



Annual Report 2016

Susu Mamas PNG Inc.





Abbreviations & Contents

ANC	Antenatal Care	NDoH	National Department of Health
ANGUA	Provincial Hospital Lae Morobe Province	NHSS	National Health Service Standards 2011-2020
CHW's	Community Health Workers	NHIS	National Health Information System
CU5	Children under 5 years of age	PICT	Provider Initiated Counselling and Testing (HIV)
GBH	Goroka Base Hospital	PHA's	Provincial Health Authorities
HCW's	Health Care Workers (Nurses, CHW's, Health Extension Officers, Drs)	PMGH	Port Moresby General Hospital
HCT	HIV Counselling and Testing	PPTCT	Prevention of Parent to Child Transmission of HIV
IMAI	Integrated Management of Adult Illness (includes HIV treatment)	RDT	Rapid Diagnostic Test for Malaria
IMCI	Integrated Management of Childhood Illness	RPHDP	Rural Primary Health Service Delivery program
IYCF	Infant and Young Child Feeding	SAM	Severe-Acute Malnutrition
LARC	Long acting reversible contraception	SIREP	Supplementary Immunisations Programs
LLIN	Long lasting Insect Net	TPHA	Treponema Pallidum Haem agglutination assay (Syphilis test)
MHGH	Mt Hagen General Hospital	WHHS	Western Highlands Health Service
MSPNG	Marie Stopes PNG		

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Sponsorships

STEAMSHIPS TRADING COMPANY (STC).

Donation of K100,000.

Equipment for Men's Clinic in Mt Hagen.

Office accommodation Goroka.

Access to power back up in Lae, Goroka for vaccine fridges.

Sponsoring Health Facility Managers to complete Diploma of Health Service Management DWU.

PUMA ENERGY

Fuel for SSM Vehicles in Lae, Port Moresby, Goroka.

CONSORT EXPRESS LINES LIMITED LAE

Donated containers for office accommodation Lae.

BRIAN BELL PTY LTD

Prefabricated container for clinic.

DIGICEL PNG

Sponsor Susu Mamas Toll free health information line 7200 6262.

K.K.KINGSTON

Donation of Mother's Day gifts bags for new mothers at Port Moresby General Hospital.

Hygiene products for women and infants.

DELOITTE.

Deloitte's Impact Day volunteers painted our Port Moresby Health facility waiting area.

Summary of Outputs for 2016

KRA 1

Improve Service Delivery

Occasions of service (86,083) at Susu Mamas PNG Health facility **increased by 23% this year.**

Occasions of Service (118,515) for all SSM services (Joint clinics, mobile outreach, Health Facilities) **increased of 12% this year.**

Occasions of service at SSM health facilities; **51% children, 42% Women, 7% Men.**

KRA 2

Strengthening Partnerships and Coordination

Memorandum of Agreement with the NDoH.

Memorandum of Agreement with the WHPHA.

CARE International Food security, WHHS and SSM WHP join project in Tambul District.

NSW Family Planning, Kabwum District Lae and Provincial Community Development. Kamap Man Tru Program.

KRA 3

Strengthening Health Systems and Governance

Expenditure increased by 6% and occasions of service at all our services increased by 12%.

KRA 4

Improve Child Survival

51% of occasions of service at SSM Health Facilities **are for children.**

The number of Measles/Rubella immunisations **increased by 25%**

The number of CU5 treated for pneumonia **increased by 17%.**

The number of children diagnosed and treated for SAM **increased by 62%.**

KRA 5

Improve Maternal Health

42% of occasions of service at SSM Health Facilities **are for women.**

Injectable contraception **increased by 33%** and Hormone Implants by 101%.

ANC 1st visits increased by 7%.

KRA 6

Reduce Burden of Communicable Diseases

119% increase in the number of RDT's which resulted in a significant increase in the number of people diagnosed and treated for Malaria.

Treatment for STI's increase by 32% for men.

