Situation Summary and Highlights

- The total number of confirmed COVID-19 cases in Papua New Guinea remains at eleven, with the last case confirmed on 25 June.
- The last three cases identified in PNG were detected several weeks after infection. The risk of onward transmission during the infectious period of these cases is high, and transmission mitigation measures are critical.
- Of the eleven confirmed cases, four had a history of travel to countries reporting COVID-19 cases. Seven of the eleven cases had no travel history during the likely period of infection.
- Papua Province in Indonesia continues to report 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.
- Even with enhanced testing strategy, testing rates remain low. National Control Center is supporting provinces address barriers and increase testing with provision of supplies such as PPE and swabs, training of health workers, improving transportation of specimens and enhancing community support to address stigma and fear.
- The Deputy Controller, Acting Secretary for Health Dr Paison Dakulala, ordered on 07 July that all patient screening and diagnosis of COVID-19 using any RDT antibody test must cease immediately.
- From 3 to 9 July, the average national daily COVID-19 surveillance reporting rate is only at 56%.

Upcoming Events and Priorities

- **Testing and Surveillance**: Testing is enhanced with the implementation of an expanded testing strategy. The approach includes testing of: (1) all patients presenting at health facilities meeting COVID-19 case definition; and, (2) several patients each day with influenza-like illness and simple cough. Surveillance and Regional Coordination Teams continue to raise awareness on the need to increase sample collection at health facilities and remind provinces to submit daily surveillance reports.
- **Case Management & Infection Prevention and Control**: The priority is to accelerate the readiness of functioning quarantine and isolation facilities in all provinces. A team from NDOH and WHO provide mentoring to public health clinics for pre-triaging and infection prevention and control. Supplies are distributed and tracked at the National Control Centre. Resource mobilisation is done to address the current resource gaps.
- **Risk Communication & Non-Pharmaceutical Interventions (NPIs)**: Work is ongoing to sustain messaging on prevention measures at national and provincial levels. Technical support is provided to provinces for training and development of information products on Niupela Pasin (New Normal) such as on physical distancing and hygiene measures.
- **Coordination**: The Provincial Control Centres will convene in the coming week. Provincial reporting will be sent weekly to the National Control Centre using the Provincial Reporting Template.

National Transmission Assessment

**Localised clusters/ localised community transmission**

There has been no new confirmed COVID-19 case since June 25. To determine whether community transmission continues in Papua New, testing capacity is being expanded across major provincial and district health facilities. However, given the limited epidemiological links established for the most recent cases, including no travel history, there is a high probability community transmission continues. No new district has reported cases with Cases #9, #10 and #11 all reported from the National Capital District, indicating that transmission is likely localised. However, potential importation from bordering Papua province in Indonesia and incoming travellers from other countries reporting COVID-19 cases remains a threat. There is currently no evidence of hospitals being overwhelmed, therefore, large-scale community transmission unlikely.
Papua New Guinea Coronavirus disease 2019 (COVID-19)  
Health Situation Report 29 (Released: 12 July 2020; Report Period: 03 – 09 July 2020)

**Epi Update COVID-19**

<table>
<thead>
<tr>
<th>Tests</th>
<th>Cases</th>
<th>Deaths</th>
<th>ICU Admissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>165</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Cumulative**

<table>
<thead>
<tr>
<th>NAT Tests past 7 days</th>
<th>New cases past 7 days</th>
<th>Deaths past 7 days</th>
<th>ICU Admissions past 7 days</th>
</tr>
</thead>
<tbody>
<tr>
<td>6849</td>
<td>11</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Health Service Provision COVID-19**

<table>
<thead>
<tr>
<th>Health care workers trained in COVID19 Case Management</th>
<th>Healthcare worker cases reported past week</th>
<th>Hospitals admitting COVID-19 patients</th>
<th>ICU beds for COVID-19 patients</th>
<th>Non-ICU Hospital beds for COVID19 patients</th>
</tr>
</thead>
<tbody>
<tr>
<td>4206</td>
<td>0</td>
<td>15*</td>
<td>75</td>
<td>&gt;278</td>
</tr>
</tbody>
</table>

* Hospitals with isolation facilities

**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 9 July, Papua Province has reported a total of 2074 confirmed cases and 20 deaths (data accessible at https://covid19.papua.go.id/).

![Figure 1. Locations of Confirmed COVID-19 Cases in Papua New Guinea and Cases in Papua and West Papua Provinces, Indonesia from 3 to 9 July 2020](image-url)
Strategic Approach

National and Provincial Public Health Response

- The National Pandemic Act 2020 established a clear governance structure for the COVID-19 response, including: (1) National Control Centre (NCC) for coordination; (2) the Controller and Deputy Controller for issuance of pandemic measures; (3) Technical Advisory Council for technical and expert advice to the Controller; (4) committees and experts for advice or implementation; and (5) Provincial Control Centres (PCC) for coordination and delivery of the services.
- The Pandemic Response Coordination Group, comprised of teams representing health operations, provincial health liaison, investigations and support (Royal PNG Constabulary), border security (PNG Defence Force), State Solicitor (legal), public information, planning and coordination, procurement and logistics, and finance, meets daily at the NCC.
- Resource gaps for supplies in surveillance, quarantine and case management are continuously identified and communicated for action and partner support mobilisation.
- The Ministry of Community Development, Youth and Religion developed the National Emergency Preparedness and Response Plan for Vulnerable and Marginalized Population 2020. Its objective is to define the coordination mechanisms and prepare government and stakeholders in providing more efficient and effective support to the vulnerable populations before, during and after an emergency response.
- The organizations of the United Nations in Papua New Guinea have been supporting national efforts to prepare and respond to COVID-19. Support includes technical and capacity building support to the National Department of Health and other government agencies, delivery of essential supplies to bolster national and provincial response capacities, and continued assessment of needs of local communities and various stakeholders to inform the response. The report is accessible at: https://papuanewguinea.un.org/en/40513-un-assistance-covid-19-response-papua-new-guinea.

Surveillance

- For the period of 29 June to 05 July, the COVID-19 National Hotline received 1543 calls. Of the only 66 (4%) health-related calls, 30 were referred to the Rapid Response Team. To date, Hotline received 77 429 calls.
- 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.
- From 3 to 9 July, the average national daily COVID-19 surveillance reporting rate is only at 56%. Five provinces (i.e. Autonomous Region of Bougainville, National Capital District, Eastern Highlands, Enga and Morobe) recorded 100% reporting rate, while two provinces (i.e. Madang and West Sepik) had 80% reporting rate for the week. Four provinces (Central, Hela, Simbu and Western Highlands) did not submit any reports during the same week.

![Figure 2. Daily COVID-19 Surveillance Reporting by Province from 03 to 09 July 2020](https://papuanewguinea.un.org/en/40513-un-assistance-covid-19-response-papua-new-guinea)
Points of Entry and Quarantine

- Border Security Minister Westly Nukundj met with Indonesian Ambassador Andriana Sutandy in Port Moresby ahead of the second repatriation of 100 PNG citizens from West Papua in Indonesia.
- The National Department of Health has begun the process of amending the Public Health Act to include provisions on quarantine. The team is currently developing a concept note and conducting issue identification exercise, which is critical in guiding development of the Policy and the Act, as well as non-legislative measures.
- On 10 July, the total number of persons in quarantine (PIQs) is 248. Unfortunately, daily monitoring by NCC monitors was halted as they were on strike due to unpaid salaries.

