

CAMEROON BAPTIST CONVENTION HEALTH SERVICES



ACTIVITY REPORT, 2016

CAMEROON BAPTIST CONVENTION HEALTH SERVICES



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List of Abbreviations

CBCHS	Cameroon Baptist Convention Health Services
BBH	Banso Baptist Hospital
MBH	Mbingo Baptist Hospital
BHB	Baptist Hospital Banyo
BHM	Baptist Hospital Mutengene
MBHD	Mboppi Baptist Hospital Douala
DBH	Dunger Baptist Hospital
EBHY	Etoug-Ebe Baptist Hospital Yaounde
CP	Central Pharmacy
ACP	AIDS Care and Prevention Program
DHS	Director of Health Services
HSC	Health Services Complex
LAP	Life Abundant Primary Health Care
PHC	Primary Health Care
CIACP	Community Initiative AIDS Care and Prevention
CDC	Centers of Disease Control and Prevention
EGPAF	Elizabeth Glaser Pediatric AIDS Foundation
MOH	Ministry of Health
PEPFAR	President's Emergency Plan for AIDS Relief
HIMS	Health Information Management Systems
ANC	Antenatal Clinic
ART	Anti-Retroviral Therapy
ARV	Anti-Retroviral
BTMAT	Beryl Thyer Memorial Africa Trust in the UK
CCP	Chosen Children Program
COC	Chief of Center
CoMCHAs	Community Mother Child Health Aides
EFC	Extended Forum of Care
FP	Family Planning
NLC	New Life Club
NTP	National Tuberculosis Program

NIP	Nutrition Improvement Program
PLWHIV	People Living With HIV
PMTCT	Prevention of Mother-to-Child Transmission
PWD	People With Disabilities
SEEPD	Socio-Economic Empowerment of Persons with Disabilities
SG	Support Group
PCR	Polymerase Chain Reaction
YONEFOH	Youth Network for Health
BL	Burkitt Lymphoma
CHF	Congestive Heart Failure
LRTI	Lower Respiratory Tract Infection
URTI	Upper Respiratory Tract Infection
UTI	Urinary Tract Infection
CBID	Community Base Inclusive Development
EDID	Empowerment and Disability Inclusive Development
PTA	Physiotherapy Assistant
AOMA	Assistant Ophthalmic Medical Assistant
PT	Physiotherapy
ENT	Ear, Nose and Throat
CHW	Community Health Workers
IYCF	Infant and Young Child Feeding
HEI	HIV-Exposed Infants

Mission Statement

The Cameroon Baptist Convention Health Services seeks to assist in the provision of care to all who need it as an expression of Christian love and as a means of witness in order that they might be brought to God through Jesus Christ. Thus, the Health Board shall provide exemplary health care with genuine compassion and with overriding purpose of evangelical witness.

Vision

Quality care to all

Acknowledgement

The results presented in this report are achieved through the collaborative efforts of our patients, partners and friends who have supported us in prayers, material and financial resources. We also acknowledge the HMIS team, for blessings the efforts of CBC Health Services with these accomplishments.

A. NARRATIVE REPORT

Introduction

The Cameroon Baptist Convention Health Services (CBCHS) has been in existence since 1936 and continues to make major contributions in alleviating human suffering with an underlying philosophy of expressing Christian love through health services as enshrined in her Mission Statement. The CBCHS addresses both clinical and public health problems affecting individuals and communities in Cameroon and beyond. The CBCHS runs a network of health facilities that include 7 hospitals, 30 integrated health centers, 54 primary health centers and a Pharmaceutical procurement and distribution service. Other services and programs that contribute to enhance patient care include: the Baptist Training School for Health Personnel that trains clinical and paramedical personnel for the Health System, a comprehensive AIDS Care and Prevention Program, Services for People with Disabilities, the Centre for Clinical Pastoral Education and Social Services, and the Community Counseling Clinic. The CBCHS has facilities in 6 regions with outreach to all ten regions of Cameroon. The following sections present the accomplishments of the CBCHS institutions and departments in 2016.

1. Mbingo Baptist Hospital and Supervised Integrated Health Centres

In 2016, the Mbingo Baptist Hospital staff worked very hard serving a total of 93,964 outpatients and 12,718 inpatients. Summary activities of the various departments are as follows;

PAACS/CIMS programs: The PAACS program admitted two new Residents while the CIMS intake was four. Dr. Simo Sileu Rodrigue, a CIMS Resident who deferred the CIMS program to do a one year Masters Program in Tropical Medicine in London returned and continued in the program. The CIMS program currently has 13 Residents and PAACS program has eleven. The CIMS program graduated one Resident (Dr. Ndi Norah) who was posted to Mbingo Baptist Hospital and PAACS program equally graduated one Resident (Dr. Malikidogo Benjamin) who was posted to Bansa Baptist Hospital. The Pioneer Head and Neck Fellowship, Dr. Chege Macharia from Kenya completed the program in December while a new fellow from Ethiopia will start in January 2017.

