

## PAPUA NEW GUINEA



### Digital Health Quick Facts

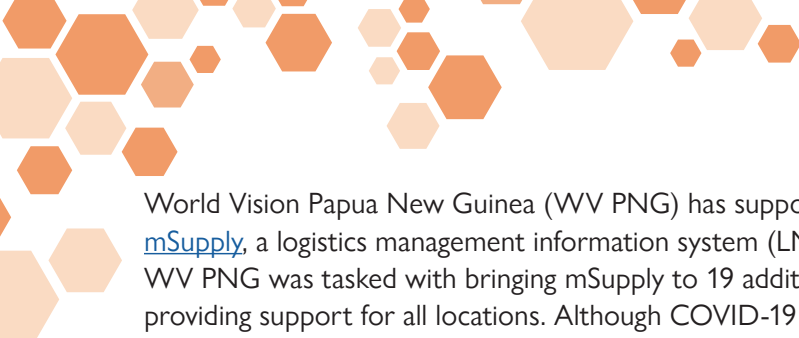
Project	mSupply
Timing	2015–2020
Phase	Scaling up
Programmatic approach	Supply chain support
Software	mSupply
User profile	Facility-based workers
Number of users	350
Number of collaborating health facilities	126
Number of beneficiaries reached	Approximately 500 medical personnel are trained to use the system

### Overview

Papua New Guinea’s National Department of Health (NDoH) has a goal of having a real-time reporting system that tracks the movement of drugs and other health commodities and that fills in gaps in the country’s pharmaceutical supply chain management cycle. Achieving this would:

- minimise the risk of oversupplied and expired products
- address transparency
- ensure that the government only procures registered and quality-assured medical supplies.





World Vision Papua New Guinea (WV PNG) has supported this goal since 2015. They began by implementing [mSupply](#), a logistics management information system (LMIS), in 17 health facilities. Building on that success, WV PNG was tasked with bringing mSupply to 19 additional health facilities between 2018 and 2020 and with providing support for all locations. Although COVID-19 slowed implementation in 2020, the overall target was ultimately exceeded by 2 locations. mSupply is now installed in 38 health facilities. This nationwide implementation indirectly benefits Papua New Guinea's entire population of more than 8 million by improving the country's health supply chain.

So that the NDoH can use the LMIS to get an effective view of the entire health system, WV PNG is also rolling out mSupply at the community level using mobile tablets. This implementation has been successfully piloted at 110 facilities, which includes 60 lower-level health facilities, 21 provincial disease control offices, 19 high-burden HIV antiretroviral therapy clinics and 10 tuberculosis basic management units.

With mSupply in place, health officers and management can make well-informed decisions by using near real-time pharmaceutical stock-related information. This has improved the NDoH's strategic use of information and achieve greater transparency overall.

## WHO Health Focus Areas\* Supported

- Infectious diseases (non-vector borne)
- Non-communicable diseases
- Sexual and reproductive health
- Vector-borne diseases

## Technology Partners

- **Technology:** [Sustainable Solutions \(Sussol\)](#)
- **Mobile Network Operator:** Digicel PNG

## Stakeholders

- National Department of Health of Papua New Guinea

## Funding

- Australian Government Department of Foreign Affairs and Trade (DFAT)
- The Global Fund to Fight AIDS, Tuberculosis and Malaria

## Contacts

### Programme Management

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\* Categories used to describe health focus areas are established within the structure of the World Health Organization's [Digital Health Atlas](#).