KRA 1Improve
Service Delivery

Objectives

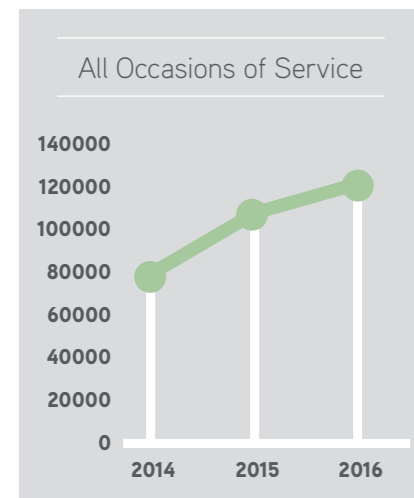
Increase access to quality health services in rural areas and the urban disadvantaged.

PROVINCE	SERVICE TYPE	DISTRICT	SSM DATA
EHP. Goroka	SSM Health Facility, Seigu	Goroka	Occasions of service: 14489
	Joint clinic with North Goroka Health Centre	Goroka	Occasions of service: IMCI, Child Health
	Rural Outreach Tarabo	Okapa	Mobile Clinics 12
	Rural Outreach Megabo	Bena	Mobile Clinic 1: Road inaccessible.
	Rural Outreach Koningi	Daulo	Mobile Clinics 10
	GBGH Hospital	Goroka	Referrals for breastfeeding and SAM follow up.
Morobe. Lae	SSM Health Facility Showground	Lae	Occasions of service: 15185
	Rural Outreach. Gain & Musom	Nawaeb (2 sites)	Mobile Clinics 13
	Rural Outreach. Tararan & Gabensis	Huon (2 sites)	Mobile Clinics 17
	Rural Outreach Bagabuan & Zumangurum	Markham (2 sites)	Mobile Clinics 8
	Kabwum	Kabwum District.	Kamap Man Tru Program.
	ANGAU Hospital	Lae	Daily service. Breastfeeding and SAM follow up
NCD & Central. Port Moresby	SSM Health Facility PMGH grounds	NCD	Occasions of service: 6944
	Joint Clinic with 6 mile Health Centre	NCD	Occasions of service: Child Health
	Settlement Outreach. Pump Station. Vabukori	NCD (2 sites)	Mobile Clinics 18
	Rural Outreach Sabusa	Central (1 sites)	Mobile Clinics 6
	PMGH Hospital service	NCD	Daily service. Breastfeeding and SAM follow up
WHP. Mt Hagen	SSM Health facility Hagen	Hagen Central	Occasions of service: 33058
	SSM Health facility Kagamuga	Hagen Central	Occasions of service: 16407
	Joint ANC/PPTCT with Tinsley Hospital	Mul Bayier	Joint clinics 5
	Rural Outreach	Hagen Central (15 sites) Die Council (3 sites) Tambul Nebilyer (4 sites)	Total clinics 208 Total clinics 16 Total Clinics 44
	MHGH Hospital	Hagen Central	Daily service: Breastfeeding and SAM follow up
Jiwaka Province	Kudjip Health Centre Joint ANC/PPTCT	Anglimp-South Waghi	Joint clinics weekly
	Rural Outreach	Anglimp-South Waghi (3)	Mobile Clinics 19
	Kudjip Hospital	Anglimp-South Waghi	Breastfeeding support

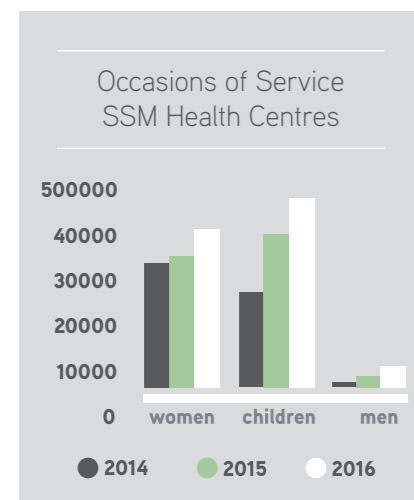
Increased Access to Health Care

NO. 1

Occasions of Service



Susu Mamas have continued to increase people's access to primary health care at our health facilities, Joint Clinics and mobile outreach clinics by 12% this year - total 118,515.



The largest increase in Occasions of Service was at our Health facilities - 23%. Total 86,083. Children 51%, Women 42% and Men 7%.

NO. 2

Model of Integrated Primary Health Care

Susu Mamas PNG Health facilities provide integrated primary health care services five days a week.

This "one-stop approach" increases the health service user's access to priority services, and supports a formal system of referral for higher level health care.