Short Courses out of Cameroon: During this year, doctors from Mbingo Baptist Hospital attended short courses as follows:

- Dr. Okwen Marvice, an Ophthalmologist at Mbingo Baptist Hospital completed a three – months course in Neuro-ophthalmology and vertical squints in India
- Dr. Njikam Jude Eric, an Ophthalmologist at Mbingo Baptist Hospital started a Retina Surgery course in India.

- Dr. Kamdem Jacob, Internist at Mbingo Baptist Hospital completed a three month advanced therapeutic endoscopy course in India.

Building projects: Infrastructural developments occurred in the hospital as follows;

- The Strategy 9 new outpatient project is near completion. The major work left to be done is in the Imaging (CT scan/X-ray) unit. It will be dedicated for use in the first quarter of 2017
- Three low cost duplexes for Residents were completed and are in use.
- The Parents Home project (for cancer children and their mothers) was roofed and will be completed in 2017
- The renovation of the theatre block increased the rooms from 6 to 10. With these increases it has been possible to accommodate the new specialties; Plastic Surgery and the Head/Neck Fellowship programs.

Medical equipment: Major medical equipment received in the hospital included a giant freezer for the storing of Hepatitis B specimens which was donated by Dr. Mark Topezian while a high quality Siemen ultrasound machine was purchased.

Hydroelectric plant: Two public consultations were held involving the Fons of Kom and Babanki, the civil Administration (Divisional Officer of Boyo and Mayor of Belo), the Divisional Delegates of Boyo, the Quarter Heads of Baingo and Mughi and the neighbours. The Impact Environmental Study conducted by a consultant, Dr. Tihngang Joseph was completed and the Project Terms of Reference submitted in Yaounde. The hospital plans to start the project in 2017.

Electronic Medical Records (EMR): The EMR was installed and data entry at registration, admission room, wards, theatre, laboratory, pharmacy is ongoing electronically. Both out and in-patients' bills are calculated electronically from the software.

Outreach Dental Screening: A team of 6 doctors and a Pastor from James Island Christian Church, USA carried out a one week dental screening in Kikfuini in partnership with Mbingo I CBC Church and Mbingo Baptist Hospital. A total of 125 dental patients were screened.

Leprosy Services (Hansen Disease (HD): A leprosy survey was conducted in some primary and secondary schools in Ndop for two weeks. Of a total of 9517 students screened, only one was identified positive. Most of the 8 new patients admitted in 2016 were treated on outpatient basis. During the Palliative Care visit, one of the patients in Bamessing was discovered with deformed hands and feet. After treating her ulcers and other health conditions in MBH, she was admitted at the New Hope Village because there was no one to care for her. In total, two patients were admitted at the New Hope Village this year.

Integrated School for the Deaf: The 2016/2017 academic year enrollment of the school increased from 152 to 158 (3.9%). All the 17 pupils who wrote the Common Entrance and the FSLC examinations were successful, scoring 100%. The pupils will continue their secondary school education at BCHS Njinikejem, GBHS Bamenda or GBHS Kumbo. Considering that multilingual environments are the best education settings for students with hearing impairments, ISFD now practices inclusive education with the CBC Nursery and Primary School Mbingo 1.

Mbingo 1 CBC Nursery and Primary School: The enrollment for the academic year 2016/2017 dropped by 15.9% from 277 to 233. The drop is due to the increase in fees. All the 23 pupils who sat for the Common Entrance and FSLC examinations passed, scoring a 100%.

Day Care Center: The center has a total of 20 children with 4 workers. The center is a major relief to workers who have difficulties getting baby-sitters.

Chaplaincy services: The chaplaincy services took a new twist with the contribution of Dr. Ethan Helm (Paediatrician) and Dr. Niles Batdorf (Plastic Surgeon). The doctors are producing Bibles in SIM cards both in French/English versions and some dialects for patients, care givers and workers at 1,200 Francs CFA. A one hour Sunday Worship Service for patients and their caregivers was started in the hospital this year.

Performance Based Financing (PBF): Since July 2016, Mbingo Baptist Hospital has not been participating in the PBF scheme because of the introduction of an indices tool which the hospital finds it difficult to comply with.

Awards by Afo-Akom USA: In March 2016, Mbingo Baptist Hospital was one of the recipients of the Afo-Akom USA award with a cash price of 500,000 Francs CFA. This was designated for the provision of humanitarian services to the Hansen Disease patients at the New Hope Village.

