

SUSU MAMAS PNG INC

Susu Mamas PNG Inc. Report 2017

Susu Mamas Board Report

Susu Mamas Executive Management Team

15/01/2018



Abbreviations

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

| Contents | Page |
|--|-------------|
| KRA 1. Improve Service Delivery | 3 |
| KRA 2. Strengthening Partnerships and Coordination | 5 |
| KRA 3. Strengthening Health Systems and Governance | 6 |
| KRA 4. Improve Child Survival | 9 |
| KRA 5. Improve Maternal Health | 11 |
| KRA 6. Reduce Burden of Communicable Diseases | 12 |



Summary of Outputs for 2017

KRA 1. Improve Service Delivery

Occasions of service (113,223) at Susu Mamas PNG Health facilities increased by 13% this year.
Occasions of Service (145,315) for all SSM services (Joint clinics, mobile outreach, Health Facilities increased by 10% this year.
People attending a SSM health facilities; 49% children, 43% Women, 7.5% Men.

KRA 2. Strengthening Partnerships and Coordination

The Project Wok Wantaim na Kamapim Stronpela Famili – Partnering for Strong Families which is supported by the Australian Government in partnership with the Government of Papua New Guinea.”
Family Planning Australia, Kamap Man Tru Program Morobe Province.
Memorandum of Agreement with National Department of Education “Menstrual Hygiene Management” Study.

KRA 3. Strengthening Health Systems and Governance

Expenditure increased by 10% and occasions of service increased by 10%.

KRA 4. Improve Child Survival.

Total number of People attending SSM Health Facilities – 49% are for children (92% of children are CU5).
The number of Measles/Rubella (9-11mths) immunisations increased by 25%
The number of CU5 treated for pneumonia increased by 15%.
The number of children diagnosed and treated for malnutrition increased by 28% (688).

KRA 5. Improve Maternal Health

Total number of people attending at SSM Health Facilities – 43% are women.
Injectable contraception increased by 19% and Hormone Implants by 16%.
ANC 1st visits increased by 13.5%.

KRA 6. Reduce Burden of Communicable Diseases

An increase in the number of RDT's resulted in a significant increase in the number of people diagnosed and treated for Malaria.
Treatment for STI's increased by 11% for men.



Susu Mamas PNG Inc. Report to the Board for 2017

Business Report

Properties: Health Facilities:

Lae Morobe

Susu Mamas operate and manage two health facilities in Lae.

WHP:

Hagen Health facility.

The Men's clinic at the Hagen Health Facility is operating. An official Opening to be held in January 2018.

Projects and Funding Proposals

The project 'Partnering for Strong Families' (Wantaim an Kamapim Stronpela Famili) is supported by the Australian Government in partnership with the Government of Papua New Guinea." PPF Health Grant.

- PPF Inception workshop completed, partnership agreement developed.
- Work plan and budget for 2018 developed.

PNG Partnership Fund (PPF2).

- PNG Partnership Fund draft partnership agreement developed with Hela Provincial Health Authority.

NDoH Annual Implementation Plan and budget 2017

- Funding received for 2017 – K300,000.

MoU with Provincial Health offices/Authorities

- Morobe Provincial Health: Developing a revised MoU when Morobe form a PHA.
- Southern Highlands Provincial Health Authority – Draft MoA.
- Hela Provincial Health Authority. MoU to be developed when partnership agreement signed.

Sponsorship

STC funding to Susu Mamas PNG. Village Health Volunteer Training WHP and furniture and equipment for Men's Clinic.

Brian Bell Trade Electrical – Men's Clinic Mt Hagen container.

PUMA Energy – Sponsors fuel for our vehicles.

UNICEF donated 10 vaccine carriers to Susu Mamas team in November. These are greatly appreciated as they assist us to maintain the "cold chain" for vaccines for our mobile rural outreach K.K Kingston. Sponsors the Mother's Day gift bags for new mothers at the Port Moresby General Hospital

Susu Mamas PNG fund raising event "Hot Night In Havana Ball" which was an outstanding success.