This increases the uptake of health care interventions and also reduces the missed opportunities for essential health care interventions (e.g. childhood immunisations, family planning, ANC/PPTCT)¹.

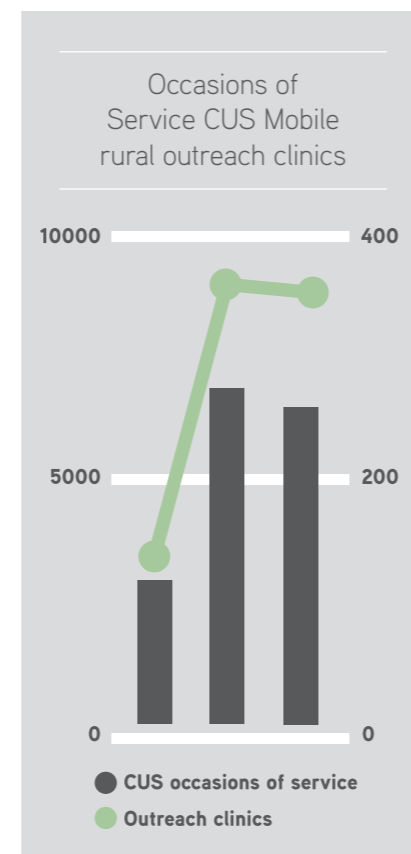
This reduces the burden on higher level public facilities, and increases the satisfaction of health service users. SSM implements this model across all our sites, including our urban facilities and our rural outreach services.



NO. 3

Mobile Rural Outreach Services

Our mobile rural health outreach services support existing Aid (AP)/Community Health Posts (CHP) which many or may not be open. AP/CHP staff are invited where possible to join SSM mobile rural health outreach teams to provide a more efficient and effective model of outreach that links the communities and the health system. This year we provided 354 rural outreach clinics and 18 settlement clinics with a slight decrease in CU5 utilising this service. Mobile rural outreach clinics increase the coverage of childhood immunisations.



¹Hatt, Laurel, Ben Johns, Catherine Connor, Megan Meline, Matt Kukla, and Kaelan Moat, June 2015. Impact of Health Systems Strengthening on Health. Bethesda, MD: Health Finance & Governance Project, Abt Associates.

KRA 2

Strengthening Partnerships and Coordination

Objectives

Develop partnerships with other health services and NDoH.

Working with the NDoH and other stakeholders.

Susu Mamas PNG has worked with other NGO's, and the NDoH during the year. These have included:

CARE International Food security, WHHS and SSM WHP join project in Tambul District.

Family Planning NSW project 'Kamap Man Tru' being conducted in Kabwum Morobe. This project is funded by the Australian NGO Cooperation Program ANCP.

World Breastfeeding week 1st – 8th August.

SSM participated in the SIREP with Morobe Provincial Health.

NDoH, UNICEF review of Infant and Young Child Training Materials.

NDoH workshop. Serve Acute Malnourishment (SAM) Review of National treatment Protocols.

Morobe Provincial Health Review and Partnership workshop.

World Vison Lae. Workshop with Stakeholders.

2nd GoPNG and Health Development Partners Summit POM.

SSM provided training on 'Safe Motherhood' for Goroka Village volunteers working with Save the Children.

Susu Mamas PNG now a member of the NGO Development Council PNG.



KRA 3
 Strengthening Health Systems and Governance

Objectives

OBJECTIVE NO. 1

Quality workforce, capable of meeting health needs into the future.

Human Resources

Total number of employees 31st December 2016: 110 full-time and 2 part-time employees (111 FTE).

This is a 7% reduction in workforce due to a decrease in NDoH funding.

Workforce

Business, Finance, administration: 5 employees

Health Service Delivery (Health Care Workers, support staff): 107 employees.

Health Care Workers make up 59% of total workforce and include:

Nurses: 28 (57% are Midwives)

Community Health Workers: 38

79% of HCW's are Female.

Professional Development

Susu Mamas recognises that the quality, responsiveness, and professionalism of its workforce are linked to the further development of their skills and competencies.

Professional development programs include the following:

Post Graduate Students

Three (3) nurses sponsored by Susu Mamas to complete their Midwifery training.

NDoH training courses/Workshops

Infant and Young Child Feeding Workshop.

