

2018

ANNUAL REPORT





YWAM Medical Ships Australia - Papua New Guinea

YWAM Medical Ships Australia Ltd (YWAM MS) ABN 45 070 160 904 is a company limited by guarantee. Its registered office is located at 215 Walker Street, Townsville Queensland.

Charitable Status, Tax Concessions & Fundraising

YWAM MS is a Public Benevolent Institution (PBI) and a Deductible Gift Recipient (DGR).

YWAM MS' auditor is Jessups North Queensland - Chartered Accountants.

YWAM Townsville City Campus' auditor is Coutts Redington - Chartered Accountants.

Accreditations



The Australian Council for International Development (ACFID) is the peak Council for Australian not-for-profit aid and development organisations. YWAM MS is a signatory to the ACFID Code of Conduct, which is a voluntary, self – regulatory sector code of good practice. As a signatory we are committed and fully adhere to the ACFID Code of Conduct, conducting our work with transparency, accountability and integrity. Complaints relating to a breach of the ACFID Code of Conduct can be made to the ACFID Code of Conduct Committee via their website, <https://acfid.asn.au/content/complaints>

Feedback on this report and our operations can be sent to info@ywamships.org or in writing to: YWAM MS, PO Box 1959, Townsville QLD 4810.

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2018 AT A GLANCE



1.1

MESSAGE FROM MANAGING DIRECTOR



What an incredible year 2018 has been. Throughout the year we had the privilege of working alongside 162 Papua New Guinean health care workers in some of the most remote areas of Papua New Guinea (PNG) delivering on-the-job training and collegial support.

As I reflect on the pages of this report, these men and women deserve great commendation and encouragement as they persevere against great odds to help establish healthy villages. I am reminded of the individuals we have encountered throughout the year who benefited from our teams' efforts; the husband who received cataract surgery and is now able to provide for his family, the University of Papua New Guinea (UPNG) Medical student who received experiential training in her rural health placement, the mum-to-be in a remote village who was able to hear her baby's heartbeat for the first time, the child who received her polio vaccination, and the health centre that now has a working solar-powered vaccine fridge to help deliver immunisations. The contents of these pages represent thousands and thousands of individuals' lives changed. What a privilege to be a part of such change.

This past year brought an important stage in our operations - an external review, initiated by YWAM MS in conjunction with the Australian Department of Foreign Affairs and Trade (DFAT). This review proved to be very beneficial and encouraging. It highlighted some areas of significant strength, and specific areas we want to focus on for strategic growth. Some exciting developments have already taken place since that time.

One of the most surreal moments of 2018 was standing in the halls of Buckingham Palace receiving the Order of the British Empire from Her Royal Highness Princess Anne on behalf of our hard-working volunteers, generous donors, and loyal supporters who have helped make this wonderful work in Papua New Guinea possible. My forefathers who arrived on Australian shores generations ago as convicts would never have seen this coming! I sincerely thank you for being a part of this special journey.

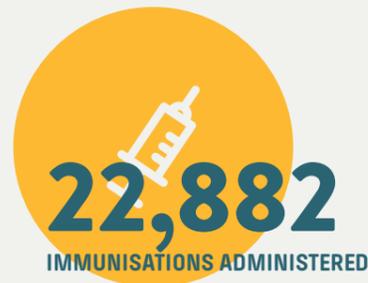
As we look forward, may you also be inspired and encouraged as we work together to develop healthy villages for a healthy nation. We are well aware that there is much more to be done and, despite the many challenges we face, we continue to keep in the forefront of our minds the individuals whose lives are changed as we persevere and bring hope.

Kind regards,

Ken Mulligan OBE OAM
Managing Director

1.2

2018 MILESTONES & HIGHLIGHTS



Expanded Outreach Schedule and Geographic Footprint

Our ship-based outreach schedule expanded from nine outreaches to twelve, further accelerating the service capacity delivered from MV YWAM PNG. Across both ship-based and land-based teams, this helped to facilitate a greater geographical reach, stretching from Lake Murray LLG in Western Province, to Woodlark Island in Milne Bay Province, and up as far as Umboi Island in Morobe Province.

Increasing Papua New Guinean Involvement

We celebrated our highest number of Papua New Guineans serving directly aboard the MV YWAM PNG in marine, medical or other operational roles. YWAM MS is honoured to have had 178 Papua New Guineans (approximately 25% of all YWAM MS volunteers) choose to join colleagues from many nations to donate their time and skills to serve PNG (151% of the 2016 tally).

Polio Outbreak Response

YWAM MS was pleased to be able to collaborate with a number of provincial governments to support mass polio immunisation drives, following a polio outbreak. YWAM MS helped transport local health workers and essential polio immunisations to remote locations, and provided additional human resources, boosting the reach of provincial health teams to achieve excellent immunisation coverage.

GeneXpert Increases Lab Capacity

Following installation in 2017, YWAM MS's GeneXpert IV system has significantly boosted the team's capacity to test for drug resistant TB. Alongside other parts of the TB response, the lab aboard MV YWAM PNG ran over 260 GeneXpert tests in 2018, supporting local health workers to be able to effectively diagnose and treat rural patients.

1000th Eye Surgery

In September 2018, YWAM MS was delighted to achieve the milestone of its 1000th eye surgery in PNG. Remarkably, volunteer ophthalmologist Dr Keith Maslin performed the 1000th surgery; and he was also the doctor who performed YWAM MS's first eye surgery in 2010.

Breakfast By The Sea

In June 2018, YWAM MS hosted its annual fundraiser, Breakfast By The Sea, in Townsville. YWAM MS was privileged to welcome representatives of the Government of Papua New Guinea, the Honourable Charles Abel MP, Deputy Prime Minister and Minister for Treasury, and the Honourable Sir Dr Puka Temu KBE CMG MP, Minister for Health & HIV/AIDS, alongside the Honourable Dr John McVeigh, Minister for Regional Development, Territories and Local Government, as a representative of the Government of Australia, alongside over 550 other guests.

New Engines

Towards the end of 2018, one of the engines aboard the MV YWAM PNG failed and required replacement. In a major team effort, two new engines were successfully installed aboard the vessel. These will power the MV YWAM PNG to continue serving the people of PNG for many years to come.



1.3 HISTORY

YWAM Medical Ships Australia & Papua New Guinea (YWAM MS) first started to engage in Papua New Guinea (PNG) in 2009, although YWAM's presence through land-based teams began in 1969.

Before YWAM MS' operations began, the YWAM MS senior leadership team met with the then Secretary for Health for PNG, Dr Clement Malau, to present the idea of a medical ship reaching rural and remote areas of the country with healthcare and training. With no money and little resources at hand, YWAM MS received an invitation from Dr Malau on behalf of the National Department of Health to bring the first ship, the MV Pacific Link, to the Gulf Province. The MV Pacific Link was gifted to YWAM Australia from YWAM Marine Reach New Zealand.

The first number of years were very challenging as YWAM MS started to sail into PNG's very remote and rural communities. From the beginning, YWAM MS worked in partnership with PNG both at a national and grassroots level to bring hope and resources to villages in great need. It became obvious that the MV Pacific Link (a 37 metre-long Japanese fishing vessel built in 1979) was limited to fulfill the demands and needs identified on the field. YWAM MS then began the process of acquiring a much larger ship that would be more suitable for PNG's remote areas, and to increase YWAM MS' capacity to support PNG's health system. At the time, it was a huge undertaking as YWAM MS had no funds toward the vessel. However, the very real needs up close on the field far outweighed the obstacles.

After much research, a second-hand ship was found – a small cruise liner built in 1999 by Austal. The asking price was AUD 6.5 million. To acquire the ship took an extreme amount of work; a small dedicated team made up of volunteer staff named the campaign "Overcoming the Impossible". The team worked tirelessly, giving their time and personal funds to make the dream a reality. People from all walks of life gave as the vision was presented – communities, churches, school students, companies, governments, charities, and individuals from all over the world contributed to the need. In 2014, YWAM MS officially acquired the vessel and began to work through the details of refitting the vessel into a training and medical ship that would serve hundreds of remote villages on an annual basis.

The vessel was named the MV YWAM PNG to reflect its intended purpose of dedicated service to the nation of PNG. YWAM MS' shared desire with national and provincial health authorities is for the vessel to be utilised as an innovative tool to deliver services that build capacity in local villages, by helping to provide training, supplies, encouragement, and support to the dedicated health workers serving on the ground. The vessel is headquartered out of Townsville, Australia and spends ten months of the year in PNG.

1.4

WHO WE ARE & WHAT WE DO

YWAM MS, a Christian charity, works in partnership with relevant national and provincial health authorities around a shared vision: healthy villages, and a healthy Papua New Guinea. YWAM MS' model is centred around the value of the individual and their right to receive healthcare. Over 84 percent of PNG's population live in rural areas. The isolation and lack of infrastructure makes delivering healthcare and training very challenging.

YWAM's Christian ethos endeavours to create policies and procedures that cultivate a healthy organisation to care, connect, serve and build within individuals and communities. YWAM MS teams work in partnership with rural health workers, especially at the district level, to achieve the following right at the doorstep of coastal and inland villages across the Southern Region and Morobe:

- Strengthening the capacity of rural facilities to serve year around including:
 - Delivery of drug supplies
 - Assistance with vital maintenance and upgrades to equipment
 - Peer support, supervisory visits, in-service updates
 - Boost district patrol capacity through facilitating collaborative patrol activities (explained below) in currently poorly served areas

- Work with grassroots communities (with a special focus on youth) to empower them to take an increasingly active part in promoting their own wellbeing
- Advocate to spotlight areas of current under-service, directing attention and resources to improve the situation on the ground
- Champion young people

PNG's National Health Plan (NHP) includes the expectation that rural health facilities will regularly reach out to villages in their catchment on what is called 'patrol', with a special focus on preventive maternal-child health services (including offering family planning and immunisations). It is these regular visits that are supported by YWAM MS' teams, along with a package of additional support, significantly reducing the marginal cost of each activity delivered to these challenging locations. While YWAM MS teams are there, communities benefit from additional services such as:

- Optometry services
- Sight-restoring eye surgeries
- Health promotion
- Tuberculosis screening
- Oral health and dental services
- Facility upgrades for health clinics (solar power, access to clean water, etc.)

As a mother ship, the MV YWAM PNG serves to build capacity in hundreds of villages throughout the Southern Region and Morobe Province each year. YWAM MS is not there to create an independent or parallel health service. YWAM MS aligns itself with the goals and objectives outlined in the National Department of Health's NHP.

Facilitating collaborative patrols is implemented in a variety of ways:

- Patrol supported by MV YWAM PNG at short range (teams deployed less than a 2-hour boat ride from the mothership)
- Patrol supported by MV YWAM PNG at long range deployed via extended-range patrol tenders (boats carried aboard) or
 - On foot / trekking or
 - Via helicopter
- Patrol conducted by ship-independent, land-based teams

YWAM MS proudly involves many students in patrols. This includes a variety of training programs, such as rural health workers who have requested upskilling, third and fourth year nursing and midwifery students doing their rural placements, and first year primary health care workers. Fifth year medical students from the University of Papua New Guinea (UPNG) also

join multiple outreaches a year to fulfill their rural health placements. YWAM MS' goal is to increase the health workforce in PNG, and training is a vital part of that. That said, all students work under supervision of qualified medical professionals with the appropriate medical qualifications and registrations for their job. In some cases, these are among some of the foremost professionals in their industry in their home nation.