Finances Refer to Financial Report 2017 and table 1 attachments.

Key Result Area 1 Improve Service Delivery

1.1 Objectives: Increase access to quality health services in rural areas and the urban disadvantaged. Increase in occasions of service for all our health facilities, partly due to a new Health Facility in Lae opening in July this year.

| Province | Service type. | District | SSM data |
|--|--|---------------------|---|
| EHP. Goroka | SSM Urban Facility Seigu | Goroka | Occasions of Service: 18241 |
| | Joint clinic with North Goroka Health Centre | Goroka | Occasions of service: 5 days/week. |
| | Rural Outreach Tarabo | Okapa | Mobile Outreach Clinics: 8. |
| | Rural Outreach Megabo | Bena | Mobile Outreach Clinics: 4 |
| | Rural Outreach Koningi Aid Post | Daulo | Mobile Outreach Clinics: 9 |
| | GBGH Hospital | Goroka | Daily referral service. Referrals for breastfeeding follow up and support. |
| Morobe. Lae | SSM Urban Facility Showgrounds | Lae | Occasions of service: 19144 |
| | SSM Urban Facility One Mile | Lae | Occasions of service: 5197 |
| | Rural Outreach. Gain & Musom | Nawaeb (2 sites) | Mobile Outreach Clinics: 11. |
| | Rural Outreach Tararan & Gabensis | Huon (2 sites) | Mobile Outreach Clinics: 20. |
| | Rural Outreach Bagabuan, Zumangurum | Markham (2 sites) | Mobile Outreach Clinics : 16 |
| | Rural Outreach. Timini. | Bulolo (1 new site) | Mobile Outreach Clinics: 3 |
| | ANGAU Hospital | Lae | Women/infants: Breastfeeding information and support. |
| NCD & Central. Port Moresby | SSM Urban Facility PMGH grounds | NCD | Occasions of service: 8773 |
| | Joint Clinic with 6 mile Health Centre | NCD | Occasions of service: 5 days week. |
| | Settlement Outreach Pump Station Vabukori | NCD (2 sites) | Mobile Outreach Clinics: 13 |
| | Rural Outreach Sabusa | Central (1 sites) | Mobile Outreach Clinics: 3 |
| | PMGH Hospital service | NCD | Daily service. Breastfeeding support Women/Infants: 198 |

| Province | Service type. | District | SSM Data |
|------------------------------|---|---|---|
| WHP. Mt Hagen | SSM Urban facility Hagen/Newtown | Hagen Central | Occasions of service: 44509 |
| | SSM Urban facility Kagamuga | Hagen Central | Occasions of service: 17359 |
| | Rural Outreach | Hagen Central (18 sites)** Die Council (2 sites) Tambul Neibylar (1 new site) Mul Bayier (1 new site) | Mobile Outreach clinics: 169 Mobile Outreach clinics: 16 Mobile Outreach clinics: 1 Mobile Outreach Clinics: 2 |
| | MHGH Hospital | Hagen Central | Daily inpatient service: Women/Infant |
| Jiwaka Province | Kudjip Health Centre Joint ANC/PPTCT | Anglimp-South Waghi | Joint clinics (weekly) ANC/PPTCT: Women: 656 |
| | Rural Outreach | Anglimp-South Waghi (3) | Total Clinics (18) Occasions of service: 880 |
| | Kudjip Hospital | Anglimp-South Waghi | Breastfeeding support. |

Megabo Outreach services restricted due to road conditions.

National Elections affected mobile outreach services in the Eastern and Western Highlands

**Hagen Central District outreach includes MCH services only.

New Outreach sites commenced in Bulolo Morobe and Tambul Neibylar, Mul Bayier WHP in the 4th Quarter.