Family Planning Marie Stopes (MSPNG) facilitated

workshop on Family Planning Values, Clarification and Attitudes transformation Workshops.

Gender Based Violence Training facilitated by FHI360.

Emergency Obstetric Training facilitated by Reproductive Health Training Unit (RHTU).

Integrated Management of Childhood Illness (IMCI) training.

Village Health Volunteer Training for Trainers (VHV ToT's).

Family Planning – Longer acting reversible contraception.

In-service Training

Access to training resources has increased with improved access to online courses and regular in- service training programs scheduled at health facilities.

Essential in-service training has focused on IMCI, Malnutrition, STI, ANC and Family Planning.

Mentoring New Graduates

All new graduates employed by Susu Mamas are mentored by experienced Clinicians (Clinical Facilitators) in their first year of work.

This is important so they gain confidence and continue to develop their clinical skills and improve their knowledge.

Research

Susu Mamas have supported a research study undertaken by the PNG IMR and partners on behalf of the PNG National Department of Health - Kauntim mi tu is a health and well-being study.

OBJECTIVE NO. 2

Susu Mamas utilises ICT solutions and delivers timely and accurate information for planning and decision making.

IC Systems Management and Support

Susu Mamas IC systems are managed by Kuakawa Solutions.

They have provided ongoing training and support for Susu Mamas ICT Coordinator, resulting in an increased capacity to support our own IT maintenance.

Human Resources Biometrics

Time minder devices have been installed in the Mt Hagen Head office and Hagen, Lae, Goroka Health Facilities which link to online payroll and Human Resource Management systems.

Susu Mamas PNG Toll Free Line 7200 6262

The number of calls to our Toll Free Health Information Line remained stable.

Total of 1139 calls received this year from April to December 2016. Note: 1st quarter data not recorded.

27% of calls enquiring about our health centres location and open times.

7% of calls for Appointments at our health centres.

KRA 4
 Improve
 Child Survival

Objectives

Integrated Maternal and Child Health services do increase the uptake of health care interventions and reduce the missed opportunities for essential health care interventions (e.g. childhood immunisations, family planning).²

This year access to immunisations for children under 5 years of age and family planning have both increased. Refer also to KRA 5.

Susu Mamas has continued to improve the IMCI case management to improve the health outcomes for children. This has resulted in an increase in the number of CU5 years attending a health facility for IMCI. This year 30%-40% of CU5 attend for IMCI.

OBJECTIVE NO. 1

Increase coverage of childhood immunisations.

Total occasions of service for Children < 5 years of age (CU5) has increased (19%), which results in an increase in the coverage of childhood immunisations.

The number of Measles/Rubella immunisations for children less than 12 months of age increased by 25%.

Susu Mamas also supports other health centres to provide immunisations and Provincial Health Supplementary Immunisations Programs (SIREP).

OBJECTIVE NO. 2

Reduce case fatalities due to pneumonia.

Pneumonia remains one of the leading causes of child mortality and morbidity in PNG.

Diagnosis of Pneumonia in Children under 5years (CU5): Number of CU5 treated for Pneumonia increased by 17% in 2016.

Diagnosis of Diarrheal disease in Children under 5years (CU5): Number of CU5 treated for diarrheal disease increased by 3% in 2016.

Note that there was a very significant increase in the number of CU5 treated for diarrheal disease in 2015 due to the drought.

OBJECTIVE NO. 3

Decrease Neonatal Deaths.

The percentage of pregnant women receiving Tetanus Toxoid vaccine remained stable at over 75% for all health facilities.

Susu Mamas also noted an increase in the number of cases of neonatal sepsis referred to the Provincial Hospital for medical treatment.

OBJECTIVE NO. 4

Reduce malnutrition in children less than five (5) years of age.

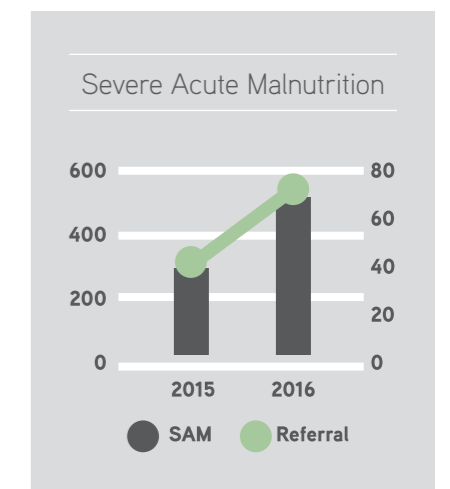
Susu Mamas are strong advocates of breastfeeding and promoting nutrition for children less than 2 years of age. We have improved our capacity to diagnose and treat malnutrition in children less than 5 years of age.