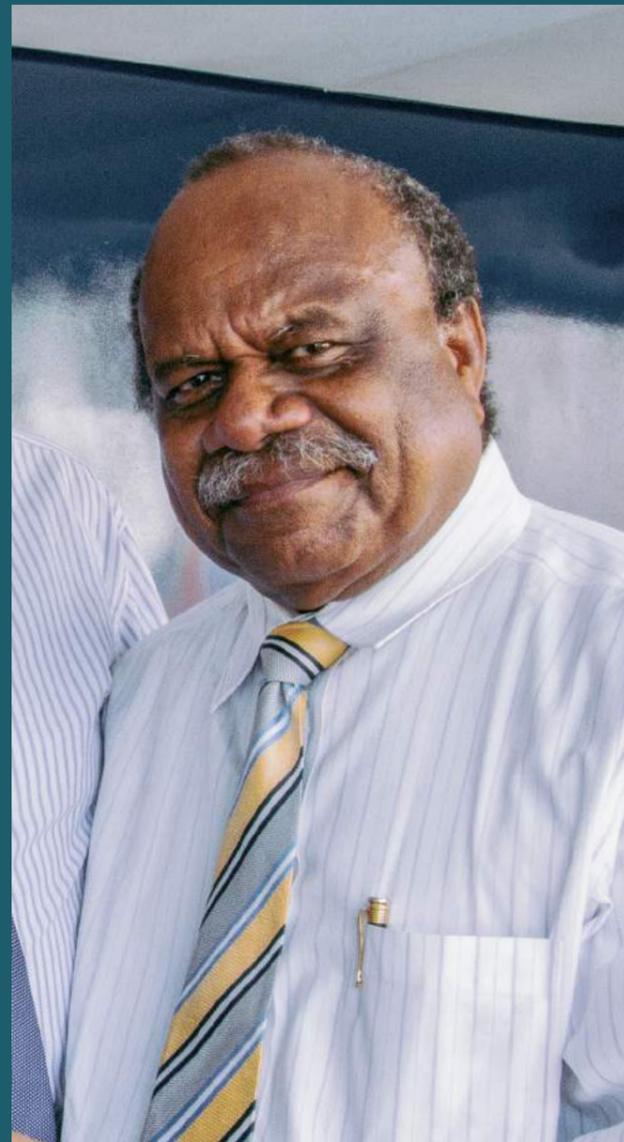
YWAM MS works by invitation, seeking to work in collaboration and respect with a non-partisan approach at the national, provincial, district, local level government, and village level. YWAM MS commenced outreaches in the Southern Region and Morobe Province after receiving an invitation from each of the provinces. These outreaches are carefully planned with detailed reports submitted after the completion of each outreach. Over time, specific districts have requested longer-term assistance and support as they develop their region and in 2019-20, YWAM MS will pilot a new phase of Healthy Village – Healthy Nation in partnership with several districts.



1.5

MESSAGES FROM YWAM MS PATRONS:

PAPUA NEW GUINEA



I am immensely proud of all that has been achieved throughout 2018. The stories outlined in this report are just a small glimpse of the thousands of lives changed. These changes are made possible thanks to our many partners across Papua New Guinea, Australia, and beyond.

I would particularly like to acknowledge Puma Energy and the Papua New Guinea Government for their strong support of YWAM MS over many years. Partnerships are a critical element of our work in Papua New Guinea and I have been proud of the productive relationships established across both Australia and Papua New Guinea.

As I conclude I would also like to thank our many partners including sponsors, volunteers, and the leadership team who are firmly focused on improving access to basic healthcare for our rural majority. Their care and commitment for individuals is truly moving as they give their lives to see lasting change in Papua New Guinea. Thank you.

The Right Honourable Sir Rabbie Namaliu
GCL KCMG CSM
Patron – Papua New Guinea

AUSTRALIA



It is an honour to write this message, in this, my tenth year as Australian Patron for YWAM Medical Ships Australia and Papua New Guinea. What a privilege to work alongside the hard working, committed, and professional group of people who donate their professional services to make this dream a reality. They are truly inspirational.

The outcomes which are being achieved in Papua New Guinea year on year are astounding. To be a part of delivering 430,480 training and medical services in 2018 to some of the most remote locations in the world is an immense privilege.

I want to particularly extend a heartfelt thanks to Managing Director, Ken Mulligan for his strong leadership, commitment, and vision in 2018. The stories of individuals and communities strengthened is not possible without strong leadership.

In concluding, I would be remiss not to acknowledge and commend the hundreds of volunteers from around the world who give of their own time and money to play their part in this incredible journey.

Honourable Mike Reynolds CBE, AM
Patron – Australia

1.6 KEY PARTNERS

PUMA ENERGY

HSC
Henry Schein Cares
Helping Health Happen.

Australian Aid

network communications

PAPUA NEW GUINEA

GULF PROVINCIAL GOVERNMENT

WESTERN PROVINCIAL GOVERNMENT

CENTRAL PROVINCIAL GOVERNMENT

ORO PROVINCIAL GOVERNMENT

MILNE BAY PROVINCIAL GOVERNMENT

MOROBE PROVINCIAL GOVERNMENT

SOHE DISTRICT DEVELOPMENT AUTHORITY

PNG PORTS CORPORATION

STEAMSHIPS

1300 SMILES Dentists

HONEYCOMBES PROPERTY GROUP

PARKSIDE GROUP

PORT TOWNSVILLE

AkzoNobel

MITSUBISHI ELECTRIC

HENRY SCHEIN HALAS Everything Dental

Ela Motors Your First Choice

Pacific Islands INTERNATIONAL

HAYMANS

Lions RECYCLE For Sight

City of Townsville

PRO-MA SYSTEMS

PACIFIC MARINE GROUP

m&s medical dental solutions

nmg northern management group

Bulletin THE NORTH'S OWN PAPER

Coutts Redington your part of difference

mun

SENTRY MEDICAL

Hu-Friedy

CLIMATROL AIR CONDITIONING Designing Comfort into Living

Mylan Better Health for a Better World

BUZZ

DAWSON & ASSOCIATES THE PROFESSIONAL BUSINESS CONSULTANTS

wilsonryan g&e

UNIVERSAL CRANES WITH EQUIPMENT

trukai

GEARBOX SOLUTIONS

luminell Light Makers

Alcon

LANCINI PROPERTY & DEVELOPMENT

FileMaker An Apple Subsidiary

THE STANLEY HOTEL & SUPPLIES

'GGI'

septodont

ESSILOR VISION FOUNDATION Better Life Through Better Sight

mocom AUSTRALIA

DAYS FOR GIRLS

3M

GE Healthcare

pwc

Pacific Towing

PVW PARTNERS ACCOUNTANTS AND ADVISORS

1.7 SUPPORTERS

- Air Niugini
- Aputos
- Aquacorp
- Atlas Copco Compressors Australia – QLD
- Barnabas Foundation
- B.Braun Australia Pty Ltd
- BlueKino
- BOC Ophthalmic Instruments
- Carl Zeiss Pty Ltd
- Cattani Australia
- Cirrus Insight
- Cook Islands Trust Corporation
- Credit Corporation Development Company
- Designs for Vision
- Device Technologies
- Dow Water & Process Solutions
- Electrotech
- Filter Supplies
- First Advisers
- Food Relief NQ
- Gadens
- GE & MJ Chapman Partnership
- GME Australia
- Heroes Need Heroes
- HI Fraser
- Insight Surgical
- International Agency for the Prevention of Blindness (IAPB)
- Jessups North Queensland
- Laila Foundation
- Lloyd's Register
- Marine Safe Australia
- Maritime Cook Islands
- Maritime Safety Queensland
- Metro Pharmacy
- MOB Enterprise
- Mineral Resource
- Nalco
- North Queensland Bulk Ports Corporation
- Novartis Pharm
- O'Shea & Dyer Solicitors
- OilMin
- Pacific Marine Group
- Pacific International Hospital
- Penske Power Systems
- PNG Australia Association
- PNG Dockyard Limite
- PNG Eye Care / Brien Holden Vision Institute
- Ports North
- QantasLink
- QBE Australia
- RA Tech Engineering Services
- RANZCO Scientific Congress
- Rosshaven Marine
- Shailer Medical
- Signs of Excellence
- Stryker Medical
- Suncorp Bank
- The Drill Guys
- The Navigation Centre
- Thermo Fisher
- Total E&P
- Tradelinked Cairns & PNG
- Transpacific Industries Group LTD
- Vital Medical Supplies
- WearCheck
- William Talbot Eye Care
- Xerox
- YWAM Melbourne
- YWAM Newcastle
- Zoll Medical Australia







02 PROGRAM OVERVIEW





2.1 MARITIME OPERATIONS

The year 2018 saw the MV YWAM PNG in Papua New Guinea for 10 months supporting 12 outreaches. This required continued growth in the capacity to support ongoing maintenance and repair in the course of routine operations. The crew continued to be very internationally diverse with captains from Canada, Norway, USA, and the Netherlands. As the ship continued to serve and build capacity in some of the same villages visited since 2010, YWAM MS also served for the first time in villages between Lae and Finschhafen.

ACCOMPLISHMENTS

- Migration from a legacy planned maintenance system with limited users and onboard-only functionality, to a cloud-based system. Using tablets and smartphones, multiple persons can complete and record both planned maintenance and repairs at work sites all over the ship into a system that facilitates continuous monitoring and support from the shore-based management team.
- ITC Global donated and installed a VSAT satellite antenna, providing a second such antenna on the ship. A second wifi network was set up so that short-term volunteers can access prepaid bandwidth while serving in remote areas away from their homes and businesses. This second antenna creates an important redundancy capability for the ship's critical communication infrastructure.

- On November 1st, the starboard main engine failed while underway in Western Province. The ship was able to complete the outreach and return to Port Moresby with the port main engine. Same-model replacement engines were located in New Zealand and delivered to Port Moresby where both engines were replaced over the course of December 2018 through early-January 2019 allowing the ship to be fully ready for outreaches commencing in January 2019.
- Several new handheld radios, mounted radios for small boats, and Emergency Position Indicating Radio Beacons (EPIRBs) were donated by GME. A complete new set of mooring lines were donated by Lankhorst Euronette. Many other partners and stakeholders continue to support the ship from PNG, Australia, and around the world.



2.2 PRIMARY HEALTH CARE

YWAM MS continued to work closely alongside PNG health care workers in 2018 to collaboratively provide general outpatient consultation services and facilitate integrated maternal-child health outreach patrols. The primary health care clinics are driven by the PNG National Health Plan 2011 - 2020, which advocates for a "back to

basics" approach, ensuring that each individual receives the basic healthcare that he/she requires. This includes immunisations, antenatal care, family planning, wound care, and general outpatient services.

SUMMARY STATISTICS

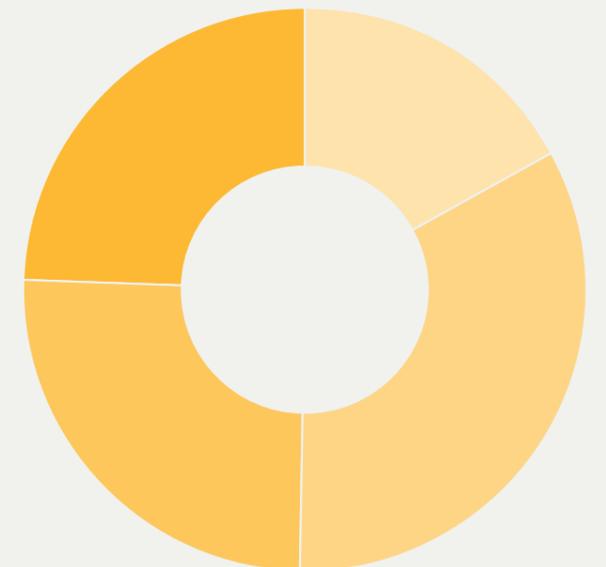
Across 12 ship-based & 5 land-based outreaches in 2018

PRIMARY HEALTH CARE PATIENTS

18,655

Target: 19,500

Demographics of Patients:



- 4,543 Girls (Under 18)**
- 6,192 Women**
- 4,716 Boys (Under 18)**
- 3,204 Men**



2.3

PRIMARY HEALTH CARE:

MATERNAL HEALTH FOCUS



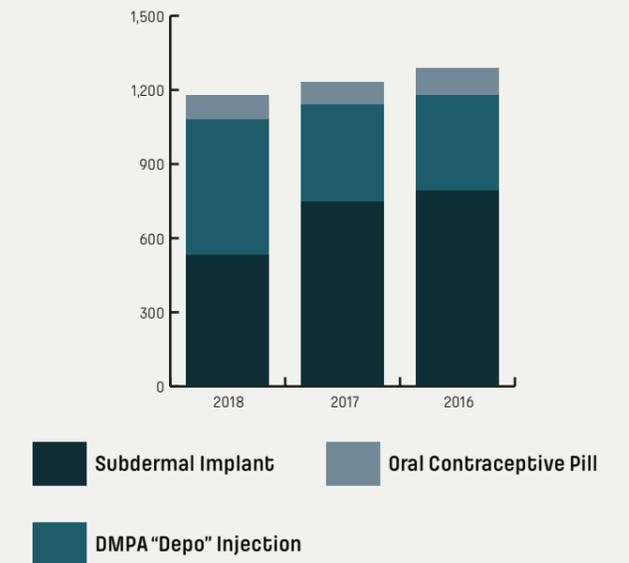
As previously outlined, maternal health care is a key focus of YWAM MS' activities in Papua New Guinea. This includes both antenatal checks and family planning consultations.

YWAM MS continues to provide medium-term, reversible contraceptive implants, which provide three to five years of contraception, as well as short-term options, including DMPA (Depo) injections and oral contraceptives. YWAM MS teams provide education about the various family planning methods and advocate for women to care for their bodies, while also encouraging wives to bring their husbands along in the decision-making journey. In 2018, YWAM MS provided 3,457 family planning consultations (913 in 2017, 278% increase), empowering women in remote locations to make informed decisions about caring for themselves and their families.