Rural outreach Occasions of service by children < 5 years of age (CU5).

| Rural Outreach | # of clinics provided | # of CU5 | 3 rd Dose Pentavalent | Measles/Rubella 9-11mths of age |
|----------------------------|-----------------------|-------------|----------------------------------|---------------------------------|
| Morobe | 40 | 2780 | 188 | 191 |
| WHP | 188 | 1982 | 114 | 115 |
| Jiwaka | 18 | 359 | 33 | 15 |
| EHP | 21 | 349 | 22 | 16 |
| Central | 3 | 73 | 4 | 3 |
| | 270 | 5543 | 361 | 340 |
| Settlement Outreach | | | | |
| NCD | 13 | 298 | 8 | 5 |

Outreach data reported (NHIS) by nearest health facility.

Disruption to outreach services.

The national elections and the subsequent civil unrest reduced our ability to provide outreach services and some joint services during the 3rd quarter particularly.

Key Result Area 2: Strengthen Partnerships and Coordination with other stakeholders.

2.1 Objective: Develop partnerships with other health services and NDoH.

Refer to Business Section.

1. PPF Inception workshop completed, partnership agreement developed.
2. NDoH Annual Implementation Plan and budget 2017 – Nil Funding
3. Draft MoU with the SH-PHA. Further discussions delayed due to election related civil unrest
4. Draft MoU with the EH-PHA. Further discussion held with the EH-PHA
5. Continued discussion with the Morobe Provincial Health regarding draft MoU. Morobe will form a Provincial Health Authority in 2018
6. Draft Partnership agreement with the Hela PHA. MoU to be developed when Partnership agreement signed.

Working with the NDoH and other stakeholders.

SSM participated in:

- NGO Development Council PNG.
- Nutrition. Meeting with UNCEF, NDoH, NCD Provincial Health team.
- Partnership review meeting Lae District and Morobe Provincial Health Services.
- National Department of Health, UNICEF annual review and work plan 2018-2019.
- GAVI workshop POM.
- Child Protection facilitated by Abt Associates. Attended by SSM Executive and Provincial Management.
- Fraud training facilitated by Abt. Attended by SSM Executive and Provincial Management.
- Child Protection in Emergencies Workshop facilitated by SCiPNG

Training for other health services

- Student Health Care Workers from: Highlands Regional School of Nursing and Tinsley Community Health Worker (CHW) training school completed their Clinical Placement with SSM Hagen.
- UNPNG Social Work student completed work experience with SSM NCD team.

Joint Projects:

- Family Planning Australia. Kamap Man Tru program Kabwum Morobe. Australian NGO Cooperation Program DFAT. Funding extended to 30th June 2018.
- Burnett Institute, UNICEF, National Department of Education. 'Menstrual Hygiene Management' research study completed in EHP and Morobe Province.
- Water Aid - Water, Sanitation and Hygiene for health facilities in the WHP completed
- RPHSDP – Health Promotion Grant. Agreement finalized for Okapa District EHP and for Bulolo District RPHSDP. Village Health Volunteer training commenced in Bulolo.



Key Result Area 3: Strengthen Health Systems and Governance

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

Human Resources.

Total number of employees: 118.6 FTE's (60% of workforce are HCW's).

Health workers per Province

| Quarterly data | Nurse | CHW's |
|----------------|-------------|-----------|
| NCD/Central | 4 | 4 |
| WHP/Jiwaka | 20 | 16 |
| EHP | 8 | 4 |
| Morobe | 10.6 | 5 |
| Total | 42.6 | 29 |

Professional Development.

NDoH training courses.

Staff have participated in:

- Infant and Young Child nutrition Train the Trainer NCD.
- TB diagnosis, treatment and follow up Morobe.
- Moderate and severe malnutrition training completed for HCW's.
- National Family Planning Training program MSPNG.
- Malaria testing, diagnosis and treatment Morobe.
- Community Based Rehabilitation Section - Workshop Mt Sion Inclusive Resource centre EHP.
- Gender Based Violence and Family Sexual Violence referral pathways. FHI360.
- Breastfeeding Advocacy and Practice Course (NDoH, UNICEF).