Strategies include training our health teams and working with hospitals to implement 'shared care' for these families. This prevents children being hospitalised for long periods of time which impacts on their development.

This year while we have seen an increase in the number of children diagnosed and treated for malnourishment, there has been a slight decrease in the percentage of children requiring Hospital treatment.

Severe Acute Malnutrition. There was a 62% increase in the number of CU5 diagnosed (529) with SAM this year.

The majority of these children are treated and receive follow up care at the health facility, while 13% required referral to the Provincial Hospital.



KRA 5

Improve
Maternal Health

Objectives

Susu Mamas have maintained their strong focus on providing quality maternal and child health services. This is particularly noted in the increase in women attending our health facilities for access to family planning and antenatal care.

OBJECTIVE NO. 1

Increase coverage of family planning.

All SSM health facilities including outreach services have the capacity to provide family planning services. This year on average per month, 65% of non-pregnant women attending our health facilities do so for Family Planning.

The demand for Injectable contraception and long acting contraception increased in all centres.

33% increase in injectable contraception.

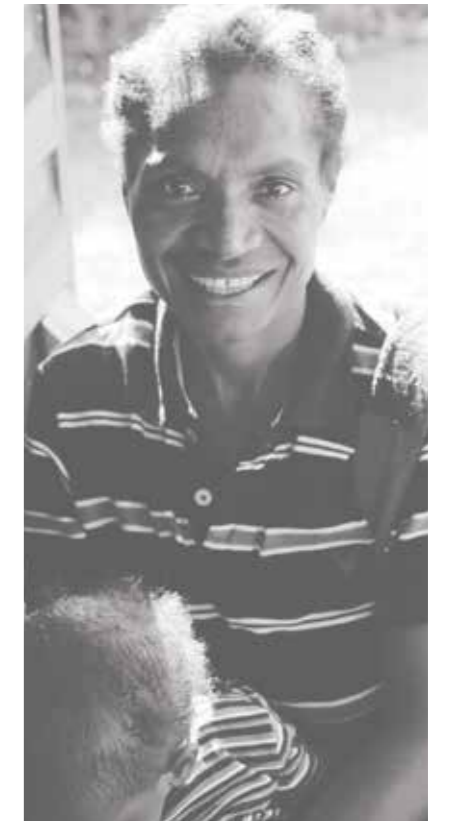
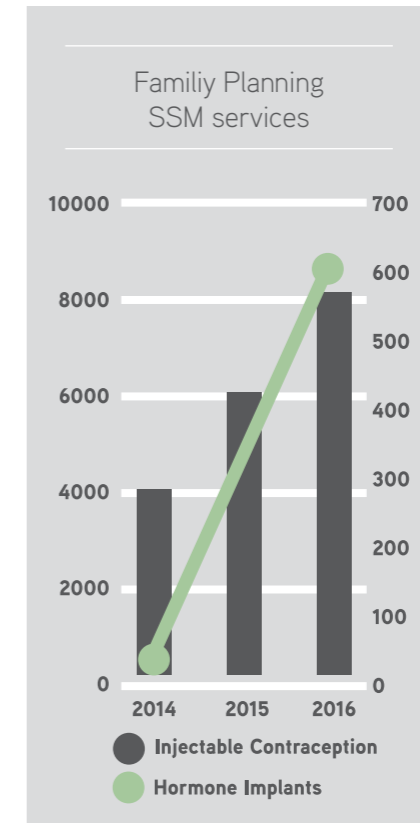
101% increase in the number of Hormone Implants (LARC). Available at Mt Hagen and Goroka Health facilities only.

Marie Stopes PNG have provided training and clinical supervision for Hormone Implants at our Mt Hagen and Goroka health facilities.

OBJECTIVE NO. 2

Ensure every health facility is capable of providing quality service/ support before, during and after pregnancy.