2018 HIGHLIGHT

In 2017 YWAM MS engaged with Guasopa Health Centre in Milne Bay, providing education to local health workers at the facility on various topics around antenatal care. Upon YWAM MS' return in September 2018, the local health workers at Guasopa proudly reported that the maternal morbidity rate decreased significantly in 2018, with only one maternal death occurring in the village. The health workers attributed this to the teachings they had participated in with YWAM MS teams the year previous and were excited to learn more in 2018.

Comparative Family Planning Choices:



SUMMARY STATISTICS

Across 12 ship-based & 5 land-based outreaches in 2018

INDIVIDUALS RECEIVED FAMILY PLANNING

1,180
Target: 1,563

COUPLE YEARS OF PROTECTION PROVIDED (CYP)

2,181
Target: 1,650

ANTENATAL CONSULTATIONS

1,060
Target: 788



2.4

PRIMARY HEALTH CARE:

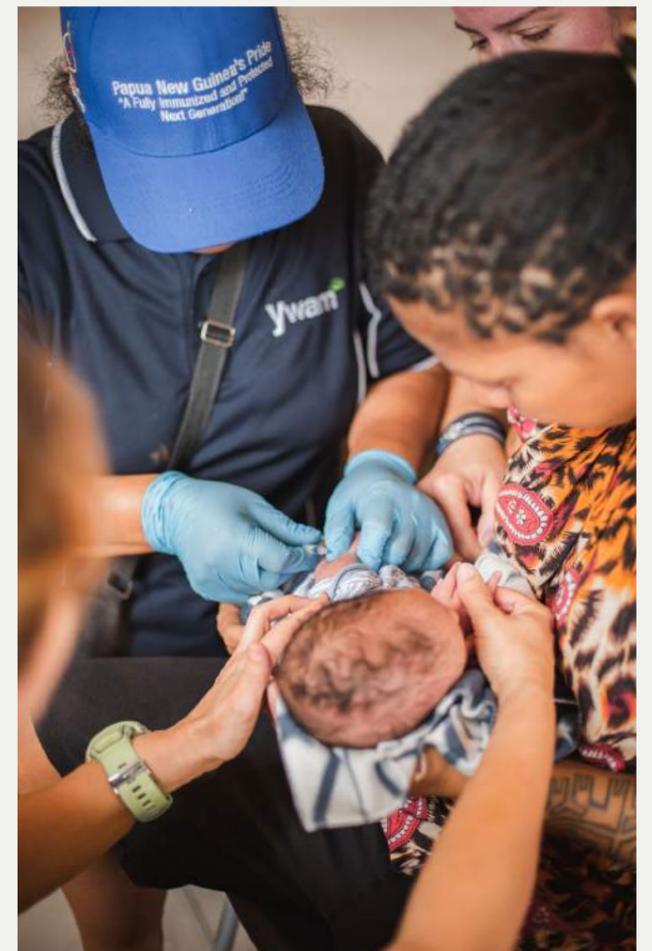
CHILD HEALTH FOCUS

Child health continues to be a focus of YWAM MS' activity, with an emphasis on preventative care and working alongside local health workers to provide quality care for Papua New Guinea's future generation.

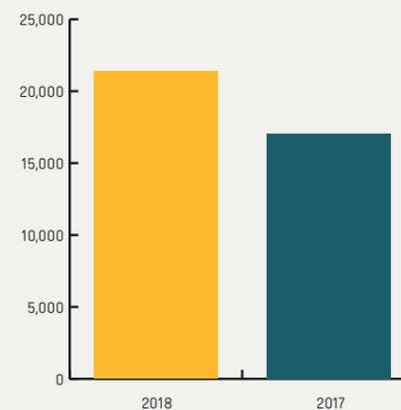
In addition to continued support in delivery of PNG's Routine Childhood Immunisation Schedule, YWAM MS was able to assist in delivery of several phases of a polio vaccination drive during the second half of 2018 in response to a confirmed outbreak within the country. Teams were deployed via small boat, four-wheel drive, and helicopter. Over 3,970 polio vaccinations were administered throughout YWAM-facilitated patrols in the latter half of 2018.

2018 HIGHLIGHT

In addition to actually administering immunisations, YWAM MS was pleased to deliver 2,200 doses of the oral polio vaccine (OPV) to the Middle Fly District Health Services (MFDHS) team in Western Province for round four of the OPV Supplementary Immunisation Administration patrol. These vaccines were delivered from the Area Medical Store in Port Moresby and were picked up by a MFDHS team from the MV YWAM PNG in the Bamu River. This delivery served to empower the MFDHS team to continue to fight against polio in their own province.



Total Number of Childhood Immunisations:



SUMMARY STATISTICS

Across 12 ship-based & 5 land-based outreaches in 2018

IMMUNISATIONS ADMINISTERED

22,068

Target: 15,000

SCHOOL CHILDREN SCREENED

3,127

Target: 2,700



2.5 TUBERCULOSIS & MOBILE CLINICAL LABORATORY



Tuberculosis (TB) continues to be a major public health issue in PNG. YWAM MS continued collaborations with partners to stop TB, through screening and testing suspected TB cases in the onboard mobile clinical laboratory, providing health education to communities, and supporting the professional development of PNG personnel in lab-based skill sets.

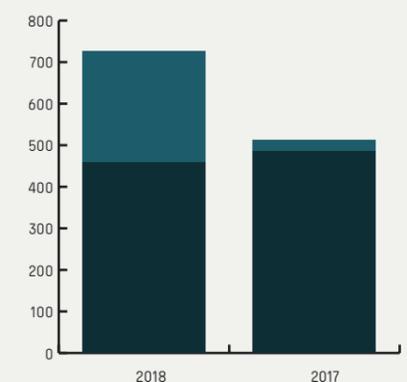
2018 HIGHLIGHTS

In December 2017, YWAM MS' lab team identified two four-year-old girls on Mailu Island as having TB. The MV YWAM PNG returned to Mailu Island late in 2018 and followed up on these cases. Both girls had finished their treatment and were healthy and enjoying life. YWAM MS is grateful to have had the opportunity to play a part in their treatment story.

This year saw the GeneXpert System mature into an integral part of the YWAM MS' TB testing process, with 267 GeneXpert tests run to detect TB and resistance to the drug rifampicin in cases of suspected TB. This was up from 27 in 2017 when this testing capability was introduced.

Additionally, YWAM MS supported the upskilling of Papua New Guinean lab workers, and provided training on the use of GeneXpert System in anticipation of the delivery of the technology to several partnering hospitals and health centres.

Tuberculosis Test Distribution:



Microscopy Tests GeneXpert Tests

SUMMARY STATISTICS

Across 12 ship-based & 5 land-based outreaches in 2018

INDIVIDUALS SCREENED BY LAB

464

Target: 360



MOBILE LAB PROVIDES DIAGNOSIS TO EIGHT-YEAR-OLD WITH ADVANCED TB

Wailagi Sub Health Centre sits on the mountainous shores of Goodenough Island in Milne Bay. The bustling centre serves the village of Wailagi and its surrounding areas, but its location offers a unique set of challenges, particularly for laboratory services. During the MV YWAM PNG's visit to Wailagi, the ship's laboratory staff had the opportunity to collaborate with the centre's personnel for tuberculosis (TB) testing.

The centre sees high numbers of TB, but in order for it to be tested and treated, samples have to be sent to a laboratory in Alotau. Getting the samples to the mainland can be problematic: "it takes sometimes months — we have communication problems, transport difficulties, and...we've been having very rough seas," said Wailagi's Nursing Officer, Cindy Feluwa.

That is where the ship's laboratory came in. The sub health centre had been waiting for Alotau's results for follow-up TB tests, but it was unclear when the results would make it back to Wailagi.

When the MV YWAM PNG arrived in Wailagi's waters, Ms Feluwa decided to recollect the samples and send them to the ship's onboard laboratory. "We got our results the same day we sent the samples in," said Ms Feluwa, "having YWAM here is...very helpful in many areas."

One of the beneficiaries of the speedy testing was an eight-year-old boy, Isaac*, from a nearby village. "He was identified, tested, and confirmed on Monday," said Tabitha Colwell, the ship's laboratory manager, "and by that evening he was receiving treatment for TB." His TB was quite advanced, yet he is now expected to make a full recovery.

The ship's laboratory staff also offered the health centre further training on completing lab forms, heat fixing samples, and staining slides, which are all critical steps in TB testing.

Additionally, the primary health care, optometry, ophthalmology, dentistry, and community engagement teams worked with the centre to offer further training and services. "I'm thankful for YWAM coming here, partnering with us, and for the in-service sessions they had," said Ms Feluwa.

As the ship set sail for other villages on Goodenough Island, volunteers hoped their time at the sub health centre was restorative for the hardworking Wailagi staff.

*Name changed



2.6 EYE HEALTH

In 2017, a range of eye health partners undertook a Rapid Assessment of Avoidable Blindness in PNG. The findings of this survey confirmed previous estimates of a very high burden of reversible blindness in Papua New Guinea. This includes both refractive error (corrected with glasses) and blindness due to cataract (corrected with surgery).

YWAM MS continues to respond to this confronting reality through membership of the PNG Prevention of Blindness Committee, ongoing collaborative rural extension services, and capacity building activities.



YWAM MS continues to work with local partners to facilitate optometry outreach services in focus districts across the Southern Region and Morobe Province. This includes visual acuity assessments in a clinic setting and vision screening in rural schools.

In addition to ship-based patrols, YWAM MS was pleased to support several land-based patrols, which provided reading glasses to 3,132 individuals.

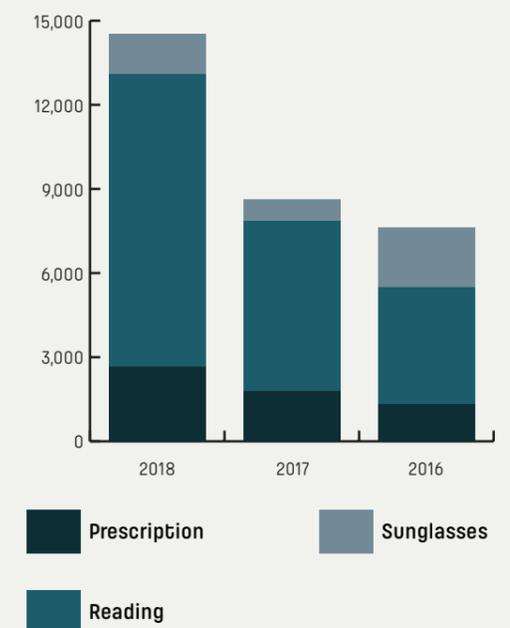
2.7 EYE HEALTH: OPTOMETRY

2018 HIGHLIGHTS

In December 2017, ophthalmic surgeons on board the MV YWAM PNG performed cataract surgeries on three sisters from Loupom Island, Central Province, two of whom had significant visual deficits. The surgeries were successful, and after a follow-up visit ensuring the wellbeing of these three sisters, they went home to their village in Central Province to enjoy their newly-received sight.

While the ship was in the area again in October 2018, YWAM MS team members sought out the three sisters during a clinic day. The volunteer refraction worker and optometry team leader made a special trip to assess the sisters' vision. All three sisters were found to be doing well, and stated that they have "noticed growth" in themselves and enjoy simple, everyday tasks once again, such as caring for their grandchildren. All three sisters had their vision screened, and two of the sisters received new prescription glasses.

Glasses Distributed:



SUMMARY STATISTICS

Across 12 ship-based & 5 land-based outreaches in 2018

OPTOMETRY PATIENTS

14,753

Target: 10,300



2.8

EYE HEALTH: OPHTHALMOLOGY

In 2018 the day procedure suite aboard the MV YWAM PNG continued to be used to mobilise eye health professionals from PNG and other nations, to contribute to reversing blindness for men, women, and children in remote parts of PNG.

YWAM MS reached a very exciting milestone in 2018: its 1,000th eye surgery in PNG. These surgeries represent much more than just procedures; but many lives have been transformed, such as 27-year-old Makasi seeing her young children for the first time, six-year-old Mandy slowly taking in her family's faces after three years of blindness, and 17-year-old Bray returning to school after his vision faded away at age 14. This milestone was



made even more memorable as Dr Keith Maslin, longtime YWAM MS volunteer and ophthalmologist, performed the 1,000th surgery. Dr Maslin also performed YWAM MS' first eye surgery back in 2010.

2018 HIGHLIGHTS

At 57-years-old, Margaret is stunning with her full face tattoo and wide smile. She has a large family and loves spending time with them, but for the last seven years her failing vision has restricted her ability to work alongside them.