Post Graduate studies

- One Nurse (POM) received an Australian Awards scholarship to complete Midwifery.
- Finance Manager received an Australian Awards Scholarship to complete Leadership and Management training.

In-service Training

Infant and Young Child nutrition – moderate malnutrition completed by HCW's.

IMCI in-service training ongoing for HCW's.

Disability awareness and services – Goroka.



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

IC Systems Management and Support.

IC systems management and support work continues for all offices and health facilities.

Medication and Medical supplies.

Due to insufficient government supplies of medication, we have needed to purchase essential medication for all our health facilities. Diagnostic equipment replaced and updated.

Susu Mamas PNG Toll Free Line.

The number of calls to our Toll Free Health Information Line: 1,245 (increase of 9%)

23% of calls aren't genuine (nuisance calls).

- 11.5% - enquiring about our health centres location and open times.
- 11% - Appointments at our health centres
- 7% - enquiring about immunisations.
- 6% - enquiring about ANC.

Key Result Area 4: Improve Child Survival

4.1 Objectives: Increase coverage of childhood immunisations.

Total occasions of service for Children < 5 years of age (CU5).

| SSM Health Facilities | <12mths | 1-4yrs | Total | 3 rd Dose Pentavalent | Measles 9-11mths |
|----------------------------|--------------|--------------|--------------|-------------------------------------|---------------------|
| Goroka Seigu | 4851 | 3754 | 8605 | 561 | 364 |
| Hagen | 9928 | 5773 | 15701 | 1186 | 685 |
| Kagamuga | 2669 | 2383 | 5052 | 322 | 180 |
| Lae (SG) | 5824 | 2243 | 8067 | 884 | 633 |
| Lae (1mile) | 541 | 617 | 1158 | 67 | 25 |
| POM HC | 1623 | 2042 | 3665 | 6 | 6 |
| Total SSM HF's. | 25436 | 16812 | 42248 | 3026 | 1893 |
| Joint Clinics | | | | | |
| Nth Goroka HC* | 883 | 147 | 1030 | 146 | 66 |
| 6 mile HC NCD* | 13031 | 2474 | 15505 | 1757 | 1327 |
| Total Joint Clinics | 13914 | 2621 | 16535 | 1903 | 1393 |

*Joint Clinic NHIS data is reported by the 6 mile and North Goroka health centres.

4.2 Objectives: Reduce case fatalities due to pneumonia.

Diagnosis of Pneumonia in Children < 5years (CU5): 15% increase in Pneumonia in CU5

| Health facility | Pneumonia <5yr | Hospital referrals |
|------------------|----------------|--------------------|
| POM | 715 | 20 |
| Lae | 1067 | 27 |
| Hagen | 2881 | 124 |
| Kagamuga | 735 | 19 |
| Goroka Seigu | 3269 | 99 |
| *North Goroka | 1380 | n/a |
| Outreach clinics | 499 | n/a |
| Total | 10546 | 280 |

*Joint health service

Diagnosis of Diarrheal disease in Children < 5years (CU5): 20% increase in Diarrheal Disease

| Health facility | Diarrheal disease <5yr | Hospital referrals |
|------------------|---------------------------|--------------------|
| POM | 505 | 13 |
| Lae | 813 | 16 |
| Hagen | 2303 | 53 |
| Kagamuga | 1008 | 19 |
| Goroka Seigu | 1239 | 30 |
| *North Goroka | 476 | n/a |
| Outreach clinics | 301 | n/a |
| Total | 6645 | 131 |

4.3 Objective: Decrease Neonatal Deaths

Refer to Key Result Area 5: Improve Maternal Health.