Supervised Health Centers: The health centers are faring well, providing quality care although most of the rural centers are not breaking even.

The Nkwen Baptist Health Center's new maternity block building under Strategy 9 is near roofing level. A 52 line intercom system was installed to facilitate communication within the center. This year, the center bought a water distiller for the Dental and Pharmacy Department, a Hematology Analyzer (URIT-3000), a Chemistry Analyzer (COBAS-C111) for the Laboratory, a therapeutic Ultra-Sound machine and an Electrical Stimulator for the Physiotherapy department.

The Bafoussam Baptist Health Center five floor storey building under the Strategy 9 project was roofed and plastering is in progress. Finkwi Baptist Health Center completed their maternity block foundation. Akeh Baptist

Health Center replaced the leaking roof of the Centre. Mamfe Baptist Health Center partially paid for the old school structure purchased from the Church. The school will be renovated in 2017 and the centre will relocate there.

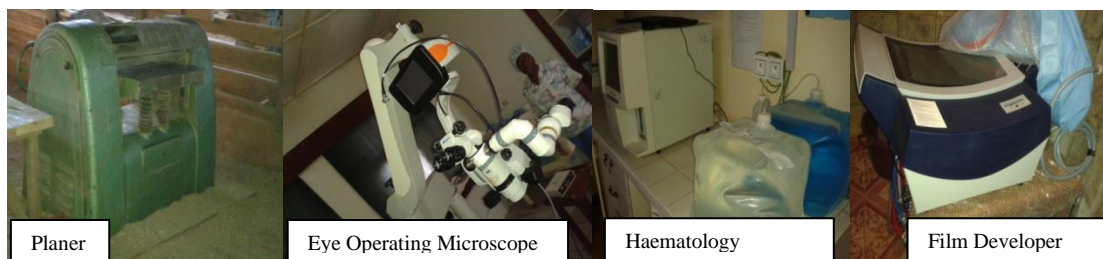
The major challenges of the hospital included shortage of housing facilities for doctors and staff, the malfunctioning of some vital equipment due to inconsistent power supply and the inability of some patients to pay their bills.

2. Bansa Baptist Hospital and Supervised Integrated Health Centres

The hospital management and staff worked hard in 2016 and realized most of their goals. In total, 90,758 out patients were served and 8,062 were admitted. In the course of the year, the hospital organized several internal trainings including Infection Prevention training for all the staff on practical experience and another one for Housekeepers; Good Samaritan First Responder, Leadership Seminar for Heads of Department and Clients Orientated Provider Efficient services training for 85 hospital staff.

In line with maintenance, the hospital constructed the second water catchment and linked it to the tank. This will greatly improve the availability of water in the hospital during dry seasons. Most bulbs in the hospital were replaced with energy saving lamps to reduce electricity bills and frequent bulb replacements.

The hospital bought several equipment including 2 Haematology machines, 1 Ultrasound machine, and an Automatic X-ray film processor, an intercom system, and a TOYATA Hilux. The institution equally received donations like a fairly used Wood Planner from Dr. Norman James and a Modern Operating Microscope for eye surgeries from the International Response to Improve Sight (IRIS) through Dr. Ashley Schauer.



At the end of the year, there were 19 medical doctors at BBH consisting of 2GPs, 1 Surgeon, 1 Ophthalmologist, 2 Internists, and 13 doctors on practical experience including an OBGyn. A total of six staff were decorated with labour medals of whom one was from Ndu Baptist Health Center.

Infrastructure wise, the BTSHP building and the Eye Department Block were completed this year. The eye department block will host the Eye In/Outpatients, private wards, ENT and dental services.



BTSHP block



Eye Department Block

The Ndu health centre now has a resident General Practitioner while doctors are rotated at the Ngounso Baptist Health Center, trusting to have one who will be resident over time. Ultrasound services were started in Ngounso to enhance the work of the doctors and more equipment and a mini theatre will follow soon for the physician to function better. The Bangolan Baptist Health Center was added to the list of Performance Based Financing sites this year. The Bangolan Fondom crisis slowed down activities in this facility. The Kouhouat health center bought a new bike and completed the maternity block and Jikijem Baptist health Center completed the Chief of Center's residence.

3. Baptist Hospital Mutengene and Supervised Health Centers

The hospital staff worked hard serving a total of 120,286 Outpatients and 6,055 in patients. A PAACS Resident, an Internist and an Orthopedic Surgeon joined the team of doctors at BHM. The hospital made significant improvement in infrastructural development. A Rest House was constructed within the hospital premises. With financial support from the sources of Professor Peter Hesseling and Dr. Paul Wharin, the former palliative and tuberculosis ward is being renovated into a Pediatric Oncology department. The Essoka Building Construction Company handed the newly built maternity/surgical block to the CBCHS on November 25, 2016.