![Figure 4. Number of COVID-19 Laboratory RT-PCR Results by Province from 03 to 09 July 2020 (n=166)](image)

**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) | 3585 |
| Total Number of Travelers Screened after SOE (17 June – 09 July) | Air 996 |
| | Sea* 137 |
| | Land 6 |
| | Total 701 |

* 3 passengers and the rest are crew

COVID-19 Prevention, Detection and Control

- To detect COVID-19 cases, the National Department of Health and NCC have issued enhanced testing guidance (See Annex A). All suspected COVID-19 cases must have sample collected and tested for COVID-19. These include any inpatient or outpatient pneumonia or SARI case. In addition, health facilities (selected by PHAs and representative of the province) are being requested to collect at least 10 samples a day not only from suspected COVID-19 cases but from people presenting with influenza like illness or simple cough.
- At least thirteen (13) additional swabbers were trained in the National Capital District in the last two weeks. The NCD PHA Team has also inspected all 16 public clinics for re-establishing pre-triage screening.
The Deputy Controller ordered on 07 July that all patient screening and diagnosis of COVID-19 using any RDT antibody test must cease immediately. Only Polymerase Chain Reaction (PCR) testing on specimens collected either nasopharyngeal or oropharyngeal swabs may be used for COVID-19 diagnostics.

WHO visited PNG Institute for Medical Research (IMR) in Eastern Highlands to discuss surge capacity for PCR testing and improving turnaround of testing results. IMR, which has expanded the testing in Port Moresby with two PCR machines, will further expand the testing in Madang. Once this is in place, IMR will be able to process about 2000 tests a day. Automated RNA extraction machines and use of bar codes both at CPHL and IMR were identified to reduce the turnaround time for testing. Discussions with PHA Eastern Highlands identified the need to improve the isolation facilities and to shift the task of swabbing from Rapid Response Teams to health care workers in the health facilities.

Central Public Health Laboratory (CPHL) conducted training on Xpert Xpress SARS-CoV-2 Assay at Hela Provincial Hospital on 22 – 24 June. A total of twelve participants (Hela Provincial Hospital -10, Magarima District Hospital – 1 and Koroba District Hospital - 1) were trained and passed satisfactorily. The objective was for the participants to be proficient in performing Xpert Xpress SARS-CoV-2 Assay using GeneXpert platform, interpreting results and troubleshooting using CPHL-NDoH SARS-CoV-2 Testing Algorithm. Verification testing using WHO-supplied Sera Care SARS-CoV-2 External Quality Controls yielded 100% compatibility which demonstrates that SARS-CoV-2 diagnosis can be performed by the medical scientists at the site.

In response to the new cases confirmed in Port Moresby recently, the National Control Centre implements the following measures: (1) All confirmed COVID patients are to be isolated at a designated isolation facility regardless of severity unless the capacity of facilities is overwhelmed which may necessitate introducing home isolation; (2) Rita Flynn Facility shall be fully activated to absorb up to 70 patients for NCD and Central Province; and, (3) All provincial hospitals should have isolation wards fully prepared to accept patients.

A team of technical officers from NDoH and WHO continues to roll out the comprehensive training on clinical management, infection prevention and control (IPC), surveillance, rapid response and risk communication.

The NDOH-UNICEF PNG COVID-19 Emergency Response Project (funded by World Bank) targets to train 3000 front line health workers and program managers in district and sub-district health facilities across the seven highlands provinces. The trainings cover areas of: Infection, Protection and Control; Case Management and Testing; Surveillance and Contact Tracing; and, Risk Communication and Community Engagement. The National Department of Health, UNICEF and WHO, in partnership with local NGO - Touching the Untouchables, has successfully rolled out four batches of training to date.

<table>
<thead>
<tr>
<th>Table 4. Trainings Conducted</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. COVID-19 Trainings with Direct Support from NDOH and WHO</strong></td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>-----</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>10</td>
</tr>
<tr>
<td>11</td>
</tr>
<tr>
<td>12</td>
</tr>
</tbody>
</table>

**B. NDOH-UNICEF PNG COVID-19 Emergency Response Project (funded by World Bank)**

<table>
<thead>
<tr>
<th>No</th>
<th>Province</th>
<th>Date</th>
<th>No</th>
<th>Province</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Western Highland Province</td>
<td>23 – 25 June</td>
<td>3</td>
<td>Central</td>
<td>06 – 08 July</td>
</tr>
<tr>
<td>2</td>
<td>Jiwaka</td>
<td>30 June – 02 July</td>
<td>4</td>
<td>Simbu</td>
<td>07 – 09 July</td>
</tr>
</tbody>
</table>
The International Committee of the Red Cross (ICRC) held four training workshops in various provinces to address mental health concerns among front-line responders to COVID-19.

The data on COVID-19 pre-triage, quarantine and isolation are based on the responses of provincial authorities to the Provincial Preparedness Checklist (PPC) and the questionnaires (based on PPC) filled out by the provinces and/or interview of provincial staff by NDOH regional coordinators. Additional sources of information include the records of the assessment for medical and non-medical equipment, laboratory diagnostics, health workforce and financial resources from stakeholders and partners. The data are regularly updated.

Table 6. Number of Facilities and Beds for COVID-19 as of 12 July 2020

<table>
<thead>
<tr>
<th>Health Facilities</th>
<th>Number of Provinces</th>
<th>Number of Facilities</th>
<th>Number of Beds</th>
<th>Provinces that Reported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-triage facilities</td>
<td>17</td>
<td>68</td>
<td>N/A</td>
<td>ARoB, ENB, NI, WNB, ES, Madang, Morobe, WS, EH, Enga, Heia, SH, Central, Gulf, NCD, Oro, Western</td>
</tr>
<tr>
<td>Quarantine facilities</td>
<td>11</td>
<td>27</td>
<td>&gt;114</td>
<td>ARoB, ENB, Madang, Morobe, EH, Hela, Jiwaka, SH, NCD, Oro, Western</td>
</tr>
<tr>
<td>Quarantine facilities (underway)</td>
<td>17</td>
<td>&gt;24</td>
<td>&gt;115</td>
<td>ARoB, ENB, Manus, NI, WNB, ES, Madang, WS, EH, Enga, Hela, SH, WH, Central, Gulf, NCD, Western</td>
</tr>
<tr>
<td>Isolation facilities</td>
<td>15</td>
<td>22</td>
<td>&gt;281</td>
<td>ARoB, ENB, Manus, WNB, ES, Madang, Morobe, EH, Hela, Jiwaka, Gulf, MB, NCD, Oro, Western</td>
</tr>
<tr>
<td>Isolation facilities (underway)</td>
<td>17</td>
<td>&gt;29</td>
<td>&gt;72</td>
<td>ARoB, NI, WNB, ES, Madang, Morobe, WS, EH, Enga, Hela, SH, WH, Central, MB, NCD, Oro, Western</td>
</tr>
<tr>
<td>ICU</td>
<td>14</td>
<td>15</td>
<td>75</td>
<td>ENB, Manus, WNB, Madang, Morobe, WS, EH, Hela, Simbu, SH, WH, MB, NCD, Western</td>
</tr>
</tbody>
</table>

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

- National and provincial teams continue to conduct mass awareness activities using TV, radio, community dialogues and social media to build awareness, raise risk perception on COVID-19, and encourage personal and community behaviour change, using messages developed by NDOH and WHO.
- WHO continues to develop key messages and information products (infographics and micro video) for use by PEOC and partners on Niupela Pasin. The series of information products will communicate the new normal of healthy behaviours for: individuals, families and communities; places of worship; health facilities; businesses, markets and shops; workplaces, banks and pharmacies; transportation; and, National Control Centre and other responders. Consultations on Niupela Pasin with stakeholders are ongoing.
- To promote testing and address stigma against it, a short information video is currently being developed to emphasize the importance of testing for COVID-19 and describe the country’s testing strategy. It will show a simulation of the testing process at health facilities to allay fears and anxieties around swabbing.
- A COVID-19-themed song which features famous PNG artists like Sprigga Mek, Brady Skate and Cammy Bee is promoting national unity to fight COVID-19. It continues to be played on radio stations, reaching thousands of listeners daily.
- A national mass media campaign, supported by the Government of Japan and facilitated by UNICEF and the National Department of Health, which is focused on building awareness and raising the risk perception on COIVD-19 is ongoing with key behaviour change messages broadcasted over 800 times on a monthly basis on four major media channels - NBC TV, Wantok Radio Light, Radio Maria and FM100.
- The Controller issued a press statement and denied rumours about new cases of COVID-19 in NCD circulating on social media. He cautioned the public to refrain from spreading wrong information and fake news as this constitutes criminal offence under the country’s cybercrime laws.