Increase coverage of tetanus toxoid vaccine for all pregnant women.

| Health facility | 1 st visit ANC. | % receiving Tetanus toxoid vaccine. |
|-------------------------|----------------------------|-------------------------------------|
| Lae | 1257 | 1126 (89%) |
| Hagen | 1743 | 1440 (83%) |
| Kagamuga | 480 | 384 (84%) |
| Goroka Seigu | 628 | 597 (95%) |
| Total | 4108 | 3546 |
| Outreach Clinics | | |
| Morobe outreach | 90 | 74 (100%) |
| EHP Outreach EHP | 77 | 73 (95%) |
| Total | 167 | 147 |

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

Malnutrition diagnosed and review for Children under 5 years of age attending SSM health facilities and joint clinics.

| Health Facility | Malnutrition. New cases | Referrals to Hospital |
|----------------------------------|-------------------------|-----------------------|
| Goroka Seigu, Nth Gka & Outreach | 174 | 25 |
| Mt Hagen & Kagamuga | 241 | 33 |
| Lae | 208 | 24 |
| POM | 65 | 27 |
| Total | 688 | 114 |

16.5% of Malnourished CU5 referred to Hospital



Key Result Area 5: Improve Maternal Health

5.1 Objectives: Increase coverage of family planning.

All SSM health facilities including outreach services have the capacity to offer family planning services at all times. There was a 19% increase in Injectable Contraception and 16% increase in Implants.

| Health Centre | Injectable Contraception | Hormone Implant | # Referrals for long acting & Permanent methods |
|------------------------|--------------------------|-----------------|---|
| Mt Hagen | 4161 | 409 | 0 |
| Kagamuga | 1067 | 104 | 8 |
| Lae | 2141 | (MSPNG 72) | 99 |
| Goroka Seigu & Nth Gka | 1643 | 202 | 106 |
| POM | 74 | (MSPNG 4) | 9 |
| Outreach clinics | 596 | 0 | 0 |
| Total | 9682 | 715 | 222 |

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

All Susu Mamas health facilities and outreach clinics provide antenatal/PPTCT care and postnatal care for women and infants.

Number of women attending at least one ANC visit.

| Susu Mamas Health services | ANC 1 st Visit | 4 th ANC Visit |
|------------------------------------|---------------------------|---------------------------|
| Lae | 1257 | 596 |
| Hagen SSM | 1743 | 638 |
| Kagamuga | 480 | 153 |
| Goroka | 628 | 298 |
| EHP rural Outreach (excluding HCT) | 77 | 17 |
| Morobe Outreach (excluding HCT) | 90 | 10 |
| Total | 4275 | 1712 |

12% increase in 1st ANC visits

Key Result Area 6: Reduce the burden of communicable diseases

6.1 Objective: Reduce malaria related morbidity and mortality.

All Susu Mamas health facilities and outreach services provide diagnosis and treatment for malaria. Malaria rapid diagnostic test kits (RDT). *Note: this data only includes the Health Facilities.*

| Health Centre | RDT's | Clients >5 years of age treated | CUS years treated | LLIN distributed |
|---------------|-------------|---------------------------------|-------------------|------------------|
| Lae SG | 2129 | 584 | 331 | 993 |
| Lae 1 mile | 1235 | 494 | 93 | |
| Hagen | 1331 | 41 | 4 | 1081 |
| Kagamuga | 393 | 44 | 3 | 451 |
| Goroka | 469 | 18 | 4 | n/a |
| POM | 265 | 19 | 4 | n/a |
| Total | 5822 | 1200 | 439 | 2525 |

Limited stock for Malaria RDT's and LLIN in some provinces. However we recorded an increase in the number of RDT'S and the number of people treated for malaria

6. 2 Objective: Scale up prevention, treatment, care and support for sexually transmitted infections and HIV.

Treatment for STI's is available at all SSM health facilities: 11% increase in the number of Men treated for STI.

| Health Facility | Female | Male |
|-----------------|-------------|-------------|
| Goroka Seigu | 479 | 228 |
| Hagen | 2612 | 756 |
| Kagamuga | 693 | 402 |
| Lae | 451 | 68 |
| POM | 198 | 31 |
| Total | 4433 | 1485 |



Mt Hagen, Kagamuga and Lae PPTCT (ART)

Mt Hagen and Lae Health facilities provide ARV treatment.