Rest House



New Maternity/Surgical block

A blood bank centre for Tiko Sub-Division was created at BHM on June 14, 2016.

The Hospital medical care team provided health coverage at the Soppo and Limbe Field Bible Conferences.

BHM Supervised health centres

The work load at Ekondo Titi Health Center dropped in 2016. The center received a hectare of land from Chief Esoh Itoh at the west end of the town on the way to Mudemba. The boundaries have been demarcated with life plants. A lot of material has been gathered in preparation for the construction of a new structure to start in 2017.



The Kumba Baptist Health Center served a total of 74,416 outpatients and 1,377 inpatients. Security at the center was reinforced by partnering with the Kumba Central Police

Officers to cover the centre at night. A secretariat was set up for the center. The center procured three laptops, two desktops, two printers and a photocopy machine. Fifteen foam benches were made for the Outpatient Department. Seventy hospital beds and fifteen wheel chairs were bought for the health center. A 4 x 4 Hilux vehicle was bought for the center. The centre received two Awards of Recognition on the highest patient attendance in the District and best facility for data collection.

Work is moving on smoothly at the Bafia Baptist Health Centre. The center plans to buy a solar refrigerator in 2017 that will enhance the storage of vaccines and other supplies.

4. Baptist Hospital Banyo and Supervised Health Centres

The Baptist Hospital Banyo had a second doctor this year. Dr. Nshimba who started work in August 2016 after three months of orientation in BBH. His presence in addition to Dr. James Smith will reinforce services in the hospital as well as support visits to health centers. In 2016, the hospital served a total of 9,808 outpatients and 1098 inpatients.

The missionary volunteer, Mr. Shinar Joshua who is an Information Technologist Engineer has improved the internal communication systems and plans do same with the IT and electrical systems in the hospital in future.

Mr. Oliver Haumann, the missionary Physiotherapist through his home visits of Persons with Disabilities (PWDs) and sensitization on paralysis has brought change for some families.



Dr. James and Ina Smith returned from a six months medical trip to the US stronger than before. They appreciated their recognition and thanked the Leadership of the Convention for recognizing their exemplary stewardship to God in the last CBC General Session that held in Bamenda.



A baby was delivered by a critically sick Muslim woman who later abandoned the baby. After staying in the incubator for three months the baby is doing well and was given the name Emmanuel Issa. The baby is now being cared for by Miss. Mulak Patience, a Nutrition Counselor of the hospital.

As a strategy to address the prevailing climatic/environmental changes and in line with the Director of Health Services' 2015 End of Year Address on the need to promote greenery in all institutions, the staff of Baptist Hospital Banyo committed and planted one hundred and fifty fruit trees in the compound which will be maintained in 2017 going forward.

The old patients' transport van was disposed and replaced. Two of the hospital wards were renovated and provision made for the Nurses' station. The construction of the Outpatient Department building of Sarkibaka Health Center is being completed and will be put to use in the first quarter of 2017. A Solar lighting system was installed in Nyamboya Health Center.

5. Etoug-Ebe Baptist Hospital, Yaounde and Supervised Health Centres

The Etoug-Ebe Baptist Hospital Yaounde (EBHY) had a staff capacity of 182 at the end of 2016. The increased work force enhanced the provision of quality healthcare to a total of 141,433 outpatients this year. The hospital's main structure was renovated creating an extension that has provided more work space for services. Meanwhile preparatory work is going on in the medical block site with the plan to effectively start the project in 2017. The hospital services increased with the start of ENT department which became fully functional in 2016.

Many of the hospital staff participated in services improvement seminars and workshops in and out of the hospital. The EBHY received several supervision teams including teams from WHO, CNPS, CDC, CHAI, Biyem-Assi District, Health Area and Ministry of Public Health. The supervisors made recommendations which have been helpful for service improvement.

Renovation work went on at Nkoabang for services to begin in the Health Centre at the start of 2017. The Ekounou Baptist Health Centre started construction work at the permanent site on the 3rd of September 2016 and the foundation has been completed. The building permit was approved. The health centre now has a Dentist and a General Practitioner who work on a part time basis. The Voundou Baptist Health Centre was selected by the MOPH as one of the Health Centres in Ntui Health District with good quality care and high patient uptake and has been designated to carry out monthly mentorship by training staff on strategies to reduce maternal and neonatal morbidity and mortality in Cameroon.

