GeneXpert cartridges	13	29	20	0	60	38
No. of GeneXpert – trained staff	3	2	1	CPHL	2	2
No. of functioning biosafety cabinets	0	1	1	1	1	1
No. of functioning incinerators	0	1	0	1	0	0
Clinical Management						
No. established pre-triage sites	8	1	3	18	6	2
No. quarantine beds	0	0	0	Hotels	0	0
No. of quarantine beds per 10,000 population	0	0	0	-	0	0
No. isolation ward beds	24	0	0	76	7	0
No. of isolation beds per 10,000 population	0.80	0	0	1.69	0.20	0
No. inpatient beds at provincial hospital	109	36	19	1096	160	109
Critical Care						
No. ICU beds	4	3	0	4	2	0
No. of ICU beds per 10,000 population	0.13	0.16	0	0.09	0.06	0
No. of functioning oxygen concentrators	0	0	1		0	0
No. functioning ventilators	0	0	0	2	0	0
No. of nurses trained in critical care	2	1	9	135	20	4
No. of anaesthetists	5			7	1	
No. of anaesthetic scientific officer	1	2	5	2	2	2
Workforce						
No. of doctors	9	6	0	244	20	10
No. of nurses and midwives	19	48	13	704	264	80
No. of health extension officers	2	8	35	6	29	9
No. of community health workers	40	88	198	282	493	107
Total clinical workforce COVID-19 trained	71	30	276	94	94	34
Total health workforce *	258	281	316	274	1163	302

UPDATED 11 October 2020	New Guinea Island Region				
	WNB	ENB	Manus	NI	ARoB
Total Provincial Population	348,596	375,875	66,918	218,472	334,162
Incident Management and Planning					
PCC functioning		Yes	Yes	Yes	Yes
PEOC functioning	No	Yes	Yes	Yes	Yes
Surveillance					
No. of trained rapid response teams	2	3	2	4	3
No. of trained contact tracing teams	2	3	2	4	3
No. of trained quarantine teams	2	3	2	4	
Laboratory / Waste Management					
No. of available swabs/UTMs	20	1087	300	328	450
No. of functioning GeneXpert machines	2	2	1	2	2
No. of available GeneXpert cartridges	20	82	48	48	0
No. of GeneXpert – trained staff	5	6	5	4	0
No. of functioning biosafety cabinets	1	0	1	1	0
No. of functioning incinerators	1	1	1	1	0
Clinical Management					
No. established pre-triage sites	3	5	0	1	3
No. quarantine beds	0	32	24	0	28
No. of quarantine beds per 10,000 population	0	0.85	3.59	0	0.84
No. isolation ward beds	4	5	6	0	8
No. of isolation beds per 10,000 population	0.11	0.13	0.90	0	0.24
No. inpatient beds at provincial hospital	271	213	92	106	
Critical Care					
No. ICU beds	1	3	2	0	4
No. of ICU beds per 10,000 population	0.03	0.08	0.30	0	0.12
No. of functioning oxygen concentrators	2	8	0	0	0
No. functioning ventilators	2	2	0	0	0
No. of nurses trained in critical care	6	16	3	8	6
No. of anaesthetists	2	7	1	0	3
No. of anaesthetic scientific officer	0	2	0	2	
Workforce					
No. of doctors	15	19	6	16	10
No. of nurses and midwives	171	254	64	209	94
No. of health extension officers	52	23	13	31	3
No. of community health workers	247	257	81	192	71
Total clinical workforce COVID-19 trained	328	236	89	320	37
Total health workforce *	749	895	292	611	235

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

UPDATED 11 October 2020	Highlands Region						
	EHP	Simbu	Jiwaka	Hela	WHP	Enga	SHP
Total Provincial Population	717,957	378,381	332,619	304,955	442,638	480,691	651,001
Incident Management and Planning							
PCC functioning	Yes	Yes	No	Yes	Yes	Yes	
PEOC functioning	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Surveillance							
No. of trained rapid response teams	2	7	1	1	1	10	1
No. of trained contact tracing teams	2	8	1	1	1	1	5
No. of trained quarantine teams	1	2	1	1	1	1	5
Laboratory / Waste Management							
No. of available swabs/UTMs	50	550	150	400	350	100	100/100
No. of functioning GeneXpert machines	4	3	1	1	4	3	2
No. of available GeneXpert cartridges	38	83	50	36	97	8	20
No. of GeneXpert – trained staff	1	3	3	3	10	6	40
No. of functioning biosafety cabinets	1	1	1	0	2	1	1
No. of functioning incinerators	0	1	1	1	1	3	1
Clinical Management							
No. established pre-triage sites	1	7	28	2	7	3	3
No. quarantine beds	14	10	20	6	10	10	10
No. of quarantine beds per 10,000 population	0.19	0.26	0	0.20	0.23	0.21	0.15
No. isolation ward beds	5	1	30	6	11	10	4
No. of isolation beds per 10,000 population	0.07	0.03	0.00	0.20	0.25	0.21	0.06
No. inpatient beds at provincial hospital	306	233	129	86	252	86	425
Critical Care							
No. ICU beds	12	8	0	6	0	10	6
No. of ICU beds per 10,000 population	0.17	0.21	0	0.20	0	0.21	0.09
No. of functioning oxygen concentrators	4	6	5	1	7	3	
No. functioning ventilators	2	3	0	0	1	0	
No. of nurses trained in critical care	60	6	1	1	30	8	9
No. of anaesthetists	9	0	0	0	0	0	5
No. of anaesthetic scientific officer	3	4	3	2	5	3	
Workforce							
No. of doctors	28	30	1	9	35	34	18
No. of nurses and midwives	222	305	146	86	217	163	151
No. of health extension officers	15	15	8	13	13	34	10
No. of community health workers	371	197	102	80	293	226	189
Total clinical workforce COVID-19 trained	114	431	73	81	112	169	367
Total health workforce *	899	495	257	214	852	761	857

Updated in the past 7 days

incomplete/pending / not reported

ANNEX B – Photos



Photo 1. Meeting between the Health Minister, Sir Dr Puka Temu and the Inter-Agency Pandemic Response Coordination Group



Photo 2. Meeting of the Pandemic Response Coordination Group held daily at the National Control Centre



Photo 3. NCC Operational Blueprint planning held on 6 and 7 October 2020.



Photo 4. Health Operations meeting held thrice weekly at the National Control Center



Photo 5. Laboratory team from NDoH and WHO visited Nonga General Hospital and Butuwin Urban Clinic



Photo 6. Community engagement and discussions at 9-Mile community in National Capital District



Photos 7-8. Conduct of Sensitization Workshop for the Momase Region by PNG Council of Churches with support from UNICEF and WHO



Photos 9-14. Conduct of Rapid Convenience Survey in Eastern Highlands, National Capital District and Jiwaka

ANNEX C – Risk Communication Materials



For more information about this Situation Report, contact:

Dr Daoni Esorom

A/Executive Manager, Public Health, National Department of Health
Email: daoniesorom@gmail.com; Mobile: +675-72313983

Mr Eric Salenga

Information and Planning Team, World Health Organization
Email: salengar@who.int