A number of other clients are shared care with the Provincial HIV treatment Centre (access to ART).

| PPTCT | HCT at ANC visit | Pregnant women 15-24 years who test positive for HIV | Pregnant women > 24 years of age tested positive for HIV |
|-------------|------------------|--|--|
| Lae | 1276 | 4 | 3 |
| Lae Male | 594 | 1 | 4 |
| Hagen | 1810 | 17 | 13 |
| Kagamuga | 423 | 5 | 3 |
| Goroka | 648 | 8 | 4 |
| Goroka Male | 9 | 1 | 0 |

TPHA test kits: Nil stock.

HIV Counselling and Testing (non ANC).

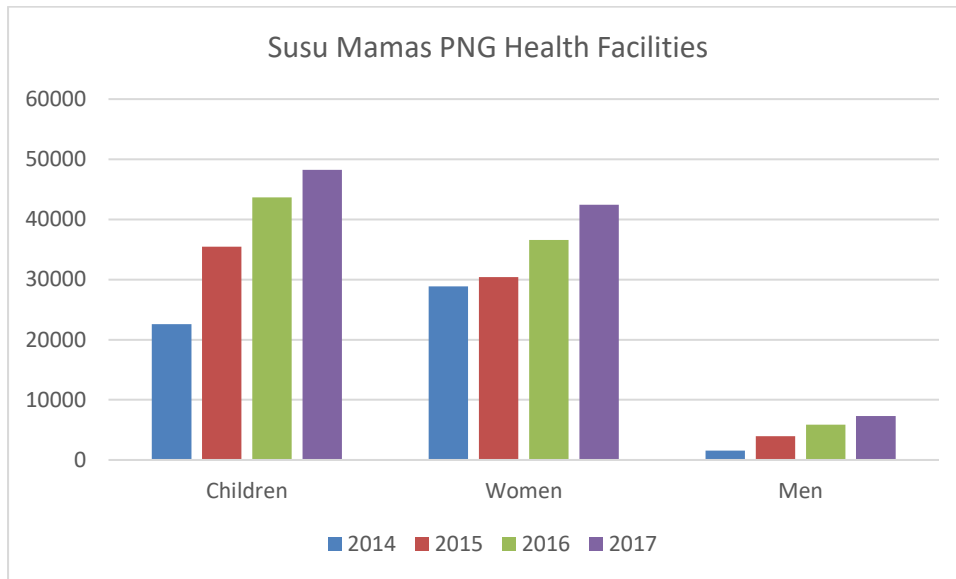
| SSM Lae HF's | Male | Positive | Female | Positive |
|-----------------|------|----------|--------|----------|
| Health facility | 39 | 3 | 99 | 7 |

| SSM Hagen HF's | Male | Positive | Female | Positive |
|-----------------|------|----------|--------|----------|
| Health facility | 22 | 7 | 37 | 7 |

| SSM Goroka | Male | Positive | Female | Positive |
|-----------------|------|----------|--------|----------|
| Health facility | 27 | 2 | 80 | 6 |

Note: Very Limited access to HIV test kits.

Table 1.



Demand for health services at our Health Facilities continues to increase but we are very restricted due to limited health facility space.