### Table 7. Number of Inpatient Beds by Province

<table>
<thead>
<tr>
<th>Province</th>
<th>District</th>
<th>Facility</th>
<th>No of Beds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monom Region</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>East Sepik</td>
<td>Maprik</td>
<td>Maprik</td>
<td>123</td>
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<tr>
<td></td>
<td>Wewak</td>
<td>Boam</td>
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<tr>
<td>Madang</td>
<td>Madang</td>
<td>Medillon</td>
<td>281</td>
</tr>
<tr>
<td>Wonsbe</td>
<td>Lae</td>
<td>Angau</td>
<td>560</td>
</tr>
<tr>
<td>West Sepik</td>
<td>Vanimo - Green River</td>
<td>Vanimo</td>
<td>96</td>
</tr>
<tr>
<td>Southern Region</td>
<td></td>
<td></td>
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<tr>
<td>Central</td>
<td>Rigo</td>
<td>Kwikia</td>
<td>19</td>
</tr>
<tr>
<td>Gulf</td>
<td>Kerema</td>
<td>Kerema</td>
<td>36</td>
</tr>
<tr>
<td>Milne Bay</td>
<td>Aotau</td>
<td>Netau</td>
<td>160</td>
</tr>
<tr>
<td>NCD</td>
<td>Moreseby North East</td>
<td>ROC General</td>
<td>1009</td>
</tr>
<tr>
<td>Oro</td>
<td>Wiyibi</td>
<td>Pupondetta</td>
<td>109</td>
</tr>
<tr>
<td>Western</td>
<td>Middle Fly</td>
<td>Baimo</td>
<td>69</td>
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<tr>
<td></td>
<td>North Fly</td>
<td>Kiungu</td>
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<td></td>
<td>South Fly</td>
<td>Daru</td>
<td>109</td>
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<td>Highlands Region</td>
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<td>Eastern Highlands</td>
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<td></td>
<td>Okapa</td>
<td>Okapa</td>
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</tr>
<tr>
<td>Enga</td>
<td>Kandep</td>
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</tr>
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<td></td>
<td>Kimpiam</td>
<td>Kimpiam</td>
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<tr>
<td></td>
<td>Laigsep-Porgera</td>
<td>Paim</td>
<td>82</td>
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<td>Wabaq</td>
<td>Wabaq</td>
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<tr>
<td></td>
<td>Wapenamanda</td>
<td>Mambisanda</td>
<td>134</td>
</tr>
<tr>
<td>Hela</td>
<td>Tari</td>
<td>Tari</td>
<td>86</td>
</tr>
<tr>
<td>Jiwaku</td>
<td>Angalimp - South Wong</td>
<td>Kudjip</td>
<td>129</td>
</tr>
<tr>
<td></td>
<td>Mendi</td>
<td>Mendi</td>
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<td></td>
<td>Mendi</td>
<td>Mendi</td>
<td>423</td>
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<tr>
<td></td>
<td>Mt Hagen</td>
<td>Mt Hagen</td>
<td>252</td>
</tr>
<tr>
<td></td>
<td>Bae - Mal</td>
<td>Tinsley HC</td>
<td>74</td>
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<tr>
<td>New Guinea Islands Region</td>
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<td></td>
</tr>
<tr>
<td>Araro</td>
<td>Kiafa Central</td>
<td>Arawa</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>Buka North</td>
<td>Buka</td>
<td>*</td>
</tr>
<tr>
<td>East New Britain</td>
<td>Kolopo</td>
<td>Vunapope</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>Rabaul</td>
<td>Nenga</td>
<td>213</td>
</tr>
</tbody>
</table>
| Source: NHIS as of April 2020; * For confirmation
Papua New Guinea Coronavirus disease 2019 (COVID-19)
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Logistics and Supplies
- WHO encourages partners to utilize the COVID-19 Supply Portal accessible at [https://covid-19-response.org/](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.
- Coordination between the Logistics and Supply Team and Surveillance and Epi Team is ongoing for the logistical arrangements in operationalizing the enhanced testing strategy nationally.

Funding and Expenditure
- Below is a summary of COVID-19 funding and expenditure by fund source as of 10 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.).
- 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 28.5 million (PGK 27.1 million for main activities and PGK 1.4 million for NCC activities). Outstanding commitments stand at PGK 16.4 million. Thus, the available funds out of the GoPNG Funds is PGK 247 814.
- 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.
- Under the HSIP Trust Account, the total available funds from all sources is PGK 5 128 108.

### Table 8. Monitoring of NPIs Implemented in Papua New Guinea

<table>
<thead>
<tr>
<th>Social Measures</th>
<th>Date first implemented</th>
<th>Date last modified</th>
<th>Monitoring Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wearing Face Masks, Hand Hygiene, Respiratory Etiquette</td>
<td>16 January*</td>
<td>22 June</td>
<td>National</td>
</tr>
<tr>
<td>School Closure</td>
<td>23 March</td>
<td>5 June</td>
<td>National</td>
</tr>
<tr>
<td>Workplace Closure</td>
<td>23 March</td>
<td>4 May</td>
<td>National</td>
</tr>
<tr>
<td>Mass Gatherings</td>
<td>23 March</td>
<td>22 June</td>
<td>National</td>
</tr>
<tr>
<td>Stay at Home</td>
<td>23 March</td>
<td>4 May</td>
<td>National</td>
</tr>
<tr>
<td>Restrictions on Internal Movement (within country)</td>
<td>23 March</td>
<td>22 June</td>
<td>National</td>
</tr>
<tr>
<td>Restrictions on International Travel</td>
<td>14 February</td>
<td>22 June</td>
<td>National</td>
</tr>
</tbody>
</table>

* First social media post done
** AIoB has extended its SOE up to 14 August

### Table 9. COVID-19 Funding and Expenditure Summary by Fund Source as of 10 July 2020

<table>
<thead>
<tr>
<th>No.</th>
<th>Funding Source</th>
<th>Initial Amount</th>
<th>YTD Expend</th>
<th>O/S Commitments</th>
<th>Balance Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GoPNG: NDoH 2019 HIV/AIDS Reprogrammed Funds</td>
<td>3 299 651</td>
<td>2 106 313</td>
<td>1 193 338</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>GoPNG COVID-19 Funds 2020 from Treasury 2020</td>
<td>43 300 000</td>
<td>27 111 459</td>
<td>16 188 540</td>
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<tr>
<td>3</td>
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<td>2 000 000</td>
<td>1 482 935</td>
<td>269 250</td>
<td>247 814</td>
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<td>21 452 845</td>
<td>18 250 000</td>
<td>3 202 845</td>
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<td>218 728</td>
<td>114 418</td>
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<td>5</td>
<td>WHO COVID-19 Surveillance Funds (for 22 Provinces)</td>
<td>634 240</td>
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<tr>
<td>6</td>
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<td>1 181 001</td>
<td>1 108 500</td>
<td>1 500</td>
<td>71 001</td>
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<tr>
<td>7</td>
<td>New Zealand Government</td>
<td>6 298 800</td>
<td>5 990 000</td>
<td>308 800</td>
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<tr>
<td></td>
<td>Total Funds in HSIP</td>
<td>78 385 265</td>
<td>56 797 866</td>
<td>16 459 291</td>
<td>5 128 108</td>
</tr>
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</table>
**Best Practice/Lessons Learned**

Response Enabling Factors and Adjustments to the Response

- The Epi/Surveillance Pillar continues to generate essential data that informs national leadership for decision making.
- As with surveillance and case management, support for risk communication enabled timely public communication about the new cases detected in Port Moresby and advise behaviour change communication such as hand hygiene, cough and sneezing etiquette and physical distancing in the public space.
- Rumours and misinformation in the provinces are being addressed through the Provincial EOC focal points who provide feedback to correct them. Provincial authorities are conducting targeted awareness and education, while the NDOH and WHO work together to clarify issues and debunk misinformation and myths.
- 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.