Her visual difficulties were a result of cataracts, which limited her vision since 2011. Margaret loved caring for her family, but the cataracts forced her to relinquish many of those tasks. "My children had to do every work for me, like cook and feed me," she said, "I want to get better, I want to see and help my family."

When the MV YWAM PNG sailed into the waters near her home in Goodenough Island, Milne Bay, Margaret was excited to come aboard the ship to visit the onboard ophthalmology clinic. Her right eye was her strongest

eye, but even with it, she could only see broad hand motions from a distance of three metres or less.

YWAM MS' volunteer ophthalmologist approved Margaret's right eye for cataract surgery, which went smoothly. When she came back aboard the next day she blinked in the light as the patch was removed, and then a slow smile spread across her face.

She pointed to the YWAM logo on a volunteer's shirt and said "I couldn't see this yesterday...[now] I can see the name: Y, W, A, M."

Her vision had improved to 6/36 — and would continue to improve over the next few days — meaning she could resume many of the activities that her vision had previously made inaccessible. "I'm excited to read again," she said, "and my children will be happy too, because they missed me a lot, for so long...I'd like to thank the Lord for doing healing on me."

SUMMARY STATISTICS

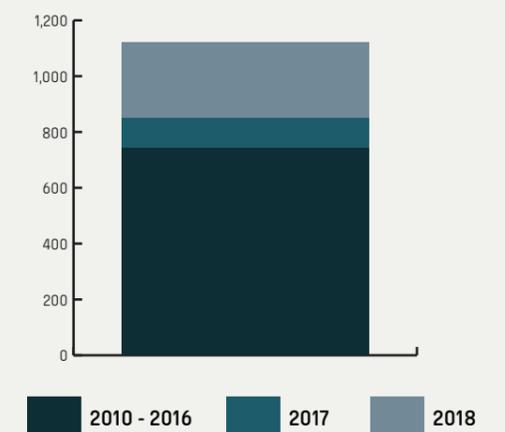
Across 12 ship-based & 5 land-based outreaches in 2018

OPHTHALMOLOGY PATIENTS

499

Target: 300

Total Ophthalmology Procedures:





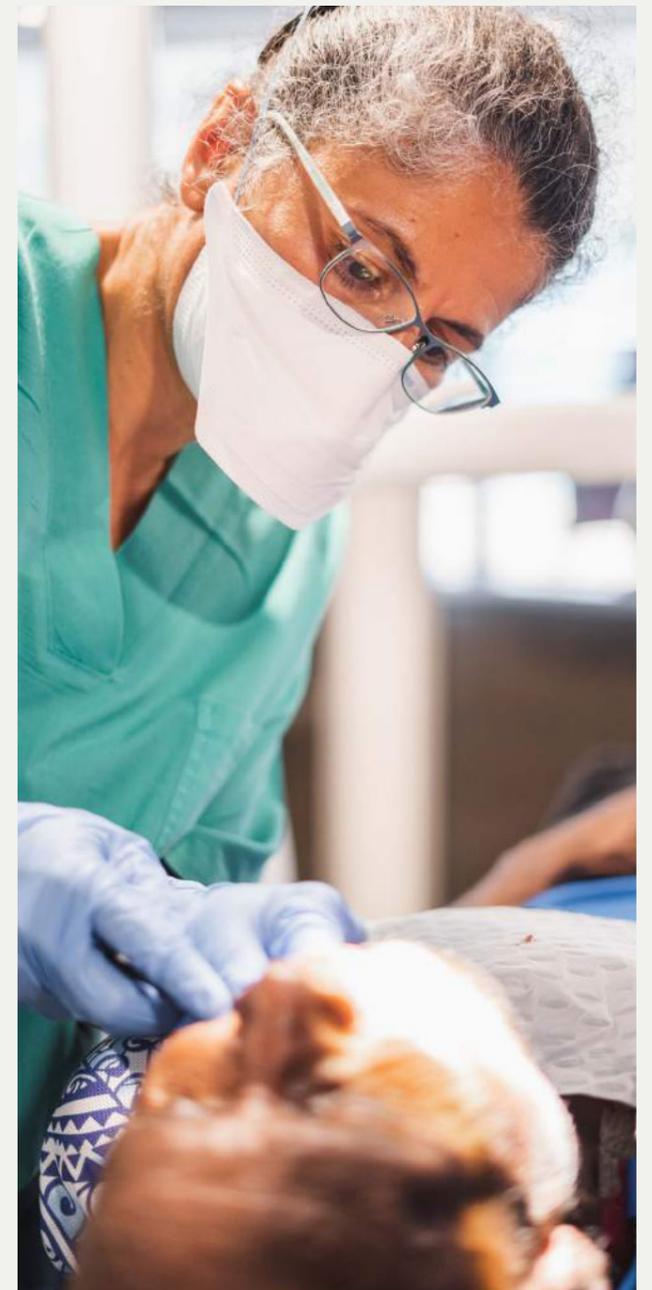
2.9 ORAL HEALTH



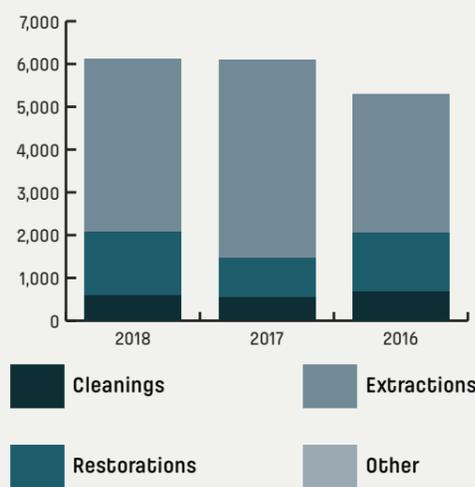
Improving oral health and providing dental services remained a key component of YWAM MS' operations in 2018, with dental teams seeing more than 4,700 patients and performing more than 6,100 dental procedures across the Southern Region and Morobe province. Dental activities occurred in the MV YWAM PNG's onboard dental clinic and on land-based patrols utilising portable backpack dental chairs. Emergency extractive work continues to be the prime focus of dental engagement, but demand for preventative and, in particular, restorative treatments has continued to increase across YWAM MS' areas of engagement.

2018 HIGHLIGHTS

YWAM MS is pleased to strengthen the ability of rural CHWs to effectively fulfill their role under PNG's Oral Health Standard Treatment Guidelines, as well as supporting other PNG oral health professionals to further their ability to provide effective oral health care to their patients. One way YWAM MS gives this support is through provision of dental tools and equipment, such as the I-DENT portable dental chair. An I-DENT portable dental chair was given to Oro dental therapist, Vinoria Anjiga in 2018. Ms Anjiga expressed that the chair would improve her effectiveness while undertaking oral health patrols in remote communities.



Dental Procedures Performed:



Hand-in-hand with provision of dental services, YWAM MS continued to provide oral health education to engaged communities, empowering and strengthening more than 30,000 people in remote communities to maintain or improve their oral health.

YWAM MS is thrilled to collaborate with many skilled PNG oral health workers from many different health facilities to support their delivery of these services. Such collaboration continues to be a significant component of YWAM MS' oral health program.

Another example of YWAM MS' support is Mrs Rennah Delesae, CHW from Balimo Health Center, who was given the opportunity to train alongside Australian dentist, Dr Phillip Roxburgh, for the duration of a two-week outreach. According to the dental scope of practice for a CHW, she was trained in administering anaesthetic (local and nerve block), performing extractions (including retained roots), and in the use of self-curing glass ionomer cement (GIC) for fillings as per the atraumatic restorative technique (ART) for management of dental caries. Mrs Delesae was also provided with a set of extraction instruments and the supplies and consumables she will need for extractions and GIC restorations. Mrs Delesae reported that the skills learned will be incredibly useful in her home town of Balimo, where she reports many people experience tooth pain and are in need of dental treatment.

SUMMARY STATISTICS

Across 12 ship-based & 5 land-based outreaches in 2018

TOTAL DENTAL PROCEDURES

6,123

Target: 5,700

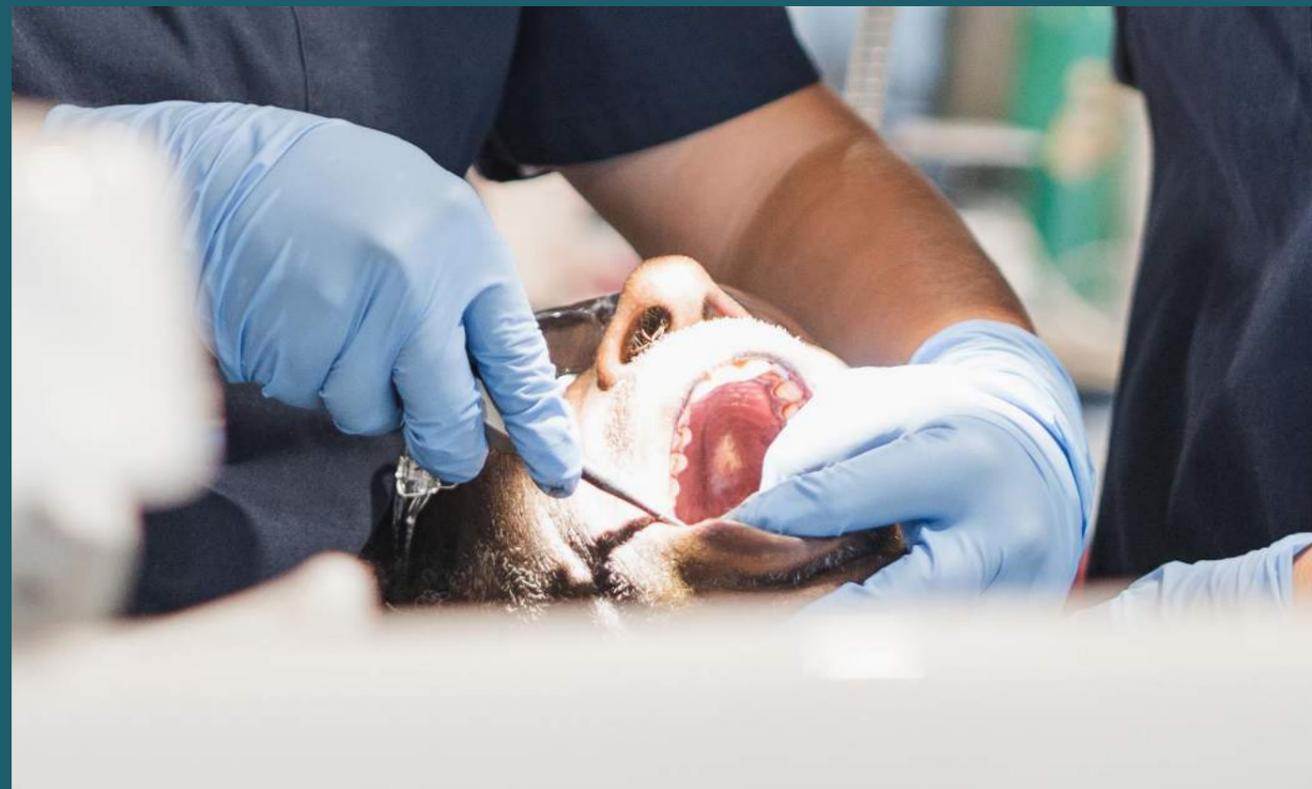
DENTAL PATIENTS

4,707

Target: 4,800



SPECIAL NEEDS DENTAL SPECIALIST TREATS YOUNG MAN'S TOOTHACHE



At 18-years-old, Edwin is a charmer. When he first met the YWAM MS volunteers, he grinned, waved, and took photos with them as he waited for a YWAM MS dinghy to arrive on the shores of Sohe District in Oro Province. The dinghy would take Edwin and his mother, Jesset, to the dental clinic aboard the MV YWAM PNG.

His visit to the clinic was special: Edwin has Down Syndrome, a chromosomal disorder characterised by developmental and intellectual delays. Although Edwin is nonverbal, he used signs to tell his mother that his teeth were hurting him. He first complained of the pain two years past, but this was his first trip to the dentist.

Unbeknownst to Edwin and his mother, one of the ship's volunteer dentists, Dr Daniel Sundaresan, specialised in special needs dentistry. As Edwin's Down Syndrome merited a nuanced approach, Dr Sundaresan's presence was invaluable.

"If you've got a patient with Down Syndrome, it's a case of behaviour management, knowing what comorbidities tend to present with Down Syndrome, and then making allowances for that," said Dr Sundaresan.

Dr Sundaresan worked quickly, using smiles and hand gestures to assure the young man. By the end of the procedure, Edwin had three teeth extracted — including the tooth that had caused him pain for two years.

His mother was grateful for Dr Sundaresan's compassion for her son. "He was very good with Edwin. It was interesting to see. [Edwin] didn't fight back, he was just lying there, still [and] peaceful," she said.