Susu Mamas health facilities and outreach clinics provide antenatal care and postnatal care for women and infants. We are unable to meet the demand for antenatal care, particularly in Lae, due to insufficient consultation rooms at our health centre. Therefore the number of women attending at least one ANC visit has only increased slightly (7%).



KRA 6

Reduce the burden of communicable diseases

Objectives

OBJECTIVE NO. 1

Reduce malaria related morbidity and mortality.

All Susu Mamas health facilities and outreach services provide diagnosis and treatment for malaria.

There was a 119% increase in the number of Malaria rapid diagnostic test kits RDT's used which resulted in a significant increase in the number of people diagnosed and treated for Malaria. This increase is due to improvements in health care workers use of RDT's to diagnose malaria and report the data.

Nil or limited stock of LLIN reported in all health facilities.

OBJECTIVE NO. 2

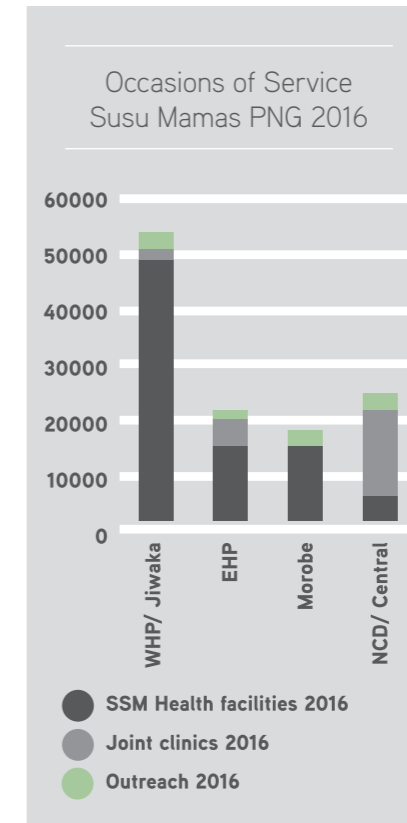
Scale up prevention, treatment, care and support for sexually transmitted infections and HIV.

Treatment for STI's is available at all SSM health facilities. While the number of women treated remained static (4159), there was a 32% increase in the number of men (1333) attending for STI treatment. We anticipate with a new Men's Health clinic in Hagen that we will see a larger increase in men attending for STI treatment.

Mt Hagen, Kagamuga and Lae PPTCT (ART)

Mt Hagen, Kagamuga and Lae Health facilities provide ARV treatment (PPTCT) for Women and Men Due to nil stock of HIV and TPHA test kits we were unable to provide HCT testing in the 3rd and 4th quarters 2016.

This also resulted in all other clients having less access to HIV Counselling and Testing (non ANC).

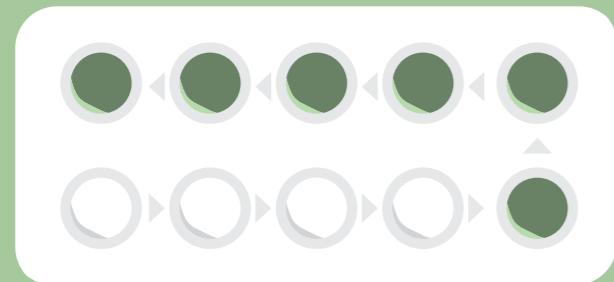


Primary Health Care Services

2015 - 2016

↑23%

Increase in Primary Health Care 2015 to 2016



↑62%

Increase of Couple Years of Protection 2015 to 2016

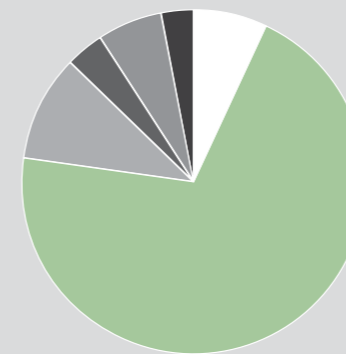


↑62%

Increase in the number of children under 5 years of ages treted for severe acute malnurtition (SAM) 2015 to 2016