COVID-19 Testing
Collect nasopharyngeal swabs from at least 10 patients daily in each health facility (provincial and district hospitals, urban clinics and private clinics) who present and with any of the below criteria:

Test ALL PATIENTS presenting at health facilities meeting the COVID-19 case definition.

COVID-19 suspected cases
- Collect nasopharyngeal swab specimen for COVID-19 testing from all persons that fit the COVID-19 case definition.
- Collect nasopharyngeal swab specimen for COVID-19 testing from all persons presenting with pneumonia (inpatient or outpatient) or serve acute respiratory illness (SARI).

Test SOME PATIENTS each day presenting with the following:

Influenza-Like Illness
- Collect nasopharyngeal swab specimen for COVID-19 testing from persons presenting with Influenza-like Illness (only a few each day per health facility, and no more than 10 per facility).

Simple cough
- Collect nasopharyngeal swab specimen for COVID-19 testing from persons presenting with simple cough (only a few each day per health facility, and no more than 10 per facility).

Post-mortem specimen collection from a patient who had respiratory illness before death
For a death in which the patient had respiratory illness and a specimen was not collected before death, collect the following postmortem specimen:
- Collect post-mortem Nasopharyngeal Swab specimen for COVID-19 testing as soon as possible.
- Specimen can be collected up to 3 days after death as virus may still be detected; however, sensitivity may be reduced with a longer post-mortem interval

Testing of confirmed cases for discharge from isolation
No test required for discharge
Criteria for discharging patients from isolation (i.e. discontinuing transmission-based precautions) without requiring retesting:
- For symptomatic patients: 10 days after symptom onset, plus at least 3 additional days without symptoms (including without fever and without respiratory symptoms)
- For asymptomatic cases: 10 days after positive test for SARS-CoV-2
COVID-19 test reporting

- For every sample collected for COVID-19 testing, a COVID-19 Case Investigation Form (CIF) must be completed.
- Based on the presentation of the individual being tested, indicate on the CIF the reason for testing.
- Notify the Provincial Health Authority (PHA) Surveillance Team of any COVID-19 suspected case and notify the PDCO/DDCO immediately for pick-up of collected specimens or need for rapid response team (RRT) response.
- The PHA surveillance team will deliver/ship samples to CPHL/IMR.
- It is recommended that PHA have an inventory of UTM and PPE distribution to avoid stock out. A health facility must notify the PHA Surveillance Team in advance of a stock out of UTMs, CIFs or contact line lists.
- If there is a case in which a clinician has high clinical suspicion of COVID-19, write “FOR URGENT TESTING” on the top of the CIF and notify the PDCO, CPHL and the National Surveillance Team.

Contact the National Surveillance Team on: outbreaks@health.gov.pg

Rosheila Dagina
National COVID-19 Surveillance Cluster Lead
Phone: 7992 7439
Email: rdagina@gmail.com
ANNEX B – Provincial Updates

Note: The data available at the national level in terms of number of facilities for COVID-19 pre-triaging, quarantine and isolation are based on the responses of provincial authorities to the Provincial Preparedness Checklist (PPC) and the questionnaires (based on PPC) filled out by the provinces and/or interview of provincial staff by NDOH regional coordinators. 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. The data are undergoing validation.

New Guinea Islands Region

East New Britain

**Surveillance**
- Alerts from rural health centres: ✓
- COVID-19 hotlines: ✓
- Daily COVID-19 reporting: 43%
- No. of RRTs: 3
- Contact tracing team: 1
- Quarantine team: 1

<table>
<thead>
<tr>
<th>Laboratory functions</th>
<th>GDXpert machines, trained staff and COVID-19 cardboards</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of GDXpert machines</td>
<td>2</td>
</tr>
<tr>
<td>Trained HCWs for COVID-19</td>
<td>216</td>
</tr>
</tbody>
</table>

**Health facilities**
- Pre-triage sites: ✓
- Quarantine facilities: ✓
- Quarantine (underway): ✓
- Isolation facilities: ✓
- Isolation (underway): ✓
- ICU: ✓
- ICU (underway): ✓

**Risk comm., community engagement & non-pharmaceutical interventions**
- Communication materials distributed to the public: ✓
- Awareness activities conducted: ✓
- Non-pharmaceutical interventions implemented: ✓

**Challenges**
- Low surveillance reporting between 3-9 July
- Peeding results for sample collected
- Stigma and discrimination in the community
- Readiness in case management for COVID-19
- Allowance payment to staff
- Shortage of staff at airport quarantine for response
- Logistic support, PPE transport pick up and drop off for officers, transport for identified cases to quarantine site or the treatment centre

Papua New Guinea Coronavirus disease 2019 (COVID-19)
Health Situation Report 29 (Released: 12 July 2020; Report Period: 03 – 09 July 2020)
Health facilities | Availability | No. of facilities | No. of beds
--- | --- | --- | ---
Pre-triage sites | ✗ | 0 | -
Quarantine facilities | ✗ | 0 | 0
Quarantine (underway) | ✓ | 1 | 24
Isolation facilities | ✓ | 1 | 8
Isolation (underway) | - | - | -
ICU | ✓ | 1 | 2
ICU (underway) | - | - | -

Risk comm., community engagement & non-pharmaceutical interventions
- Communication materials distributed to the public: ✓
- Awareness activities conducted: ✓
- Non-pharmaceutical interventions implemented: ✓

Challenges:
- Low surveillance reporting between 3-9 July.
- No dedicated cur or boats for operational activities for COVID-19 response (i.e. access to islands in Manus).
- Limited space in pathology unit and pharmacy that resulted in boxes and cartons being stacked up to ceiling with minimum space to move.
- Readiness to quarantine people who are suspected of having COVID-19.
- No provisions for psychosocial support for the health workers.
- No incinerator, general waste & biohazard waste burnt and dumped in open area right next to hospital.

---

Manus

Surveillance
- Alerts from rural health centres: ✓
- COVID-19 hotline: ✓
- Daily COVID-19 reporting: 43%
- No. of RRTs: 2
- Contact tracing team: 2
- Quarantine team: 2

Laboratory functions
- Functioning GeneXpert machines, trained staff and COVID-19 cartridges: ✗ 2
- No. of GeneXpert machines: 1 3

Trained HCWs for COVID-19: 89

New Ireland

Surveillance
- Alerts from rural health centres: ✓
- COVID-19 hotline: ✓
- Daily COVID-19 reporting: 71%
- No. of RRTs: 4 2
- Contact tracing team: 4
- Quarantine team: 4

Laboratory functions
- Functioning GeneXpert machines, trained staff and COVID-19 cartridges: ✓ 50
- No. of GeneXpert machines: 2 3

Trained HCWs for COVID-19: 320

---

*1 Between 3-9 July.
*2 Two RRT’s in PNG/District 6.
*3 Two district health teams reaching all the villages.
*4 Marau Hospital & Lihi Medical Centre (RC).  
*5 Hela Hospital & Lihi Medical Centre (RC).  
*6 Planned & built.  
*7 District health teams reaching all the villages.