6. Mboppi Baptist Hospital, Douala

The hospital staff worked hard serving a total 223,343 outpatients and 8,911 in patients. The hospital received support from well-wishers including the Men's Fellowship of the Presbyterian Church, Bonamoussadi that donated gifts to sick children and prayed for their quick recovery. An NGO "village to Village Care" also donated a consignment of assorted medical supplies to the hospital. The hospital received a Certificate of Excellence from SIAP (System Pour L'amelioration de L'accès aux Produits et Services Pharmatiques) in recognition of best performance of services to persons living with HIV in Cameroon. The Care and Treatment centre of the hospital also received a Certificate of Excellence from

the same organisation. MBHD won First Price from Profam as the best hospital that did well in WHP/FP services in the Littoral region. This award was accompanied by a new refrigerator. Other accomplishments of the hospital for this year are as follow;

- A 250KVA transformer has been installed to replace the 160KVA transformer whose power supply was inadequate for the hospital.
- A new generator was purchased with external support for use during electricity failure.
- We completed the construction of the laundry block and started using it. The TB consultation room, Pharmacist office and Calls rooms for the surgeons were relocated to this block.
- Building plans for the medical block of the hospital have been approved. The hospital plans to start the foundation during the first quarter of 2017.
- Two baby incubators were purchased for premature babies.
- We bought a surgical table, patient monitor and surgical lamp for the theatre
- An ophthalmic autoclave with a built-in generator and a pachymetre with a build-in generator were bought.
- An ultra-modern chemistry machine (Cobas C311 and E411) was purchased for the laboratory. It will reduce patient waiting time and give reliable and reproducible results and reduce price per test.

The major challenge of the hospital is limited workspace and the need for funds to construct the medical block.

7. Life Abundant Primary (LAP) Healthcare

The main goal of LAP is to improve the health of rural and underserved communities in Cameroon through health education, diseases prevention and treatment, and promoting community participation in planning, implementation and evaluation of their health through a sustainable primary health care system. The pioneer Assistant Administrator, Mr. Shey Joseph Shuyeh was appointed. At the end of 2016, there were 54 Primary Health Centers (PHCs) under the supervision of LAP. These PHCs are in 4 regions of Cameroon (Northwest, Southwest, West and Adamawa). Of the 54 PHCs, 15 busy Primary Health Centers have Nursing Assistants and Nursing Auxiliaries that were assigned to support the work of the Village Health Workers (VHWs). The posting of the nurses to these PHCs contributed to increasing utilization rates. LAP has a total of 9 Field Supervisors responsible for supervising the work of 120 Village Health Workers, 35 of whom are Community Mother Child Health Aids (CoMCHAs) and 85 are Health Promoters.

Based on the identified needs, LAP organized the following trainings in 2016;

- Thirteen CoMCHAs (5 males and 8 females) were given basic training in Ndu to improve in the Mother and Child Health (MCH) activities in the LAP Communities.
- Sixty nine Village Health Workers were provided with continuous Education on mental health and the importance of documentation.
- Thirty nine Resource Pool members received a refresher course and gained more skills and knowledge in effective communication.
- Twenty six LAP staff (13 PHC Nurses, 9 Field Supervisors and 4 office staff) attended a seminar on cervical cancer screening that was facilitated by Drs. Tom and Edie Welty, Drs. Alison and John Edwards and Mr. Manga Simon. During the training, participants were informed of the pilot phase of cervical cancer screening that was planned to take place in Lang, Njinijou and Saah PHCs with funding sourced for by Drs. Tom & Edith Welty.
- Thirty Village Health Workers were trained at LAP Centre on Basic Life Support in Obstetric (BLSO) to equip them to effectively respond to obstetrical emergencies.
- Twelve candidates from 12 communities had two months of basic training and a one month of practical experience in PHCs and were assigned as Health promoters.
- Twenty six Village Health Workers had two days of training to enable them carry out partner notification activities in the LAP communities

Key performance indicators of LAP primary health posts

Activities	Jan- Dec 2015	Jan-Dec 2016
Consultations	47583	53506
Antenatal Clinic	1527	1281
Under 5 weighed	11085	10457
CoMCHA Delivery at PHC	1069	1040
CoMCHA Delivery at Home	81	6
Total Patient Encounter	66537	71177

The Village Health Workers continued to carry out environmental hygiene and sanitation for the promotion of healthy living. Consequently; 269 new latrines were constructed, 1506 Compound Card visits screened a



Cervical cancer sensitization in LANG PHC

total of 7083 adults to know their weight and Blood pressure. A total of 387 (5.5%) people were identified with abnormal blood pressure and were referred to the hospitals. Two New PMTCT sites were created at Kurt and Nseh. Acceptance rate for HIV testing in LAP PMTCT site is 100%. Financial barriers continue to limit HIV positive clients from timely compliance to their referrals to care and treatment

centers. We carried out community HIV counseling and testing reaching a total of 2,229 (805 males and 1,424 females), of whom 29 (5.7%) were HIV positive and were linked to care and treatment.