The experience was deeply meaningful for Dr Sundaresan as well. Several days later, when asked for the highlight of his outreach, he said simply, "Edwin."



2.10 HEALTH EDUCATION & EMPOWERING COMMUNITIES

Health education continues to be a strong focus for YWAM MS. It plays an important role in strengthening and empowering communities to engage in strategies to see greater holistic health in their communities. Education sessions were delivered for men, women and children and topics covered a broad range of health-related topics, including:

- Nutrition
- Oral Health
- HIV/AIDS
- Tuberculosis
- Malaria
- Gender Based Violence and Safe Communities
- Water and Sanitation
- Family Planning
- Immunisation, Child Health, and 'Lukautim Pikinini' (child protection)
- Safe Pregnancy and Birth
- Puberty
- Joint Care and Musculoskeletal Health

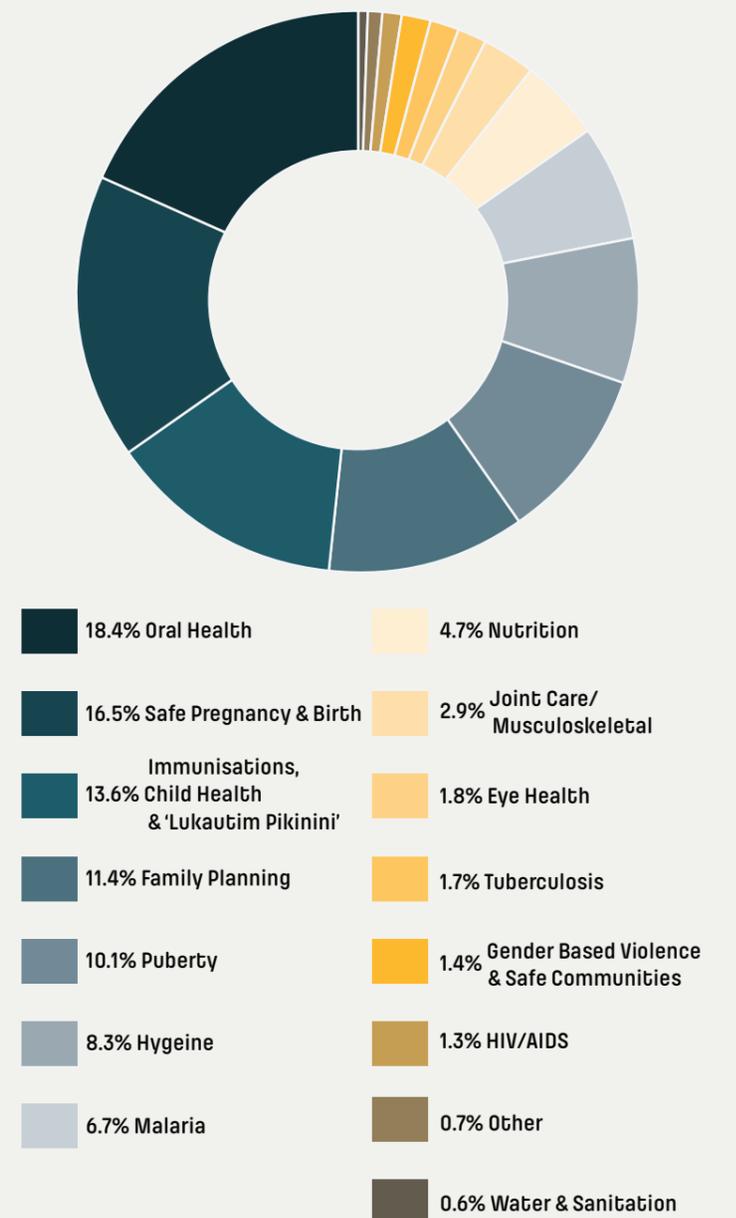
YWAM MS has also partnered with the Tribal Foundation to advance education about gender appreciation and gender-based violence in Papua New Guinea. "Senisim Pasin" is a film created by the PNG Tribal Foundation and was screened in many villages engaged throughout 2018. After the film, viewers

have the opportunity to make a pledge to abstain from gender-based violence. YWAM MS community engagement teams were also diligent to facilitate mens' and womens' talks throughout many villages engaged, discussing healthy relationships and gender appreciation.

Peer mentoring, involving the mobilisation of young Papua New Guineans as educators, remains a strong focus for YWAM MS. These young Papua New Guineans remain a crucial component of YWAM MS' community engagement teams.

Late-2018 has also seen YWAM MS begin to implement the Community Action and Participation (CAP) initiative, designed to empower members of communities to drive local initiatives to see healthy villages forming across Papua New Guinea. YWAM MS was delighted to work alongside the Sohe District CAP coordinators while in Oro Province to help strengthen YWAM MS' understanding of the potential impact that the program can have in villages. YWAM MS plans to implement the CAP program more comprehensively in 2019.

Percentage of Sessions Delivered on Health Education Topics:



SUMMARY STATISTICS

Across 12 ship-based & 5 land-based outreaches in 2018

ATTENDEES AT HEALTH PROMOTION SESSIONS

216,579

Target: 240,000



2.11 HEALTH WORKFORCE & CAPACITY BUILDING

YWAM MS engages in a range of activities to strengthen Papua New Guinea's health workforce, especially in rural areas. Activities also focus on building capacity within young Papua New Guineans serving as part of the program in non-clinical roles. This is in addition to the community health education focus presented at 2.10.

YWAM MS' human capacity building initiatives can be broadly classified into five main domains:

1. Collaborative clinical activity: peer support and collegial education is an important developmental strategy in health professional vocational practice
 - These opportunities, including exposure to international colleagues, are not otherwise available to the majority of rural health workers and also benefit urban-based PNG health workers serving aboard
2. In-service training sessions
 - Provided for rural health workers, often directed to learning needs they identify, however, interlinked with topical updates from key partners (e.g. updates on new inclusions in the PNG Childhood Immunisation Schedule or updates to PNG Standard Treatment Manuals)
3. Rural clinical placement for students
 - For example, UPNG medical students are regularly engaged aboard for their Year five Rural Block health attachment
 - There is strong qualitative evidence from students and their supervisors that their attitudes to practice and orientation to rural health are positively impacted by such placements

4. Community health education

- Previously outlined at 2.10

5. Youth empowerment program

- Young PNG volunteers are given opportunity to join YWAM MS field teams as general volunteers and receive mentoring, practical leadership training, and skills development specific to their placement; all the while, immersed in an international team environment and gaining exposure to development opportunities within their nation.

2018 HIGHLIGHTS

YWAM MS' first outreach in Finschhafen District proved to be quite a highlight in regards to health workforce strengthening. Braun Hospital has a tremendous number of staff who are eager to be continually upskilled, as well as a community health worker (CHW) school full of students who are excited to begin their journey into health care.

Forty-nine CHW students from Braun CHW School joined the YWAM Medical Ships' community engagement teams throughout the first week of the outreach. These students were made familiar with YWAM MS' health promotion material and then went on to conduct health promotion sessions in the communities on multiple topics, including general hygiene, malaria prevention, hand washing, and oral health. This not only increased their knowledge in simple health care topics, but also served to provide a learning opportunity in leadership, education, and public speaking.



2.12 SUPPLY CHAIN SUPPORT



Whenever possible, the MV YWAM PNG is utilised not only as a medical and training ship, but also as a small cargo ship, providing logistical support to the provinces through transportation of essential medications and consumables. In this way, YWAM MS is able to support and empower local health workers to care for the people within their districts and provinces.

2018 HIGHLIGHTS

The Area Medical Store (AMS) in Port Moresby released five pallets of medical supplies to YWAM MS to deliver to health centres in Gulf Province throughout a scheduled two-week outreach in the province. During this same outreach, a dinghy was transported to Gulf Province on behalf of the TB Emergency Response Team (ERT) in Port Moresby.

An additional highlight of 2018 was when YWAM MS assisted with the installation of a solar refrigerator at Guasopa Health Centre, restoring cold chain at this facility for the first time in six months. This now allows for the consistent administration of immunisations for the people living within this catchment.

SUMMARY STATISTICS

Across 12 ship-based & 5 land-based outreaches in 2018

DOSES OF VACCINES TRANSPORTED

16,610

ESSENTIAL MEDICAL SUPPLIES TRANSPORTED

19,421

(Medications, consumables, etc)

VARIOUS FAMILY PLANNING MODES TRANSPORTED

946

(Oral contraceptives, subdermal contraceptive implants)



2.13 WATER/SANITATION & SOLAR POWER



An ongoing task for YWAM MS community engagement teams has been helping support local communities to increase their access to clean water and electricity through helping install or repair water tanks, and installing water filters and solar power kits. Members of YWAM MS community engagement teams collaborate with members of the local population to increase knowledge among locals, and to upskill individuals and groups within communities to independently maintain and repair such infrastructure.

One such collaboration occurred at Guasopa in Milne Bay Province, where members of YWAM MS engineering team aided staff of Guasopa Health Centre to install solar panels on the roof of the health centre which

enabled them to power their vaccine fridge. This increased the ability of health workers to provide immunisation coverage to nearby populations. YWAM MS team members also helped to repair a water pump at the health centre, ensuring that the health centre continued to have access to clean water.

In 2018 YWAM MS sent three young Papua New Guineans to Solomon Islands to attend Community Transformation and Water Technologies seminars. These three volunteers, along with some of their classmates, will join the MV YWAM PNG on outreach again in 2019. They will use their training to drill water wells and to install low-cost hand pumps to provide communities with reliable, clean water sources.

SUMMARY STATISTICS

Across 12 ship-based &
5 land-based outreaches in 2018

WATER TANKS INSTALLED

3

WATER TANKS REPAIRED

91

WATER FILTERS MADE

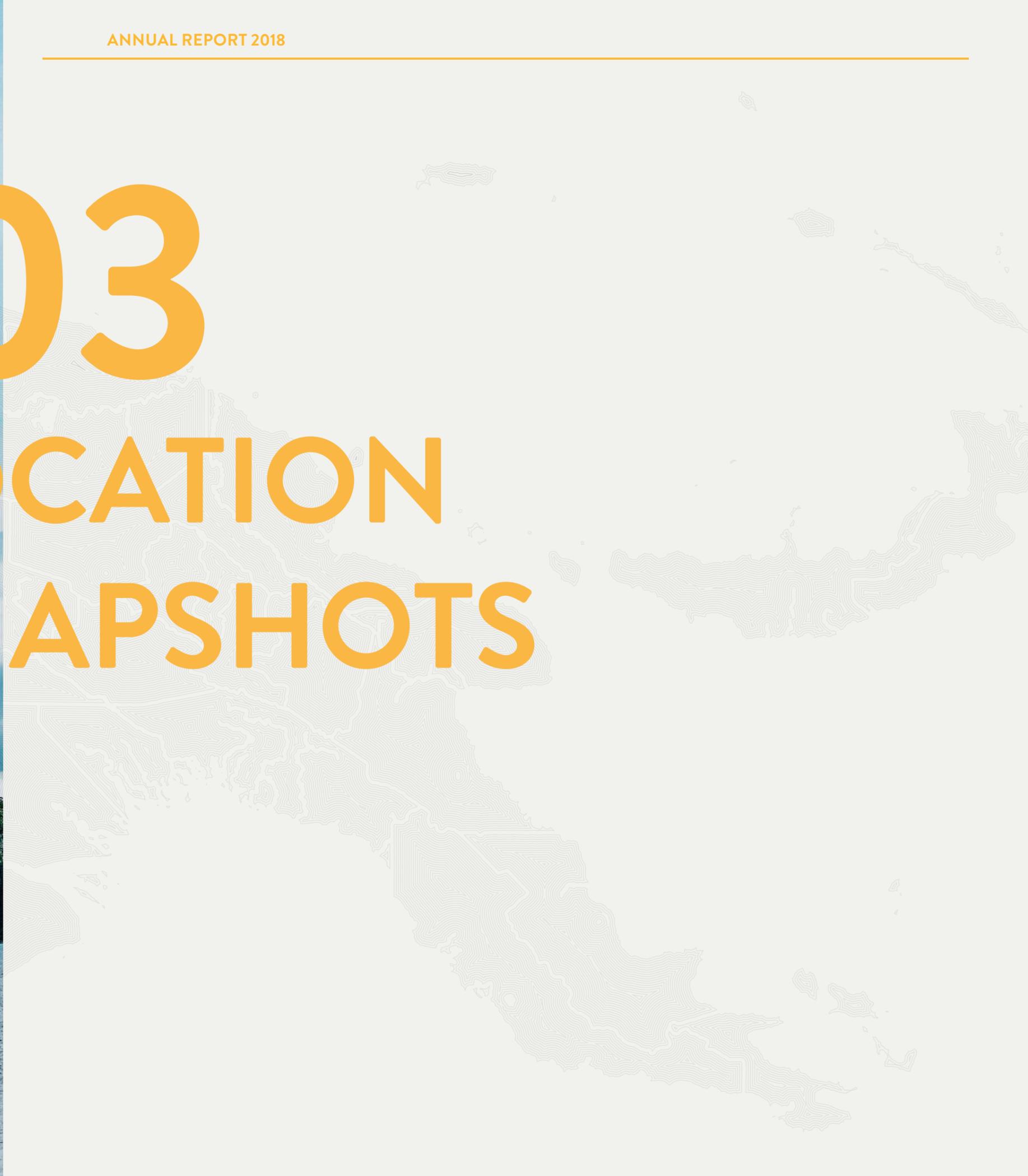
45





03

LOCATION SNAPSHOTS





3.1

CENTRAL PROVINCE

YWAM MS has engaged with Central Province since the acquisition of the MV YWAM PNG in 2015. One significant driving force behind these collaborative efforts is the unmatched passion of Sister Rigolo Mokela, Family Health Services Coordinator for Abau District. Sister Mokela (also known as "Sister Riggs" to her ship family) not only joins outreach herself,

but also consistently maximises this outreach opportunity for her team in order to reach as many people as possible.