Table 2

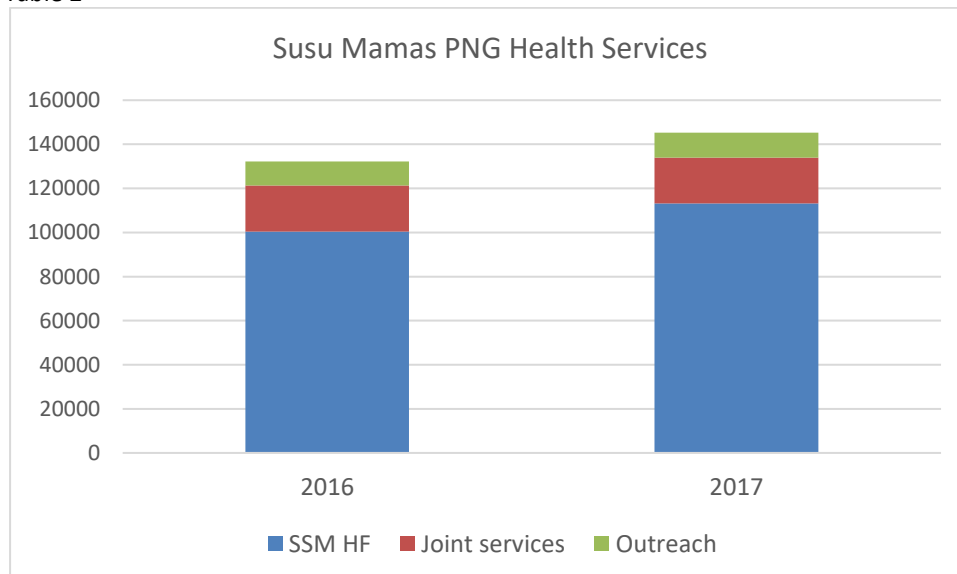
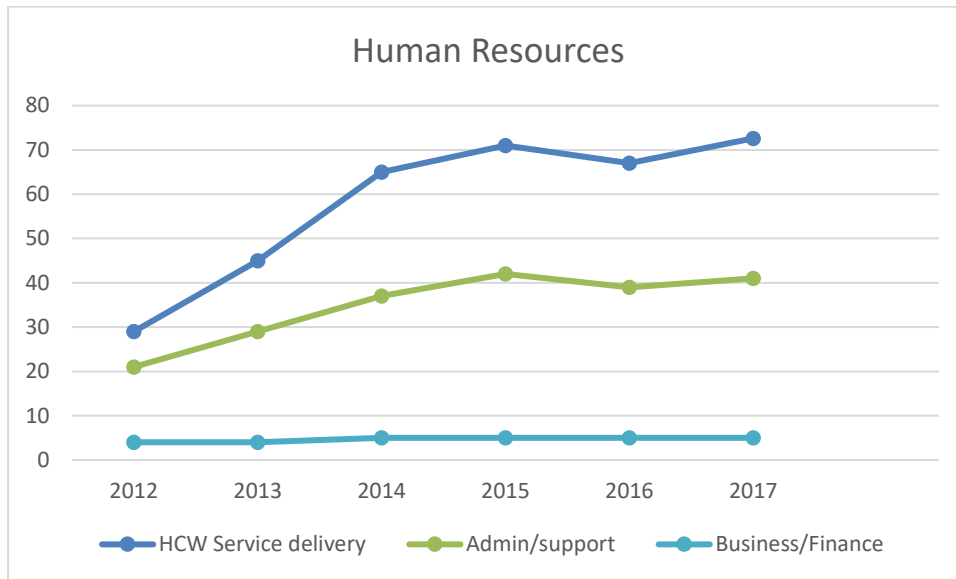


Table 3.



Income and Expenditure 2017

| Income 2017 | |
|------------------------------------|---------------------|
| NDoH Grant | 300,000.00 |
| HHISP Grant | 846,896.38 |
| PPF 1 Funding | 3,490,298.00 |
| Sponsors & Donations | 673,490.00 |
| GST refunds, Interest | 63,217.05 |
| Projects (Menstrual Hygiene, WaSH) | 146,166.93 |
| Total | 5,520,068.36 |

| EXPENDITURE 2017 | |
|---|---------------------|
| Operational | 472,687.61 |
| Salaries | 3,796,254.25 |
| Rent, Utilities | 514,296.67 |
| Motor Vehicles | 177,493.28 |
| ICT Systems, support, equipment, software | 220,151.14 |
| Travel costs & Professional Development | 57,958.52 |
| Total | 5,238,841.47 |