LAP staff worked in collaboration with the Women's Health Department of BBH and carried out sensitization and cervical cancer screening in seven communities. A total of 1318 women were screened. Among those screened, 207 women tested positive for the Human Papillomavirus (HPV). So far only 48 women have been treated and 159 are pending treatment. This pilot phase of LAP Cervical Cancer Screening improved access to services in the communities and has made a great impact on the wellbeing of the women in the PHCs where these activities were carried out. At the same time pointing a need for more services.



The 2017 infrastructural plans of LAP include the completion of the multi-purpose building project and refurbishment of the roof of the big stone lodge with roof tiles.



LAP received a donation 5 million francs CFA to carryout construction of a borehole. This project has successfully been carried out and LAP now has sufficient water supply. This water source has been boosted by the partnership of LAP with the Kikai Water Authority (KIDA) to complement water supply.

8. Baptist Training School for Health Personnel (BTSHP), Banzo



In 2016, the BTSHP achieved two of her strategic goals. These are the completion and dedication of the school building and the commencement of training of Registered Nurses. The school graduated 204 students on August 27, 2016 and the graduates were posted to various facilities of the CBC Health Services. At the end of 2016, there were 144 students enrolled in ten ongoing courses of the

2016/2017 academic year. More courses will start early in 2017. The full time staff of the school is twelve and part time tutors are highly needed.

Two Faculty members from the University of Alabama, all Cameroonians, visited the BTSHP in 2016. The need to set up networking opportunities between the school and University of Alabama was suggested for consideration. In a similar direction, Dr. Shitteh Jerome of Buffalo NY expressed his intentions to work with the school in the aspect of coordinating internships for nursing students from US to Cameroon. The BTSHP will start professional internship program for clinical staff in 2017 that will provide skills to new graduates and increase their employment opportunities.

9. Central Pharmacy

Distribution unit: The distribution unit of the central pharmacy placed a total of 25 international orders and 197 local orders of drugs and medical supplies in 2016 and they were all received in the main warehouse in Mutengene. On the other hand, the supply chain network made a total of 285 trips to the satellite stores and health institutions to deliver medicines and medical consumables at the points of use. Major donations were received from CBM (5 consignments), Brother Brothers' Foundation (3 consignments) and Emmanuel Foundation (2 consignments). The fabric workshop has three industrial machines and sews White Cross linens and mattresses that are used in health facilities.

The Drug Revolving Fund (DRF) has greatly facilitated the procurement of drugs and medical supplies for the CBC Health System. The DRF paid a total of 2,078,074,291 FCFA (690,921,149 FCFA to International suppliers and 1,387,153,142 FCFA to local suppliers) for drugs and medical supplies.

Sterile Production Unit: This department produces basically 2 pharmaceutical products: IV fluids and Eye Drops. The IVs produced include Sodium Chloride 0.9%: 250mL, 500mL and 1000mL, Glucose 5%: 250mL and 500mL, Ringers Lactate: 500mL Ciprofloxacin 0.2%: 100mL and Metronidazole 0.5%: 100mL. In total, 35,294 bags containing different IV infusions most of it being Sodium chloride were produced and supplied to the health institutions. This is far below the annual target. The low output in 2016 was caused mainly by poor water quality and poor performance of the sterilizer

This year, we introduced the design and printing of water resistant labels for the five most consumed eye drops: Methylcellulose, Timolol, Dexamethasone, Ciprofloxacin and Sodium Cromoglycate, installed a



sterilizing grade filtration system and improved checks during quarantine, labeling and supplies. A total of 206,500 eye drop bottles were produced.

The key and urgent needs of the unit are a distillation plant to make water available for IV fluid production, a sterilizer and Steam Boiler for the IV fluid line to

improve the quality and quantity of IV fluids produced. The unit had enough raw materials of excellent quality and packaging material this year.