Abau District continued to be a large focus area of 2018, with engagement in Rigo and Kairuku-Hiri Districts as well.



Alongside providing care to general ambulatory patients presenting to mobile clinics, clinic staff are always intentional to engage local health care workers and communities in identifying and accessing consultation for people living with disability.

One noteworthy case was that of a sixty-year-old male in Pinupaka who was an incomplete quadriplegic from a sporting accident many years ago. The man was housebound and mostly limited to lying on the floor. YWAM MS' volunteer occupational therapist and physiotherapist assessed the patient and his environment to provide recommendations to him and his family for adequate care. A splint was fabricated

for his hand to prevent contractures, and an overhead trapeze was fabricated to enable the patient to rise into a sitting position independently. This overhead trapeze also allowed for transferring to a chair with the assistance of just one person, which would otherwise take three individuals.

Another patient living on Yule Island presented to clinic with an amputated hand due to a machete incident four years prior. To the primary health care clinic leader's amazement, a volunteer nurse practitioner from Hawaii had brought two prosthetic arm attachments along on the outreach. The patient was therefore fitted with a prosthesis, allowing him to regain some use of that arm.

SUMMARY STATISTICS

3,429
PRIMARY HEALTH CARE PATIENTS

356
REPRODUCTIVE HEALTH
CONSULTATIONS

167
FAMILY PLANNING RECEIVED

2,974
IMMUNISATIONS ADMINISTERED

1,713
DENTAL PROCEDURES

4,293
GLASSES DISTRIBUTED

40,842
HEALTH PROMOTION SESSION
ATTENDEES ACROSS 2,170
SESSIONS/ACTIVITIES

3.2 GULF PROVINCE

YWAM MS and Gulf Province have been collaborating since 2009, and collaboration in 2018 served to continue to strengthen this partnership. Ship-based patrols were focussed in Kikori District, while land-based teams served primarily in Kerema District.

Gulf Christian Services (GCS) continues to be a good friend and partner of YWAM MS, and many health workers from GCS came aboard once again to join

forces while the MV YWAM PNG was in the province. This ensured an efficient and fruitful outreach. GCS was also instrumental in the transportation of patients to and from the ship for ophthalmic consultations, ensuring that patients in the most remote locations were able to undergo sight-restoring surgery.



In November the MV YWAM PNG was scheduled to engage in Kikori District for a two-week outreach. Unfortunately, the ship experienced an unforeseen engine malfunction, requiring the ship to remain stationary and therefore unable to sail from Port Moresby to Kikori. As an alternative to ensure Gulf Province engagement, a land-based team was deployed by vehicle to Kerema, while the ship remained anchored near Port Moresby.

YWAM MS leadership was pleased to collaborate with Mr Ben Bal, Provincial Health Administrator, and Sister Ekaloa Mefaramu, Provincial Health Coordinator for Public and Rural Health Extension Services, to plan

this outreach. Mr Bal worked to secure transport and accommodation for the team, while Sister Mefaramu communicated with the health centres to ensure they were expecting the YWAM MS team.

General outpatient services, antenatal care, and family planning sessions were held in primary health care clinic in six locations. A small optometry team also assessed patients and dispensed reading glasses, and health promotion teachings were conducted throughout the two weeks.

SUMMARY STATISTICS

1,558

PRIMARY HEALTH CARE PATIENTS

233

REPRODUCTIVE HEALTH CONSULTATIONS

128

FAMILY PLANNING RECEIVED

2,216

IMMUNISATIONS ADMINISTERED

679

DENTAL PROCEDURES

2,098

GLASSES DISTRIBUTED

15,106

HEALTH PROMOTION SESSION ATTENDEES ACROSS 917 SESSIONS/ACTIVITIES

3.3 MILNE BAY PROVINCE

The MV YWAM PNG's operations spanned across Kiriwina-Goodenough, Esa'ala, Alotau, and Samarai-Murua Districts in 2018. YWAM MS was pleased to collaborate with Milne Bay Provincial Health Authority (MBPHA) once again to provide services to the remote and isolated regions of the province. The YWAM MS field team and local health workers were joined by Alotau General Hospital staff, including specialty staff from paediatrics, physiotherapy, psychiatry, laboratory and infectious disease, ophthalmology, and oral health.

For the second year, collaboration with Woodlark Mining Company served to be synergistic, as the company generously provided vehicles and drivers to transport teams and patients from the ship to villages on Woodlark Island.



MBPHA OPHTHALMIC TEAM TRANSPORTED TO GOODENOUGH ISLAND

YWAM MS was very pleased to work in synergy with the ophthalmic team from Alotau General Hospital, led by Dr Helai Baru. This team of four planned an ophthalmic outreach patrol in conjunction with the YWAM MS outreach to Goodenough Island, utilising the MV YWAM PNG for transportation to their planned location. Dr Baru's team, plus surgical equipment and consumables, traveled on board during the initial sail from Alotau to Bolubolu, Goodenough Island. The team then received transport via Bolubolu Health Centre ambulance to Watuluma Health Centre at the north

end of the island, where they performed cataract and pterygium surgeries for the week.

YWAM MS also supported this ophthalmic team through the donation of surgical consumables and provided 80 litres of diesel fuel to the Bolubolu Health Centre team for transport of the ophthalmic team to Watuluma and for continued transport of patients requiring eye surgery to Watuluma throughout the week as they presented.

SUMMARY STATISTICS

2,430

PRIMARY HEALTHCARE PATIENTS

232

REPRODUCTIVE HEALTH
CONSULTATIONS

73

FAMILY PLANNING RECEIVED

1,653

IMMUNISATIONS ADMINISTERED

986

DENTAL PROCEDURES

2,319

GLASSES DISTRIBUTED

44,355

HEALTH PROMOTION SESSION
ATTENDEES ACROSS 1,410
SESSIONS/ACTIVITIES

3.4 MOROBE PROVINCE

YWAM MS continued to build relationship within Morobe Province in 2018, engaging in both familiar and new territories. As always, efforts within the province were a true collaboration amongst YWAM MS and Morobe Provincial Government, as well as Provincial and District Health Teams.

Honourable Ginson Saonu, Governor of Morobe, and Ms Sheila Harou, Acting Provincial Administrator at the time, visited YWAM MS headquarters in Townsville while travelling in Australia. Strategic planning meetings were held during this visit, discussing both long- and short-term goals of the partnership between Morobe and YWAM MS.

The ship-based outreaches focused on Tewae-Siassi District once again, with expansion into Finschhafen District this year. Finschhafen was especially welcoming and rallied multiple health centres within the district to provide transportation for the YWAM MS teams. Helicopter patrols were deployed to reach communities in inland Kabwum District. These helicopter patrols, funded by Morobe Provincial Health, were strategically planned with the Morobe Provincial Health team, to aid the emergency polio response, which was led by Mrs Patricia Gahano, Family Health Services Coordinator, and to assist in containing a noted pertussis outbreak.

YWAM MS was also grateful to receive a funding pledge of PGK 500,000 from Honourable Ginson Saonu on behalf of the Morobe Provincial Government. This funding was provided during the course of 2018.



DENTAL VETERAN LEARNS NEW SKILLS IN YWAM DENTAL CLINIC

When the MV YWAM PNG, sailed into the waters near Mr Ben Sunga's workplace, the Papua New Guinean dentist was eager to come aboard for the outreach in Finschhafen District, Morobe Province. Mr Sunga has worked as a dentist for 41 years, but volunteering on the ship's two-week outreach gave him his first chance to collaborate with another dentist.

In the ship's onboard dental clinic, Mr Sunga worked alongside Dr James Clish, an Australian dentist who qualified in 2015. The differing backgrounds proved valuable. "It was really collaborative," said Clish, "He

had 40 more years under his belt than I did, but we were both on the same wavelength." Mr Sunga echoed the sentiment, "I've learned a lot from this."

As Finschhafen's sole dentist, Mr Sunga was eager to learn techniques that had arisen in the years since his training. During his time onboard, Mr Sunga and the team performed 280 procedures. Mr Sunga returned to Braun Hospital at the end of the outreach but took the lessons with him. "I'm so happy to learn from James," said Mr Sunga.

SUMMARY STATISTICS

3,122

PRIMARY HEALTH CARE PATIENTS

358

REPRODUCTIVE HEALTH CONSULTATIONS

197

FAMILY PLANNING RECEIVED

5,708

IMMUNISATIONS ADMINISTERED

792

DENTAL PROCEDURES

2,785

GLASSES DISTRIBUTED

50,020

HEALTH PROMOTION SESSION ATTENDEES ACROSS 1,285 SESSIONS/ACTIVITIES

3.5 ORO PROVINCE

YWAM MS engaged in both Sohe and Ijivitari Districts once again in 2018, spending time in Tamata Rural, Oro Bay Rural, Safia Rural, and Tufi Rural LLGs. Most communities engaged had been visited in the past by YWAM MS; however, it was the first time for the MV YWAM PNG to hold clinics in several communities, including Foru, Gobe, Dombada, Bebewa, and Jingada.

Each year YWAM MS looks forward to collaboration with the Oro Provincial Health team, including Mr Philip Tahima and Mr Nitchkey Guba, who have been involved with YWAM MS since 2013. Ten other health workers from Oro Province joined the teams in 2018, ensuring excellent collaborative care for the patients within the province.



COLLABORATIVE PATROL REACHES REMOTE COMMUNITY IN SOHE DISTRICT

YWAM MS was pleased to deploy a sixteen-person collaborative team for a three-day, two-night patrol to laudari No. 2 for the second consecutive year. In 2017 the patrol was facilitated via helicopter; however, this year YWAM MS was able to send two boats upriver, affording a larger team and an increased number of services.

Mr Phillip Tahima, Oro Provincial Community Health Worker and longtime YWAM MS volunteer, noted that things had changed since 2017's collaborative patrol. Although malaria was still prevalent, Mr Tahima

stated that the cases were less severe, and the village was cleaner. "There have been improvements," said Mr Tahima. The improvements are a testament to the village's perseverance. Despite a village elder's estimation of population of 300 to 400, laudari has no community healthcare workers or nurses, nor any power or running water. As a result, the ill have to walk at least an hour to the closest health centre. Once there, healthcare services are limited due to supply shortages; the centre has no immunisations or malaria medication.

SUMMARY STATISTICS

2,015

PRIMARY HEALTH CARE PATIENTS

196

REPRODUCTIVE HEALTH CONSULTATIONS

106

FAMILY PLANNING RECEIVED

1,611

IMMUNISATIONS ADMINISTERED

395

DENTAL PROCEDURES

851

GLASSES DISTRIBUTED

16,083

HEALTH PROMOTION SESSION ATTENDEES ACROSS 672 SESSIONS/ACTIVITIES



3.6 WESTERN PROVINCE

The year 2018 marked YWAM MS' ninth year of collaboration with Western Province. Relationships with Middle Fly District Health Services (MFDHS) and Western Provincial Health continue to be quite fruitful. While engagement focused primarily along the Bamu River, in Daru, and surrounding villages, the MV YWAM PNG made her maiden voyage to the North Bank of the Fly River, engaging in villages that YWAM MS had not reached since MV Pacific Link days.

YWAM MS further increased its geographical footprint within the province, sending a land-based team to Lake Murray for the first time. This was a significant patrol, pioneering relationships and endeavours that will continue to be developed throughout the years.