*Between 3-9 July.
*Training planned.
*Under renovation (27 beds).  
*Community awareness in 12/16.  
*Other health programmes included COVID-19 awareness.
West New Britain

Surveillance
Alerts from rural health centres
COVID-19 hotlines
Daily COVID-19 reporting
No. of RRTs
Contact tracing team
Quarantine team

Laboratory functions
Functioning GeneXpert machines, trained staff and COVID-19 cartridges
No. of GeneXpert machines
Trained HCWs for COVID-19

Momase Region

East Sepik

Surveillance
Alerts from rural health centres
COVID-19 hotlines
Daily COVID-19 reporting
No. of RRTs
Contact tracing team
Quarantine team

Laboratory functions
Functioning GeneXpert machines, trained staff and COVID-19 cartridges
No. of GeneXpert machines
Trained HCWs for COVID-19

Health facilities
Availability
No. of facilities
No. of beds
- Pre-triage sites
- Quarantine facilities
- Quarantine (underway)
- Isolation facilities
- Isolation (underway)
- ICU
- ICU (underway)

Risk comms, community engagement & non-pharmaceutical interventions
- Communication materials distributed to the public
- Awareness activities conducted
- Non-pharmaceutical interventions implemented

Challenges
- Low surveillance reporting between 3-9 July.
- Staff are subject to stigma after they came into contact with people suspected to have COVID-19.
- PPE supplies in police
- Security issues among hold-ups for the ambulances & security personnel arrested by the public for denying entry for a hospital.
- Readiness for quarantine people who are suspected of having COVID-19.
- Readiness in case management for COVID-19.
- Funding and support for the southern coast.

Notes:
1. Between 3-9 July.
2. One mobile team for outside response and one team for town urban and choisek areas, including three trained RRT members and a driver per team.
3. Kimbe District Hospital & East District Hospital.
4. - Surveys plan still in draft and only one simulation exercise was done for the district response in early April.
5. Town Urban Clinic & Kimbe Hospital & Mt. Hagen Sport Stadium.
6. Planned at Mt. Hagen Sport Stadium.
7. Yet to be equipped.
8. The teams reached more than 76,000 people.

14 of 26
Madang

Surveillance
Alerts from rural health centres
COVID-19 hotline
Daily COVID-19 reporting
No. of RRTs
Contact tracing team
Quarantine team

Laboratory functions
Functioning GeneXpert machines, trained staff and COVID-19 cartridges (1 trained)
No. of GeneXpert machines
Trained HCWs for COVID-19

Health facilities
Pre-triage site
Quarantine facilities
Quarantine (underway)
Isolation facilities
Isolation (underway)
ICU
ICU (underway)

Availability
✓
✓
✓
✓
✓
✓
✓

No. of facilities
1
1
1
1
1
1
1

No. of beds
N/A
12
-
18
-
5
-

Risk comm., community engagement & non-pharmaceutical interventions
Communication materials distributed to the public
Awareness activity conducted
Non-pharmaceutical interventions implemented

Challenges
- Readiness in case management for COVID-19.
- No electricity at the building for Provincial Emergency Operating Centre.

Morobe

Surveillance
Alerts from rural health centres
COVID-19 hotline
Daily COVID-19 reporting
No. of RRTs
Contact tracing team
Quarantine team

Laboratory functions
Functioning GeneXpert machines, trained staff and COVID-19 cartridges (4 trained)
No. of GeneXpert machines
Trained HCWs for COVID-19

Health facilities
Pre-triage site
Quarantine facilities
Quarantine (underway)
Isolation facilities
Isolation (underway)
ICU
ICU (underway)

Availability
✓
✓
✓
✓
✓
✓
✓

No. of facilities
5
3
2
1
1
2
2

No. of beds
N/A
47
>120
8
-
19
-

Risk comm., community engagement & non-pharmaceutical interventions
Communication materials distributed to the public
Awareness activity conducted
Non-pharmaceutical interventions implemented

Challenges
- Readiness in case management for COVID-19.
- No clear directive from MoH and NCC about collecting information for testing and surveillance.

*1 Between 3-9 July. *2 One in Morobe District and three surveillance officers in Bubili District with FEPH graduates. The rates are effective through framework and coordinated Provincial Surveillance Team. *3 Trained staff in Province Office. *4 Two angiography units, one at Bulolo, one at Asenit Hospital. *5 Morobe PHA has identified healthcare workers from districts and provincial staff for surge capacity. The surge capacity is available and in place in Morobe District only. *6 Not documented in Bulolo. *7 There are also locally designed separate isolation blocks for staff and patients. There should be four isolation blocks for male and female in Morobe District and one each for male and female in Bulolo District. There are currently in stock and all are functioning. There are plans for the procurement of 4 more. *8 One per shift for the COVID-19 hospital in Morobe District is one unit. *9 No unit available. There are also three backup generators as a standby power source which will cover in the hospital and the other two for the ICU. *10 Not documented in Bulolo District. *11 One unit available for testing. *12 Reference in Morobe District. *13 Bed capacity in Bulolo District. *14 Sir Igasfa Ngsa Stadium (12 beds) and Bulolo District. *15 Under construction in Morobe District. *16 Sir Igasfa Ngsa Stadium (12 beds) and Bulolo District (12 beds). *17 Sir Igasfa Ngsa Stadium (12 beds) and Bulolo District (12 beds). *18 Sir Igasfa Ngsa Stadium (12 beds) and Bulolo District (12 beds). *19 Sir Igasfa Ngsa Stadium (12 beds) and Bulolo District (12 beds). *20 Sir Igasfa Ngsa Stadium (12 beds) and Bulolo District (12 beds).
West Sepik

Surveillance
- Alerts from rural health centers: ✔
- COVID-19 hotline: ✔
- Daily COVID-19 reporting: 71.6% (1)
- No. of RRTs: 1–2
- Contact tracing team: 1
- Quarantine team: 1

Laboratory functions
- Functioning GeneXpert machines, trained staff and COVID-19 cartridges: ✔
- No. of GeneXpert machines: 2–3

Trained HCWs for COVID-19: 200

Highlands Region

Eastern Highlands

Surveillance
- Alerts from rural health centers: -
- COVID-19 hotline: ✔
- Daily COVID-19 reporting: 100% (7)
- No. of RRTs: 3–2
- Contact tracing team: -
- Quarantine team: -

Laboratory functions
- Functioning GeneXpert machines, trained staff and no COVID-19 cartridges: ×
- No. of GeneXpert machines: 4–3

Trained HCWs for COVID-19: 114

Health facilities

<table>
<thead>
<tr>
<th>Facilities</th>
<th>Availability</th>
<th>No. of facilities</th>
<th>No. of beds</th>
</tr>
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<tr>
<td>Pre-triage sites</td>
<td>✔</td>
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<td>N/A</td>
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<tr>
<td>Quarantine facilities</td>
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<td>1</td>
<td>14</td>
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<td>16-18</td>
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<td>Isolation facilities</td>
<td>✔</td>
<td>1</td>
<td>5</td>
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<td>✔</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>ICU</td>
<td>✔</td>
<td>1</td>
<td>12</td>
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<tr>
<td>ICU (underway)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Risk comms, community engagement & non-pharmaceutical interventions

Communication materials distributed to the public: ✔
Awareness activities conducted: ✔
Non-pharmaceutical interventions implemented: ✔

Challenges
- No isolation units are available.
- No vaccination campaigns are planned.
- No contact tracing is conducted.
- No contact tracing is conducted.
- No contact tracing is conducted.