Non-Sterile Production Unit: In 2016, the department produced the following products;

- Topical Preparations: Ointments, creams and gels; particularly the analgesic cream (cream), steroid containing ointments and a combination of steroid/antibiotic ointments. A total of 1,400kg of creams/ointments (a bulk of it being “Deep Relief Cream”) were produced.
- Gels: Antiseptic Hand Gel: 1200kg and Ultrasound Gel: 520kg
- Oral Preparations: Powders for reconstitution (MMT and Bismuth): up to 1,300 packs of powder required to make 2L of suspensions have been packaged and distributed
- Oral liquids: Paracetamol solution: now available in patient pack sizes (100mL bottles) with water



resistant labels. A total of 2,100L have been produced and distributed so far. Other liquids that were produced are Morphine Solution and Ferrous Sulphate solution. Most of the work of non-sterile production unit is done manually and this makes the attainment of deadlines challenging. The urgent needs of the unit include the automation of the oral liquid production process and

the topical medication production line as well as acquiring the Water Treatment Plant.

Chemical Production Unit: In 2016, this department produced a total of 22,933 adult strength treatment soap, 7,930 child strength treatment soap, 4,800 tablets of bathing soap, 34,398 tablets of sodium hypochlorite 5% bleach, 3766 packs of powder detergent of 2kgs, 5,945 liters of liquid detergent and 6,179 tablets of antiseptic soap. The department needs to be automated to ensure good finishing through good packaging and production scale up.

Oil Palm Plantations: In 2016, a new nursery was created in Lingam where the CBCHS was given 170 Hectares of land. We have nursed 19,500 oil palm **chitted** nuts for planting on this land. This will add to the 24.5 hectares planted with 3,454 palm trees in Nyamboya, 61 hectares planted with 8,739 palm trees in Sarkibarka and 41 hectares planted in Ngounso with 5,914 palm trees. A tractor is needed to facilitate work on these plantations and to construct farm stores for all the plantations.

10. Health Services Complex

In partnership with Mildmay, Uganda, the Regional Training Centre of Excellence is currently running 3 diploma courses namely HIV/AIDS Care and Management, Palliative Care and Management and Health System Management. The center also hosts the Pharmacy Production Assistant Course. Other courses that were organized include the Neonatal and ALSO courses. Mrs. Ntoko Vivian Epolle was also appointed as the Manager of the Training Center.

11. Empowerment and Disability Inclusive Development Program

In 2016, the Services for Persons with Disabilities (SPD) engaged on partnerships with several organizations and stakeholders including parents, neighbours, councils, churches, traditional authorities, associations of persons with disabilities, the SEEPD program, Nicky Foundation and National Platform for Inclusive Societies. These partnerships aimed at ensuring that CWDs in need have access to education, healthcare, livelihood and social inclusion opportunities. These activities were implemented under the CBR (now CBID) components of Health, Education, Social and Livelihood.

Facilitating access to healthcare, education, social and livelihood opportunities to children and youths with disabilities:

It is the vision of the Liliane Foundation and the CBCHS EDID program to ensure that as many children as possible with disabilities in Cameroon who otherwise because of financial limitation would not have access to the aforementioned opportunities, access them and be empowered for inclusive development.

In 2016, the sum of over 200 million FCFA has been used to financially support over 1000 children and youths with disabilities. This has enabled them to have access to various medical interventions, education, livelihood and social opportunities. The children have had access to education, in inclusive, special and mainstream school settings. Some of the children have also benefited from assistive devices to facilitate their studies in inclusive settings. The pictures presented below are those of some children who may have remained disabled but thanks to the intervention of the EDID program and her Partner Organizations, many of the children are independent.



Coaching of Partner Organizations for effective implementation of activities: As a condition to start implementing activities following the transfer of funds to POs (Partner Organizations), all POs were to draw up or readapt their previous drawn action plans in line with the new budget. The project team ensured this by visiting all the POs to provide guidance and also to provide orientation on the new procedures and completion of the forms. This resulted in a 99% availability of action plans from the POs in line with the SPO strategic direction for 2016. During the field visits, emphasis was laid on the importance of POs ensuring that parents whose children are beneficiaries of the program belong to a Parents Support Groups/Association. This association is a strong forum for empowerment and advocacy for as they care for their children with disabilities. This activity significantly contributed to the improvement of the skills of POs in planning and reporting.

Parents Support Groups: One of the strategic directions of the EDID program and her partners to ensure increase in parents' commitment towards their children with disabilities was to ensure that all parents of children supported under the program belong to sustainable support groups. The services of the Support Group Supervisor of the CBCHS, Mr. Wepnje Joseph who has worked for 12 years in forming and sustaining Support Groups of persons living with HIV was co-opted. He moved round with the coordination team forming and laying down strategies for the sustainability of Support Groups for parents of children with disabilities. So far, over 20 Support Groups have been formed and existing ones strengthened. During

each group formation, members were challenged to copy the example of ants by an illustrative picture of a few ants that united in transporting a chicken into their storehouse. Participants were challenged to know that if ants can carry loads 50 times their body even though they have neither shoulder nor strong body structures then if they as parents of fragile children with disabilities can unite, they can accomplish much more than a single person can ever accomplish. The parents were made to understand the importance of forming and sustaining their Support Groups some of which are; sharing of experiences and supporting each other, providing emotional and moral support to each other; having one strong voice to advocate for the rights of their children; Easy Avenue for capacity building for economic empowerment, etc. Key components during this process to ensure sustainability were;

- Putting in place an independent executive with clear definition of roles
- Agreeing on the meeting agenda for all meeting sessions
- Facilitating the formulation of internal rules and regulations that govern the group
- Empowerment of parents on income generating activities.