Appendix A Financial Table

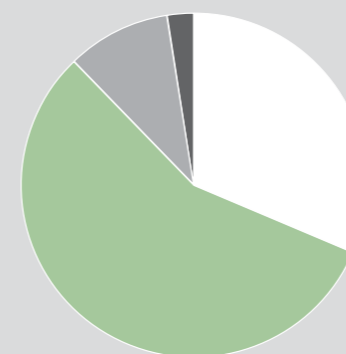
SuSu Mamas Expenditure 2016



Salaries	70%	3,636,909
Operational	07%	367,309
Rent, Utilities	10%	531,149
Motor Vehicles	3.5%	183,216
ICT Systems, Support, Equipment, Software	06%	299,429
Travel costs and Professional Development	03%	159,792



SuSu Mamas Income 2016



NDoH Grant	31.5%	1,741,000
DFAT Grant	56.5%	3,125,608
Sponsors & Donations	9.5%	533,061
GST refunds, Interest	2.5%	136,057



Letter from the Susu Mamas PNG Board of Directors

In 2016 the demand for Susu Mamas PNG services continued to grow across our five provinces of operation, despite the pressures of the overall tightening of the PNG fiscal environment. This resulted in efficiency being a key focus for our management team in 2016. They ensured that the resources Susu Mamas PNG have were being used as wisely and effectively as possible, without compromising on our commitment to the provision of quality people-centred health services.

Our 2016 results demonstrate that the demand for our free primary health care services continues to grow. There was a 12% increase the use of our services from 2015. A total of 118,515 people accesses health care and prevention services across the full range of our service delivery points including our health facilities, mobile outreach and joint clinics. We were able to meet this increased demand with only a 6% increase in expenditure.

Women and children remain the largest users of our services, but we have seen an increase in the use of services by men in 2016. 2017 will see us focusing on reaching out and encouraging greater use of our services by men and young people in our efforts to continue to improve maternal and child health and sexual and reproductive health. Without the inclusion of men, we will not be able to effectively improve the health of women and children.

"If breastfeeding did not already exist, someone who invented it today would deserve a dual Nobel Prize in medicine and economics." - World Bank Vice President of Human Development, Keith Hansen

Susu Mamas PNG health care workers in 2016 worked with families to continue to emphasise the importance of breastfeeding and childhood nutrition in the first 1,000 days of life. Greater attention was critical, as our staff saw an increase in the number of children needing to be treated for severe acute malnutrition in 2016. The 62% increase in the number of cases, whilst alarming, meant that the investment in training our staff has resulted in ensuring screening of all children for malnutrition across all levels of our services. The Susu Mamas PNG health teams have been working in partnership with the Provincial and District Hospitals to improve the nutritional status of children, including the provision of outpatient treatment and follow up care for malnourished children and their families.

Our outreach activities as a result have taken a greater focus on improving nutrition, clean water and sanitation awareness through health promotion and prevention activities. Susu Mamas staff joined forces with Tambul District health services and CARE International in June 2016 to undertake foot patrols for a period of two months focusing on prevention of diarrheal diseases with hygiene promotion training and screening for malnutrition and outbreak preparedness. \Nutrition and Breastfeeding will remain a strong focus for 2017 as we look to other sectors and the private sector to join us.

Susu Mamas PNG is grateful for our ongoing support from our sponsors, including Steamships Trading Company through a donation of K100, 000 and in kind support such as our office accommodation in Goroka, shipping containers, access to back up power in Lae and Goroka to protect our life-saving vaccine stocks and sponsorship for our health facility managers to attain their Diploma of Health Service Management from Divine University. PUMA Energy continues to keep our outreach services going through their critical support for fuel for our vehicles in Lae, Port Moresby and Goroka. Consort Express Lines Ltd provided containers for our new office accommodation in Lae, and Brian Bell Pty Ltd's generous sponsorship for prefabricated container clinics for our Men's Health initiative in Mt Hagen. Digicel PNG's continued commitment to the health of women, men and children in PNG is greatly appreciated, and they continue to support Susu Mamas Toll free health information line. K.K.Kingston and Pure Water's support for our annual mother's day gift bags for new mothers at Port Moresby General Hospital and feminine hygiene products. Lastly we are very grateful for the support of Deloitte PNG through their impact day activities, painting our SSM health facility waiting area in Port Moresby.

The Board of Directors is committed to the continued development of Susu Mamas PNG in the provision of quality equitable health services in communities and in partnership with the Government of PNG.

Tiffany Twivey, Anna Maalsen, Dianne Peliokai, Bessie Maruia and Loi Vele





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