* Between 3-9 July, *2 The first team includes five officers trained to conduct specimen collection and contact tracing, and has a dedicated vehicle. The second team uses mobile x-ray equipment to conduct chest x-ray examinations (clinic, hospital, etc.). A mobile cargo truck courier services and transport. A mobile 'data collection' team consists of one data collector, one trong, and one driver.

*4 Goroka Hospital: *5 Goroka Hospital has 24 beds and two maternity beds. *6 Goroka Hospital has 22 beds and 6 ICU beds. *7 Goroka Hospital has 20 beds and 4 ICU beds. *8 Goroka Hospital has 20 beds and 2 ICU beds. *9 Goroka Hospital has 20 beds and 4 ICU beds.
**Enga**

**Surveillance**

- Alerts from rural health centres -
- COVID-19 hotlines -
- Daily COVID-19 reporting 100%
- No. of RRTs 2
- Contact tracing team -
- Quarantine team -

**Laboratory functions**

- Functioning GeneXpert machines, trained staff and no COVID-19 cartridges X
- No. of GeneXpert machines 2
- Trained HCWs for COVID-19 132

**Hela**

**Surveillance**

- Alerts from rural health centres ✓
- COVID-19 hotlines ✓
- Daily COVID-19 reporting 0%
- No. of RRTs 1
- Contact tracing team -
- Quarantine team -

**Laboratory functions**

- Functioning GeneXpert machines, trained staff and no COVID-19 cartridges X
- No. of GeneXpert machines 1
- Trained HCWs for COVID-19 81

---

1. Between 3-9 July, 2 There are staff in the surveillance teams, including Provincial Disease Control Manager, FTFM graduates and MTA-trained officers. 3 Korobosea District Hospital (KDH) and installation to be confirmed at Wabag Provincial Hospital. 4 Wabag Hospital. 5 All district hospitals have quarantine facilities. Land was identified. 6 Identified the site in Pausa in Wamena district. 7 The province has a public spokesperson and a designated area for a press release. The spokespersons for the media and press release are Chief Executive Officer Enja PHA, Director of Public Health and Provincial Police Commander. The press release is usually held at the Provincial Emergency Operations Centre. The team leader has developed a micro-plan for the catchment population and will be shared with the national communications lead. Awareness and school health inspection work is ongoing.

---

**Health facilities**

<table>
<thead>
<tr>
<th>Facilities</th>
<th>Availability</th>
<th>No. of facilities</th>
<th>No. of beds</th>
</tr>
</thead>
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<tr>
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<td>N/A</td>
</tr>
<tr>
<td>Quarantine facilities</td>
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<td>0</td>
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<tr>
<td>Quarantine (underway)</td>
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<td>-</td>
</tr>
<tr>
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<td>0</td>
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<tr>
<td>Isolation (underway)</td>
<td>✓</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ICU</td>
<td></td>
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<td>-</td>
</tr>
<tr>
<td>ICU (underway)</td>
<td></td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Risk comm. community engagement & non-pharmaceutical interventions**

- Communication materials distributed to the public ✓
- Awareness activities conducted ✓
- Non-pharmaceutical interventions implemented -

**Challenges**

- Readiness to quarantine people who are suspected of having COVID-19.
- Readiness in case management of COVID-19.
- Healthcare workers require training in infection prevention and control.

---

**Health facilities**

<table>
<thead>
<tr>
<th>Facilities</th>
<th>Availability</th>
<th>No. of facilities</th>
<th>No. of beds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-triage sites</td>
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<td>N/A</td>
</tr>
<tr>
<td>Quarantine facilities</td>
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<td>3</td>
<td>-</td>
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<tr>
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<td>7</td>
<td>-</td>
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<tr>
<td>ICU</td>
<td></td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>ICU (underway)</td>
<td></td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Risk comm. community engagement & non-pharmaceutical interventions**

- Communication materials distributed to the public ✓
- Awareness activities conducted ✓
- Non-pharmaceutical interventions implemented -

**Challenges**

- No surveillance reporting between 3-9 July.
- Cannot trace all people suspected with COVID-19 in tribal conflict areas.
- No testing done for suspected COVID-19 cases without COVID-19 cartridges. No training conducted yet.
- PHA does not have the proper equipment to disinfect surfaces and buildings.
- Additional clinical and support staff are needed.
- Funding is not available for refurbishing provincial isolation and quarantine areas.
- Readiness in case management for COVID-19.
**Papua New Guinea Coronavirus disease 2019 (COVID-19)**

**Health Situation Report 29** (Released: 12 July 2020; Report Period: 03 – 09 July 2020)

---

**Jiwaka**

**Surveillance**

- Alerts from rural health centres: –
- COVID-19 hotlines: –
- Daily COVID-19 reporting: 43% (%)
- No. of RRTs: –
- Contact tracing team: –
- Quarantine team: –

**Laboratory functions**

- Functioning GeneXpert machines, trained staff and no COVID-19 cartridges: –
- No. of GeneXpert machines: –
- Trained HCWs for COVID-19: 91

**Simbu**

**Surveillance**

- Alerts from rural health centres: 1
- COVID-19 hotlines: –
- Daily COVID-19 reporting: 0%
- No. of RRTs: 1
- Contact tracing team: 1
- Quarantine team: –

**Laboratory functions**

- Functioning GeneXpert machines, trained staff and no COVID-19 cartridges: –
- No. of GeneXpert machines: 2
- Trained HCWs for COVID-19: 20

---

**Health facilities**

<table>
<thead>
<tr>
<th>Health facilities</th>
<th>Availability</th>
<th>No. of facilities</th>
<th>No. of beds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-triage site</td>
<td>-</td>
<td>-</td>
<td>N/A</td>
</tr>
<tr>
<td>Quarantine facilities</td>
<td>✓</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Quarantine (underway)</td>
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<tr>
<td>Isolation facilities</td>
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<td>Isolation (underway)</td>
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<tr>
<td>ICU</td>
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<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ICU (underway)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Risk comm’s, community engagement & non-pharmaceutical interventions**

- Communication materials distributed to the public: ✓
- Awareness activities conducted: ✓
- Non-pharmaceutical interventions implemented: –

**Challenges**

- Low surveillance reporting between 3-9 July.
- Readiness in case management for COVID-19.

---

**Notes:**

1. Between 3-9 July.
2. All 28 reporting health facilities were ordered to set up cough/rigette screen at cough cases separately, and report SARI urgently to PIDC daily. The transport allocated for SARI patients is one full-time dedicated ambulance.
3. The facility set up for persons under investigation in Kideng is now in use.
4. Isolation facilities are well-equipped with beds, oxygen and water supply.
5. The advocacy activities are estimated to have reached 20,000 people.

---

**Health facilities**

<table>
<thead>
<tr>
<th>Health facilities</th>
<th>Availability</th>
<th>No. of facilities</th>
<th>No. of beds</th>
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</thead>
<tbody>
<tr>
<td>Pre-triage site</td>
<td>-</td>
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</tr>
<tr>
<td>Quarantine facilities</td>
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</tr>
<tr>
<td>Quarantine (underway)</td>
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<tr>
<td>Isolation facilities</td>
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</tr>
<tr>
<td>Isolation (underway)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ICU</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ICU (underway)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Risk comm’s, community engagement & non-pharmaceutical interventions**

- Communication materials distributed to the public: ✓
- Awareness activities conducted: ✓
- Non-pharmaceutical interventions implemented: –

**Challenges**

- Low surveillance reporting between 3-9 July.
- Readiness in case management for COVID-19.