Collaborating with local health workers in the fight against TB is consistently a theme when working within Western Province, and 2018 proved to be no different. While the YWAM MS team was in Daru, they had the pleasure of collaborating with World Vision, working at five of their feeding program sites for patients on TB treatment. They supported the feeding program, while also delivering health promotion education that can empower those with TB and their family members. Community engagement teams also collaborated with TB treatment supporters (trained by World Vision) in most villages engaged in the Bamu River.

One highlight of the year in Western Province was providing follow-up consultation to a woman assessed 2017 by the YWAM MS team. During the

November 2017 outreach to the Bamu River, a mother receiving TB treatment was seen with her young baby by YWAM MS' primary health care team. It was found that the mother's milk production was quite low, and the baby was malnourished and underweight. The mother was given medication to stimulate milk production. The primary health care team also educated the woman and her husband how to administer baby formula, which was provided by the team. In March 2018, the woman and child were seen again by YWAM MS' primary health care team. The mother was tested by the YWAM MS lab team for follow-up as a TB patient; sputum microscopy and GeneXpert tests were negative. The baby had also gained weight since November and was found to be much healthier!

SUMMARY STATISTICS

4,732
PRIMARY HEALTH CARE PATIENTS

795
REPRODUCTIVE HEALTH CONSULTATIONS

476
FAMILY PLANNING RECEIVED

8,122
IMMUNISATIONS ADMINISTERED

1,205
DENTAL PROCEDURES

1,417
GLASSES DISTRIBUTED

37,034
HEALTH PROMOTION SESSION ATTENDEES ACROSS 2,007 SESSIONS/ACTIVITIES

3.7 NATIONAL CAPITAL DISTRICT

YWAM MS ended 2018 with a planned one-week outreach in NCD in collaboration with NCD Public Health. This outreach proved to be quite noteworthy, as it was the first outreach dedicated solely to this district since 2014. During this time, operations focused primarily in the coastal communities of NCD,

as well as Living Light Clinic in Kaugere. Relationships between YWAM MS and NCD Public Health were fortified, and it is expected that ongoing results from this outreach will continue to be seen in years to come.



MV YWAM PNG HOSTS APLS COURSE IN PORT MORESBY

An experienced team of five instructors from anaesthetic, emergency, intensive care, paediatric, and general practice backgrounds travelled to Port Moresby from Australia to facilitate an Advanced Paediatric Life Support (APLS) course for 12 Papua New Guinean candidates. This is the first time that such a course has been carried out in Port Moresby, with local staff from multiple disciplines coming together to learn and share their experiences.

This proved to be a unique partnership between APLS and YWAM MS, as the MV YWAM PNG served as the floating classroom for the course. Instructors also slept on board the ship, which was in Port Moresby for the week, with local PNG candidates coming on board each day to attend the course activities.

It is anticipated that this will be the first of many APLS courses to be run in PNG over the coming years.

SUMMARY STATISTICS

913

PRIMARY HEALTH CARE PATIENTS

71

REPRODUCTIVE HEALTH
CONSULTATIONS

33

FAMILY PLANNING RECEIVED

537

IMMUNISATIONS ADMINISTERED

353

DENTAL PROCEDURES

1,322

GLASSES DISTRIBUTED

10,281

HEALTH PROMOTION SESSION
ATTENDEES ACROSS 460
SESSIONS/ACTIVITIES

3.8 TOWNSVILLE CAMPUS

The City of Townsville, Sister City to Papua New Guinea's capital Port Moresby, is proud host to the headquarters of YWAM MS. Based out of the City Campus with YWAM Townsville, the main office of YWAM engages a committed and diverse team of self-funded volunteers from many nations working together with a network of advisors and other professionals to operate the Training and Medical Ship in PNG. YWAM Townsville Assoc Inc is a separate legal entity from YWAM Medical Ships Australia & PNG.

Support from the Townsville community for the work of YWAM MS in serving its nearest international neighbour has been strong and consistent. This reached a new level in 2014 to 2018 when the broader community of Townsville got behind the redevelopment of YWAM City Campus, in the heart of the Central Business District (CBD).

Since 2014, the campus has undergone a series of developments to transform the former TAFE institution into a vibrant, versatile centre to support YWAM Townsville's training activities, youth development work, and YWAM MS' operations in PNG.

Alongside YWAM personnel, more than 100 local businesses have contributed to a series of stages of development at the campus during 2014 to 2018.

The renovations have included the construction of dormitory-style accommodation for 278 students, 26 new apartments for volunteer staff, a dining room and café, recording studios, interior and exterior painting, repaving the car park and landscaping of the centre courtyard and grounds.

The developments continue to contribute toward strengthening the link between Townsville and Papua New Guinea.

TRAINING OPPORTUNITIES

YWAM Townsville City Campus is a Registered Training Organisation (RTO Reg. No 30614, CRICOS Provider No. 02205D) with the following courses on scope:

- Certificate III Business Administration (BSB30415)
- Certificate III Hospitality (SIT30616)
- Certificate III Events (SIT30516)
- Certificate III Information, Digital Media and Technology (ICT30115)
- Certificate III in Screen and Media (CUA31015)
- Certificate III in Dental Assisting (HLT35015)
- Certificate III Discipleship (10473NAT)
- Certificate IV Marketing and Communications (BSB42415)
- Certificate IV Primary Healthcare for Developing Nations (10477NAT)



- Certificate IV Leadership and Management (BSB42015)
- Certificate IV Youth Work (CHC40413)
- Certificate IV Christian Missions (10173NAT)
- Diploma Christian Missions Leadership (10174NAT)

Expanding the range of available training courses is an exciting step toward equipping more young people to serve communities in Australia, PNG and beyond.

99.9 LIVE FM

In 2018 YWAM MS enjoyed continued growth as a result of the partnership with 99.9 Live FM. Live FM broadcasts a mixture of music and short, encouraging words aimed to bring life, which reaches 26,000 people in the North Queensland region and growing.

In addition to the compelling content YWAM MS provides for listeners, it is a great avenue to gain more volunteers to serve in PNG.

A significant outcome of this arrangement has been the expansion of a shared media hub, including conference room, further office space, and a video recording studio. This shared space greatly enhances both operations resulting in greater outcomes for the community.

Live FM and the Media Hub has a focus on registered training courses, which is anticipated to soon be offered as part of our training and capacity building services in PNG.

YOUTH ENGAGEMENT

YWAM engages youth in high school seminars, and local and overseas service projects. Each initiative aims to provide a positive safe environment where young people feel valued, motivated, and empowered to be the best they can be while serving the needs of others. YWAM works in partnership with schools, social clubs, youth organisations, and governing bodies.

YOUTH ADVENTURES

In the last nine years, over 680 teenagers have participated in YWAM's Youth Adventures program. Youth Adventures offers incredible short-term opportunities for teams and individuals to come together to be challenged, grow in their cross-cultural understanding, and serve courageously. An initial hands-on training phase prepares teams to be immersed in communities in North Queensland and Papua New Guinea.

In 2018, over 70 youth from six schools participated in Youth Adventures.





04

FINANCIALS



4.1 PLAIN LANGUAGE SUMMARY

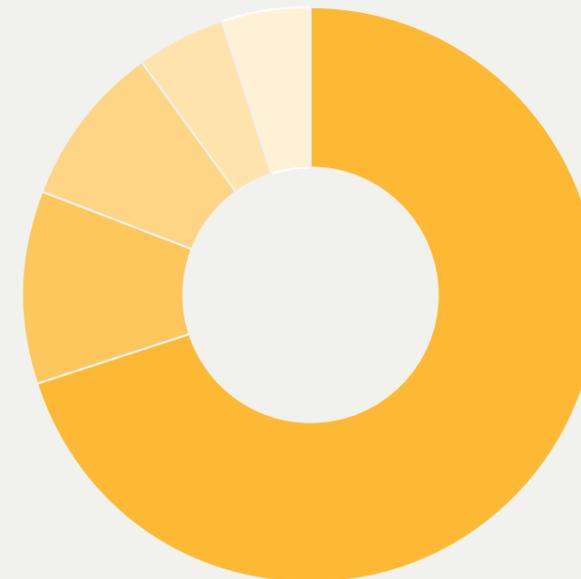
YWAM MS's total income grew from \$7,371,000 in 2017 to \$8,773,000 in 2018. The biggest change was in gifted goods and services, which increased by \$1,150,000 to \$6,152,000. This growth was primarily driven by an increase in donated professional services in PNG by 752 volunteers from 26 different nationalities. PNG contributions also increased with \$808,000 received in gifted goods and services and \$976,000 received in grants, sponsorships and donations. DFAT grants accounted for \$473,000.

The main expenses recorded in 2018, were once again the non-cash program expenses of \$6,399,000 (including depreciation & amortisation). \$2,171,000 additional cash was invested in international programs (that is, program activities in PNG and program support costs) and \$360,000 was invested in accountability and administration. YWAM MS spent \$42,000 in fundraising costs and \$22,000 on community education in Australia.

YWAM MS had a small operating deficit of \$221,000 resulting from the medical supplies closing stock being \$682,000 lower than 2017 due to timing of stock delivery, not due to a decrease in supply sources. In the financials this is considered an expense although it is not a cash item. In 2018, YWAM MS was able to reduce the outstanding amount owing on the MV YWAM PNG by \$400,000.

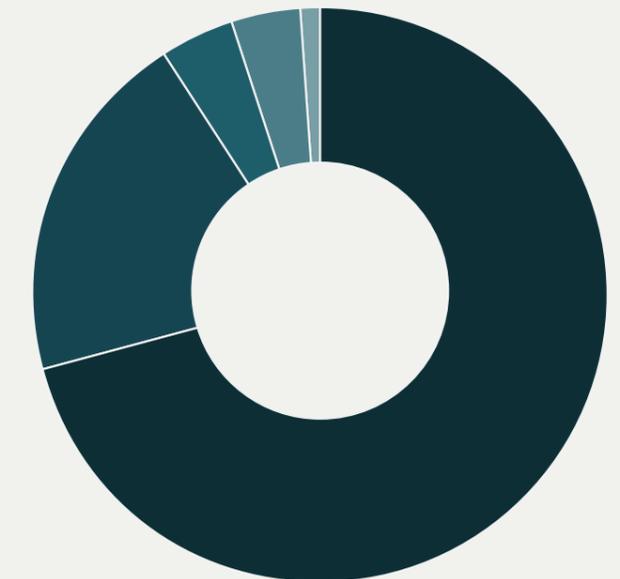
*Figures rounded to the nearest thousand.

Where the money comes from:



- 70% Donations: Gifted Goods & Services
- 11% Grants: Other Overseas
- 9% Other Income
- 5% Grants: DFAT
- 5% Donation: Cash

Where the money goes to:



- 71% Non-Cash Program Expenses
- 20% International Programs - Cash Expenses
- 4% Accountability & Administration
- 4% Program Support Cost
- 1% Fundraising and Community Education





05 MOVING FORWARD





5.1

MOVING FORWARD

An external review, initiated by YWAM MS in conjunction with DFAT, was conducted in March 2018. This review proved to be quite beneficial for YWAM MS as an organisation, highlighting some areas of significant strength, and specific areas we want to focus on for strategic growth. YWAM MS used this review as a catalyst to verbalise and strategise ongoing goals and vision for 2019 and beyond.

Relationship within PNG, both at the upper levels of government and at the grassroots level with local health workers, continues to be quite a strength of YWAM MS. Moving forward, the organisation looks to see how these relationships can continue to be strengthened, with focus on fortifying those at the district level. YWAM MS is keen to put forth concerted effort into a few key districts, while also maintaining relationship with the entire Southern Region and Morobe Province.

The Community Action and Participation (CAP) model will also become an increasingly integral part of YWAM MS operations moving forward. This model empowers village leaders to identify areas for growth within their village, and then work within their community to create steps toward sustainable solutions.

As training continues to be the heartbeat behind all YWAM MS operations, the organisation is looking ahead to create specific training pathways to provide clear direction for those interested in growing in specific areas of leadership. These pathways will hopefully not only strengthen YWAM MS, but also the nation of PNG.