---

**Notes:**

1. All 36 health facilities started daily surveillance reporting for all SARI & COVID-19.
2. Between 3-9 July.
3. One RRT, including the officer trained to conduct specimen collection and contact tracing, was set up in each facility.
4. Accredited health facilities are collecting samples for COVID-19.
5. An intensive booth for COVID-19 is set up at major district health centres and common marketplaces. Mainstream media (VBC Simbu) is broadcasting updates for daily public education and prevention measures. The main messaging is to: Wear a mask, Wash hands, Sanitize, Social distance, Seek care early.
6. Awareness and information booth for COVID-19 are being set up at the Provincial Hospital and Meadral Rural Hospital. All Health centres are being equipped with PPE and PPE kits. COVID-19 procedures are in place at the Meadral Rural Hospital and Provincial Hospital. COVID-19 Case Management Training was conducted at the Provincial Hospital.
7. Three beds with ventilators.
9. 20,000 people have been reached through advocacy activities.
Papua New Guinea Coronavirus disease 2019 (COVID-19)
Health Situation Report 29 (Released: 12 July 2020; Report Period: 03 – 09 July 2020)

Southern Highlands

Surveillance
- Alerts from rural health centres: ✓
- COVID-19 hotlines: ✓
- Daily COVID-19 reporting: 13% ✓
- No. of RRTs: 1
- Contact tracing team: 5
- Quarantine team: 5

Laboratory functions
- Functioning GenoXpert machines, trained staff and 40 COVID-19 cartridges: ✓
- No. of GenoXpert machines: 2 ✓

Trained RCWs for COVID-19: 367

1. Level 2 facilities such as sub-centres were only asked to give an alert when suspected cases are identified. 2. Between 3-9 July. 3. Supervision visits to health facilities contributed to improving daily reporting for COVID-19. Reporting had some delays due to the technical issues in using EDT and training of surveillance officers from health facilities. 4. Wendi Hospital & Laike Hospital. One in Wendi Hospital testing, 12 trained.

<table>
<thead>
<tr>
<th>Health facilities</th>
<th>Availability</th>
<th>No. of facilities</th>
<th>No. of beds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-triage sites</td>
<td>✓</td>
<td>-</td>
<td>N/A</td>
</tr>
<tr>
<td>Quarantine facilities: ✓</td>
<td>-</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>Quarantine (underway): ✓</td>
<td>-</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Isolation facilities: ✓</td>
<td>-</td>
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<tr>
<td>Isolation (underway): ✓</td>
<td>-</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>ICU: ✓</td>
<td>✓</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>ICU (underway)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Risk census, community engagement & non-pharmaceutical interventions
- Communication materials distributed to the public: ✓
- Awareness activities conducted: ✓

Non-pharmaceutical interventions implemented -

Challenges
- Low surveillance reporting between 3-9 July.
- Readiness to quarantine people who are suspected of having COVID-19.
- Readiness in case management for COVID-19.
- Healthcare workers require training in infection prevention and control.

Western Highlands

Surveillance
- Alerts from rural health centres: -
- COVID-19 hotlines: -
- Daily COVID-19 reporting: 0%
- No. of RRTs: -
- Contact tracing team: -
- Quarantine team: -

Laboratory functions
- Functioning GenoXpert machines, trained staff and no COVID-19 cartridges: ✗
- No. of GenoXpert machines: 4 ✗

Trained RCWs for COVID-19: 893

1. Between 3-9 July. 2. Kadii Hospital, Trinity TE LAB, Western Highlands Provincal Hospital & WHP’s Public Health Laboratory. 3. It is planned to build accommodation within the hospital compound for staff working directly with COVID-19 patients. Procurement is planned for two portable ventilators with monitors for the ICU. 4. The construction of a quarantine shed is ongoing. Additional quarantine facilities at Trinity Hospital and Tavurul are proposed. 5. The isolation ward is being established in the chapel with support from ICE. Additional resources are required to refurbish and furnish the isolation ward. 6. The WHPA Health Promotion and Disease Prevention teams are leading the advocacy programme and have produced pamphlets and posters.

<table>
<thead>
<tr>
<th>Health facilities</th>
<th>Availability</th>
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<th>No. of beds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-triage sites</td>
<td>-</td>
<td>-</td>
<td>N/A</td>
</tr>
<tr>
<td>Quarantine facilities: ✗</td>
<td>-</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Quarantine (underway): ❍</td>
<td>-</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Isolation facilities: ✗</td>
<td>-</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Isolation (underway): ❍</td>
<td>-</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>ICU: ✓</td>
<td>✓</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ICU (underway)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Risk census, community engagement & non-pharmaceutical interventions
- Communication materials distributed to the public: ✓
- Awareness activities conducted: ✓

Non-pharmaceutical interventions implemented -

Challenges
- No surveillance reporting between 3-9 July.
- Readiness to quarantine people who are suspected of having COVID-19.
- Readiness in case management for COVID-19.
- Healthcare workers require training in infection prevention and control.

19 of 26
Southern Region

Central

Surveillance
Alerts from rural health centres ✓
COVID-19 hotlines ✓
Daily COVID-19 reporting ✓ 91%
No. of RRTs -
Contact tracing team -
Quarantine team -

Laboratory functions
Functioning GeneXpert machines, trained staff and COVID-19 cartridges. ✓ 20
No. of GeneXpert machines 2 ✓

Trained HCWs for COVID-19 29

Health facilities Availability No. of facilities No. of beds
Pre-triage sites ✓ ✓ 3 N/A
Quarantine facilities ✓ ✓ 0 0
Quarantine (underway) ✓ ✓ 1 -
Isolation facilities ✓ ✓ 0 0
Isolation (underway) ✓ ✓ 3 -
ICU ✓ ✓ 0 0
ICU (underway) ✓ ✓ 0 0

Risk comms, community engagement & non-pharmaceutical interventions
Communication materials distributed to the public ✓
Awareness activities conducted ✓
Non-pharmaceutical interventions implemented -

Challenges
- No surveillance reporting between 3-9 July.
- No new cases reported as of 9 July.
- Readiness to quarantine people who are suspected of having COVID-19.
- Readiness in case management for COVID-19.
- No additional PPEs or medical equipment available for all health facilities.
- Health facilities in Erimo, Yali and Lepeta Districts require renovation, power supply, water supply.

Gulf

Surveillance
Alerts from rural health centres ✓
COVID-19 hotlines ✓
Daily COVID-19 reporting ✓ 71%
No. of RRTs -
Contact tracing team -
Quarantine team -

Laboratory functions
Functioning GeneXpert machines, trained staff and COVID-19 cartridges ✓
No. of GeneXpert machines 2 ✓

Trained HCWs for COVID-19 36

Health facilities Availability No. of facilities No. of beds
Pre-triage sites ✓ ✓ 1 N/A
Quarantine facilities ✓ ✓ 0 0
Quarantine (underway) ✓ ✓ 3 0
Isolation facilities ✓ ✓ 0 0
Isolation (underway) ✓ ✓ 0 0
ICU ✓ ✓ 0 0
ICU (underway) ✓ ✓ 0 0

Risk comms, community engagement & non-pharmaceutical interventions
Communication materials distributed to the public ✓
Awareness activities conducted ✓
Non-pharmaceutical interventions implemented -

Challenges
- Low surveillance reporting between 3-9 July.
- No new cases reported as of 9 July.
- Readiness to quarantine people who are suspected of having COVID-19.
- Readiness in case management for COVID-19.

*1: Between 3-9 July.
*2: RRT was recently trained in June.
*3: Kauli & Baliama District Hospitals have GeneXpert machines powered by solar power systems.
*4: The houses of the 3 doctors were identified as the isolation and quarantine facilities for all the staff managing the COVID-19 suspect cases.
*5: Alau District Hospital, Bena District Hospital and Veitaqo Hospital.
*6: Planned at Bena District Hospital.
*7: Planned at Alau District Hospital and Bena District Hospital.
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### Milne Bay

#### Surveillance

- Alerts from rural health centres: ✔
- COVID-19 hotlines: ✔
- Daily COVID-19 reporting %: 25% *
- No. of RTIs: 1  
- Contact tracing team: ✔
- Quarantine team: ✔

#### Laboratory functions

- Functioning GeneXpert machines, trained staff and COVID-19 cartridges: ✔
- No. of GeneXpert machines: 0

#### Trained RCWs for COVID-19

- 54

*1 Between 3-9 July, the surveillance team is working on the strengthening of information management for ILS/SAH and surveillance at the health facilities. The health facilities surveillance system was expanded to include PNG, IMF (IOM) and WHO. *2 MTM was established after the training. *3 Milne Bay Provincial Hospital.

### National Capital District

#### Surveillance

- Alerts from rural health centres: ✔
- COVID-19 hotlines: ✔
- Daily COVID-19 reporting %: 100% *  
- No. of RTIs: 1  
- Contact tracing team: ✔
- Quarantine team: ✔

#### Laboratory functions

- Functioning GeneXpert machines, trained staff and COVID-19 cartridges: ✔
- No. of GeneXpert machines: 3  

#### Trained RCWs for COVID-19

- 21 of 26

*1 Between 3-9 July, 11 Landlines were installed at NCD PHA, PEC, for PHI follow-up. Full contact list is released to all health facilities to activate a response. A team of 12 is in place to cover province and cater for on-site Rota Flyer activities. Rapid response is also covered by this team. 24-hour roster is in place. *2 Bimba Health Centre, CHL, & Lower Road Urban Clinic. Installation at General Hospital need to be confirmed.

### Health facilities

- **Pre-triage sites:** ✔ 18  
- **Quarantine facilities:** ✔ 12  
- **Quarantine (underway):** ✔ 2  
- **Isolation facilities:** ✔ 1  
- **Isolation (underway):** ✔ 1  
- **ICU:** ✔ 1  
- **ICU (underway):** ✔ 1

#### Risk comms, community engagement & non-pharmaceutical interventions

- Communication materials distributed to the public: ✔
- Awareness activities conducted: ✔ *10  
- Non-pharmaceutical interventions implemented: ✔

### Challenges

- Low surveillance reporting between 3-9 July.  
- No reports from health facilities in Naka and Goodenough.  
- Limited supplies of PPE.  
- No space for pre-triage and quarantine facilities.  
- Readiness to quarantine people who are suspected of having COVID-19.  
- Readiness in case management for COVID-19.  
- Challenges in health workforce due to age.

*1 A vehicle has been designated for transportation of the COVID 19 patients. *2 Home quarantine & 6 are free beds in the isolation facility currently, including a delivery bed in Alotau Hospital. *3 The construction and refurbishment of the COVID-19 isolation facility and s is in progress. *4 The team needs schools.
Papua New Guinea Coronavirus disease 2019 (COVID-19)  
Health Situation Report 29 (Released: 12 July 2020; Report Period: 03 – 09 July 2020)

## Oro

**Surveillance**

<table>
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<th>Availability</th>
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<th>No. of beds</th>
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<tr>
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<td>✔</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>Quarantine facilities 1</td>
<td>✔</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Quarantine (underway)</td>
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<tr>
<td>Isolation facilities</td>
<td>✔</td>
<td>1</td>
<td>8</td>
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<td>✔</td>
<td>1</td>
<td>8</td>
</tr>
<tr>
<td>ICU</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ICU (underway)</td>
<td>-</td>
<td>-</td>
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</tr>
</tbody>
</table>

**Risk comm., community engagement & non-pharmaceutical interventions**

- Communication materials distributed to the public: ✔ ✔
- Non-pharmaceutical interventions implemented: -

### Challenges

- Low surveillance reporting between 3-9 July.
- Readiness in case management for COVID-19.

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**Western**

**Surveillance**

<table>
<thead>
<tr>
<th>Function</th>
<th>Availability</th>
<th>No. of facilities</th>
<th>No. of beds</th>
</tr>
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<tbody>
<tr>
<td>Pre-triage sites</td>
<td>✔</td>
<td>1</td>
<td>N/A</td>
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<tr>
<td>Quarantine facilities 1</td>
<td>✔</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Quarantine (underway)</td>
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<td>&gt;12</td>
</tr>
<tr>
<td>Isolation facilities 1</td>
<td>✔</td>
<td>2</td>
<td>24</td>
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<tr>
<td>Isolation (underway)</td>
<td>✔</td>
<td>2</td>
<td>28</td>
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<tr>
<td>ICU</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ICU (underway)</td>
<td>-</td>
<td>-</td>
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</tr>
</tbody>
</table>

**Risk comm., community engagement & non-pharmaceutical interventions**

- Communication materials distributed to the public: ✔ ✔
- Non-pharmaceutical interventions implemented: ✔ ✔

### Challenges

- Low surveillance reporting between 3-9 July.
- Following up with the contacts.
- Surveillance data flow, data management, and enhancement of (1) surveillance including event-based surveillance and the establishment of sentinel surveillance sites.
- Readiness in case management for COVID-19.
- Ageing issue in health workforce.
- Barrier awareness for their livelihood to Indonesians.
- Access to provincial budget of districts.

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1 Between 3-9 July. 2 A team based in Davao trained for surveillance and rapid response conducted sample collection in South Ty. Another team is responsible for entry screening at the ports for every passenger entering and leaving Davao and Krabang. Two officers were trained for sample collection from the visiting surveillance team. 3 Two in Davao General Hospital and one in Manda Hospital. Installation of one in Tubad Hospital went well last week, but 14 COVID疑是 COVID疑是 COVID疑是 COVID疑 is still waiting to be confirmed. Only 7 with results. One from an isolation area, a resident of Manda, and another of Tubad. 4 Davao is monitoring its residents by conducting sample collection. 5 Davao General Hospital and Manda Hospital have not yet identified health facilities for other COVID-19 patients. 6 A clinical emergency team consists of clinical nursing staff, an anesthesiologist, an emergency registrar, a laboratory specialist, Director of Medical Services, and a radiologist (Diagnostic Imaging). 7 Two in Krabang and two in Davao. 8 Krabang and Davao. 9 Davao General Hospital and Manda Hospital have not yet identified health facilities for other COVID-19 patients. 10 Davao General Hospital and Manda Hospital have not yet identified health facilities for other COVID-19 patients. 11 Davao General Hospital and Manda Hospital have not yet identified health facilities for other COVID-19 patients. 12 Davao General Hospital and Manda Hospital have not yet identified health facilities for other COVID-19 patients.
ANNEX B – Photos

Photo 1. COVID-19 training of health care workers and program managers in Simbu Province.

Photo 2. Participants practicing donning and doffing of PPE under supervision of Mr Paul Terau, the IPC trainer of Simbu PHA.

Photo 3. Opening of training in Kairiku Hiri District in Bereina, Central Province.
Photo 4. SARS-CoV-2 theory training at Conference Room, Hela Provincial Hospital.

Photo 5. IPC demonstration at Pathology Laboratory, Hela Provincial Hospital.


Photo 7. SARS-CoV-2 assay verification testing on GeneXpert platform.
Photo 8. SARS-CoV-2 symptomatic patient sample preparation by a medical scientist inside a Level II biosafety cabinet.

Photo 9. Daily morning meeting of the Pandemic Response Coordination Group at the National Control Centre.

Photo 10. Health Operations Meeting at the National Control Centre.

Photo 11. Exploratory meeting with NGOs (Anglicare PNG Inc., Child Fund, FHI 360, Hope Worldwide PNG and World Vision) on potential roles in enhanced COVID-19 testing.

Photo 12. Logistics meeting for operationalization of enhanced testing.
Photos 13-14. Rita Flynn Clinical Management Team receives Quarantine Kits from WHO.

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