5.2

2019 DEPLOYMENT

2019 Outreach Calendar*			Outreach Programs								
Outreach #	Location	Dates	PHC	DEN	OPT	OPH	LAB	MED	MAR	HOS	CE
1	Central Province Arrive: Port Moresby, NCD Depart: Port Moresby, NCD	Friday 18 January - Sunday 27 January	•	•	•	•	•	•	•	•	•
2	Western Province Arrive: Port Moresby, NCD Depart: Port Moresby, NCD	Friday 1 February - Sunday 17 February	•	•	•	•	•	•	•	•	•
3	Gulf & Western Provinces Arrive: Port Moresby, NCD Depart: Port Moresby, NCD	Friday 22 February - Sunday 10 March	•	•	•	•	•	•	•	•	•
4	Central Province Arrive: Port Moresby, NCD Depart: Alotau, Milne Bay	Friday 22 March - Sunday 7 April	•	•	•	•	•	•	•	•	•
5	Oro Province Arrive: Alotau, Milne Bay Depart: Lae, Morobe	Friday 12 April - Sunday 28 April	•	•	•	•	•	•	•	•	•
6	Morobe Province Arrive: Lae, Morobe Depart: Lae, Morobe	Friday 3 May - Sunday 19 May	•	•	•	•	•	•	•	•	•
7	Milne Bay Province Arrive: Alotau, Milne Bay Depart: Alotau, Milne Bay	Sunday 26 May - Monday 3 June	•	•	•	•	•	•	•	•	•
Restock & Maintenance	Townsville	June - July							•	•	
8	Gulf & Western Provinces Arrive: Port Moresby, NCD Depart: Port Moresby, NCD	Friday 9 August - Sunday 25 August	•	•	•	•	•	•	•	•	•
9	Gulf & Western Provinces Arrive: Port Moresby, NCD Depart: Port Moresby, NCD	Friday 30 August - Sunday 15 September	•	•	•	•	•	•	•	•	•
10	Central Province Arrive: Port Moresby, NCD Depart: Alotau, Milne Bay	Friday 20 September - Sunday 6 October	•	•	•	•	•	•	•	•	•
11	Milne Bay Province Arrive: Alotau, Milne Bay Depart: Alotau, Milne Bay	Friday 18 October - Sunday 3 November	•	•	•	•	•	•	•	•	•
12	Oro & Morobe Provinces Arrive: Pongodetta, Oro Depart: Lae, Morobe	Friday 8 November - Sunday 24 November	•	•	•	•	•	•	•	•	•
13	Morobe Province Arrive: Lae, Morobe Depart: Lae, Morobe	Friday 29 November - Sunday 15 December	•	•	•	•	•	•	•	•	•

OUTREACH LEGEND *Subject to change

- PHC** Primary Health Care Clinic
- DEN** Dental Clinic
- OPT** Optometry Clinic
- OPH** Ophthalmology Clinic
- LAB** Laboratory
- MED** Journalists, Videographer & Photographer
- MAR** Deck and Engine Operations
- HOS** Housekeeping & Galley
- CE** Community Engagement





06

APPENDIX



6.1 LETTERS OF ENDORSEMENT



INDEPENDENT STATE OF PAPUA NEW GUINEA

MINISTER FOR TREASURY

Dear Ken,

2 November 2017

As the Deputy Prime Minister, Minister for Treasury and on behalf of the National Government, I am writing to express my deep gratitude and strong support to YWAM Medical Ships and its important work in the nation of Papua New Guinea (PNG).

I have witnessed this program under operation in the field and have been impressed with the way YWAM Medical Ships has worked alongside national, provincial and local level governments to overcome isolation in rural areas, support our health workers and together bring much needed health and capacity building services right to the doorstep of our village people.

I am proud that our government has taken the opportunity to partner with organisations such as YWAM, to find innovative solutions to some of the challenges we face. The natural features of our country, alone, make it very challenging to deliver the level of health and education services to which the National Government is committed to moving toward. YWAM Medical Ships is a strong partner as we make this journey forward, as underscored by our K5.5million PGK contribution to the capital purchase of the new ship, *MV YWAM PNG*.

Leveraging support across volunteer services, community donations, corporate sponsorship and governmental contributions, this valued-added approach sees a conservative return on investment of three to one.

What a strategic and encouraging program this is and I have been delighted to witness its continued progress step by step, year by year. Nothing crystallises the magnitude of this more than hearing the story of a mother who sees her children for the first time after receiving cataract surgery aboard the ship.

Stories like this, among many others, remind us of the things that are most important, in particular the critical situation of our people in rural areas matched against the hope that great gains are possible.

In conclusion, I would like to salute the strong leadership displayed by the patrons and senior management of YWAM Medical Ships including the Right Honourable Sir Rabbie Namaliu, Honourable Mike Reynolds, and Mr Ken Mulligan. The perseverance you have shown to see this vision become such a successful reality is to be commended.

On behalf of the National Government, let me again extend our heartfelt thanks to you. We look forward to a strong future of partnering together in service of the people of Papua New Guinea.

Kind regards,

HON. CHARLES ABEL, MP
Deputy Prime Minister and Minister for Treasury



MINISTRY OF HEALTH & HIV/AIDS
OFFICE OF THE MINISTER FOR HEALTH & HIV/AIDS
PO Box 807
WAIGANI
National Capital District
Papua New Guinea
Tel: +675 301 3608 Fax: 301 3604

OFFICE OF THE MINISTER: HON. SIR DR. PUKA I. TEMU-KBE, CMG, MP

25 October 2018

Mr Ken Mulligan OAM, OBE
Managing Director
YWAM Medical Ships
PO Box 1959
Townsville QLD 4810

Dear Mr Mulligan,

As Minister for Health and HIV/AIDS, it is indeed an honour to write to you today to express my strong support for YWAM Medical Ships and its substantial investment in the nation of Papua New Guinea (PNG) over many years.

Having now facilitated delivery of over one million healthcare and training services in some of the most remote locations in PNG, I am continually impressed with the way YWAM Medical Ships works alongside national, provincial and district administrations to support development of essential service capacity.

As you are aware, the natural features of our country and current human resource constraints make it challenging to deliver the rural health and education services to which the National Government is committed. In my Ministerial capacity, I am personally committed to seeing the goals of our National Health Plan: 2011 – 2020 realised. In order to achieve this, strategic and effectively implemented partnerships are vital.

Our relationship with YWAM Medical Ships is one such strategic partnership. Your efforts compliment and integrate with achievements National Department of Health is leading in the sector. I am proud that our government continues to make effective use of such partnership opportunities to create innovative solutions to some of the challenges we face. The experience to date with YWAM is instructive and can certainly be developed further into the future.

In conclusion, I would like to commend the outstanding commitment of professionals from Papua New Guinea and many other nations who donate their services to serve through the YWAM program. Their perseverance and investment to see this vision become such a successful reality is extraordinary and inspirational.

I look forward to a strong future of working together in service of the people of Papua New Guinea and, in particular, the strengthening of our rural health system capacity.

Kind regards,

Hon Sir Dr Puka Temu, KBE CMG MP
Minister for Health and HIV/AIDS



**MINISTRY FOR HIGHER EDUCATION,
RESEARCH, SCIENCE & TECHNOLOGY**



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P.O. Box 5117
BOROKO
National Capital District
Papua New Guinea

1st March 2017

YWAM Medical Ships

Dear Mr. Mulligan,

It gives me great pleasure to write today to express my endorsement of the activities of YWAM Medical Ships in Papua New Guinea (PNG).

I have been following the development of the Training and Medical Ship program over the past number of years and have been particularly impressed by the depth of YWAM's collaborative partnerships across many spheres of PNG's community including the health, education, government, church and business sectors.

As a National Government, it has been our strategic determination to invest in this program as part of broader intent to prioritise strengthened services in rural development.

Alongside the excellent work being achieved in the health sector, I am now pleased to see further development of our youth as active agents in development.

In line with the National Higher and Technical Education Plan (2015 – 2024), my Department is active in building partnerships with organisations demonstrating the willingness and capacity to support implementation of our vision.

In light of the above, I look forward to continuing discussion with you and the broader YWAM team, Ken, as we work together to see the youth of PNG mobilise to build toward our national aspirations and Vision 2050.

Kind regards,

Hon. Francis Marus, EMBA, MP
Minister

**MINISTER FOR HIGHER EDUCATION,
RESEARCH, SCIENCE & TECHNOLOGY**
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Level 2, Mutual Rumana, WAIGANI, NCD



MINISTRY FOR INTER-GOVERNMENT RELATIONS
OFFICE OF THE MINISTER

15th November 2017

Dear Ken,

In my role as Minister for Inter-Government Relations, it is my pleasure to write to you and express my strong endorsement of the YWAM Medical Ships program in Papua New Guinea.

I join my colleagues in the National Government who have provided consistent support to these collaborative initiatives over several years now, alongside a number of your key partners across Provincial and District Administrations. What has been achieved to-date is remarkable. I am confident that even more can be achieved into the future as the supportive platform provided by YWAM teams on ship and ashore is maximized and further developed for our nation.

It is in this context that I am greatly encouraged to see the YWAM program aligning to support our key Papua New Guinean priorities. This includes our Medium Term Development Plans and StaRS emphasis and our important decentralization agenda, also alongside the vital National Health Plan and Youth Policy.

Further to this, I wish to strongly commend YWAM activities to Provincial Governments and District Development Authorities across our nation. I see this partnership as an important opportunity that can be grasped, specifically at the sub-national level, to help propel implementation of local aspirations for rural communities.

Please also provide schedule for the location of the ship as I am preparing our calendar for 2018 and wish to invite all Governors through the Provincial Governors Conference to have a tour on the ship and also share experience of serving people in remote rural areas.

Let me again extend my gratitude to you, Ken. We can all be proud of our collective achievements to-date but not complacent. I join colleagues across Papua New Guinea in looking forward to further opportunities to build on these achievements together.

Yours sincerely,

HON. KEVIN ISIFU, MP
Minister



6.2

BOARD OF DIRECTORS & PROJECT MANAGEMENT TEAM

BOARD OF DIRECTORS

Mrs Rebekah Hoover - **Chairperson**
 Mr Ken Mulligan OBE, OAM - **Managing Director**
 Mr Jared Hoover - **Director**
 Captain Jeremy Schierer - **Director**
 Mrs Anna Scott - **Director**

PROJECT MANAGEMENT TEAM

Mr Ken Mulligan OBE, OAM Mrs Anna Scott
 Mrs Robyn Mulligan Mr Matthew Scott
 Mrs Rebekah Hoover Ms Hannah Peart
 Mr Jared Hoover Mrs Jennifer Rentsch
 Dr Sarah Dunn Mr Philip Rentsch
 Captain Jeremy Schierer

6.3 ADVISORS

**RIGHT HONOURABLE
SIR RABBIE NAMALIU
GLC, CSM, KCMG**
Former Prime Minister
of Papua New Guinea

**HONOURABLE
MIKE REYNOLDS AM**
Former Speaker of the
Legislative Assembly of
Queensland

IVAN BAXTER
Lawyer

DANNIELLE BROUGHAM
Oral Therapist

GEOFF DUTTON
Executive Leadership
of Power and Mining
Projects

**REVEREND BRUCE
CORNISH**
Uniting Church
Reverend

BRUCE COUTTS
Accountant

DR JAMBI GARAP
Ophthalmologist

PETER DAWSON
Maritime Lawyer

CLIVE DODD
Project Manager at
Henry Schein Halas

PETER HONEYCOMBE
Corporate Affairs

LYNETTE GRUBWINKLER
Ophthalmic Nurse

DR DARYL HOLMES
Dentist

APRIL HARPER
Research Scientist

GARY ESDAILE
Naval Architect

DR KEITH MASLIN
Ophthalmologist

DR DOUG RANDELL
Doctor

JEFFREY WALL OBE, CBE
Political consultant

SONDRA HALEY
Public Relations

DR BILL TALBOT
Ophthalmologist

STRAHAN WALLIS
Public Relations

RAY TOMAN
Naval Architect

PETER TAPIOLAS
Corporate Affairs

CARL VALENTINE
Accountant

6.4 LIST OF ABBREVIATIONS

ACFID Australian Council For International
Development

APLS Advanced Paediatric Life Support

AMS Area Medical Store

CAP Community Action and Participation

CHW Community Health Worker

DFAT Department of Foreign Affairs and Trade

DMPA Depo Medroxy-Progesterone Acetate

ERT Emergency Response Team

EPIRB Emergency Position Indicating Radio
Beacons

GCS Gulf Christian Services

GIC Glass Ionomer Cement

HIV/AIDS Human Immunodeficiency Virus/Acquired
Immunodeficiency Syndrome

LLG Local-Level Government

MBPHA Milne Bay Provincial Health Authority

MFDHS Middle Fly District Health Service

NCD National Capital District

NDoH National Department of Health

OPV Oral Polio Vaccine

PNG Papua New Guinea

STaRS National Strategy for Responsible
Sustainable Development for Papua New
Guinea

TB Tuberculosis

UPNG University of Papua New Guinea

VSAT Very Small Aperture Terminal satellite
communications system

YWAM Youth With A Mission

YWAM MS Youth With A Mission Medical Ships
Australia and Papua New Guinea





ywam
medicalships
Australia-Papua New Guinea

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Last updated: 17th June 2019