Teaching Parents on an IGA for economic empowerment at a support Group in Mudemba, SWR

All group members were trained on how to produce body lotion which they could sell and raise income to support their children. The first product was sold among group members in order to generate a start-up capital.

Enabling environment for children with disabilities: In accordance with the new policy direction of the Liliane Foundation, the EDID team facilitated Partner Organizations to ensure an enabling environment for children with disabilities in all areas in the society. In this light, Partner Organizations (POs) made appreciable efforts in creating enabling environments for children with disabilities. Awareness raising and sensitization are ongoing through radio, joint stakeholder meetings, group discussions, church meetings, etc. Children with disabilities are integrated in inclusive settings with the provision of assistive devices; partnerships with schools and other relevant community stakeholders including the government are established and accessible structures are created; children are benefiting from livelihood skills to facilitate their employment. Through advocacy, the PTA in the College Adventiste de Yaounde, has recruited a special teacher on its budget and also created a resource room for the visually impaired children to enable them study in an inclusive environment with other students. PROMHANDICAM has signed an MoU with the University of Yaounde 1 to guide them in the implementation of inclusive education. Missionnaire

Claretain and PCRS have signed Partnership Agreements with councils in their respective zones of intervention to ensure that councils are more committed in their actions towards children and youths with disabilities in their various municipalities.

These interventions have caused parents to increase their commitment for the care and support of their children. This can be seen from their financial contributions. After sensitization and counseling some parents take full financial responsibility of their children, while others contribute up to 50% but those who are very poor still rely on the program for total support. In all cases, assessments are always made to ensure that the highest assistance goes to families that are really in need. Below are photos of some interventions done by Partner Organizations:



The construction of ramp at a government school in Bafut by a PO in collaboration with school benefits 12 CWD

During the 2016 planning meeting, it was discovered that Child abuse continues to be a major problem faced by children with disabilities. As a result, the EDID program planned with its Partner Organisations to put measures in place to curb this issue. The EDID program team facilitated the link between the Child Protection Officer of the SEEPD program and the Partner Organisations to help address some of these concerns. The program plans to train members of partner organisations in child protection who can always take the lead in addressing issues in their organisations and doing referrals for difficult cases. A good example of a child abuse case that was successfully addressed by one of our Partner Organisations is the abuse of two Muslim children aged 13 years each by members of their own family and community. These two boys were accused by one lady of stealing a telephone battery. As punishment acceptable by their religion, these children's feet were burnt. In order to successfully perform this punishment, the children were held by strong men, placed on chairs and their hands and feet tied to sticks pinned by the fireside. Grass and firewood made their feet to roast. These children were then left in this state until morning. At the deplorable state in which the wounds on the feet were, by the morning, the children were rushed to the hospital by the mother of one of the victims where the medical personnel did their best for about 2 months

to restore the feet to their original state to no avail. Thanks to the intervention of one of the EDID POs, this matter was reported to the police even though the family was reluctant to take any legal action because they believed the children were justly punished for the acts they had committed. With the police report, investigations were conducted and all the perpetrators were arrested and put behind bars.

The Children presently need 4,000,000 frs to undergo a plastic surgery for restoration. The Liliane Foundation through the EDID program with support from community and well-wishers will make this happen since the family and the perpetrators are not able to provide this amount.

Inclusive Education Pilot Program: With the programs' commitment on promoting inclusive environments for children with disabilities in line with the Sustainable Development Goals, the



WORKING SESSIONS DURING MEETING WITH PARTNER ORGANIZATIONS

program started intensifying inclusive education among all its Partner Organisations beginning with a pilot program at the government primary school – IGS Banya in the Southwest Region in partnership with the Nicky Foundation. An advocacy meeting with stakeholders including the Regional Delegates of Basic Education and Social Affairs, the Mayor of Mamfe Town, Traditional and Religious Authorities, parents of children with disabilities, the Parents' Teachers' Association of IGS Banya, the Inclusive Education staff of the SEEPD program, Nicky Foundation and the EDID Program held this year to enhance the attainment of this objective. The meeting was interspersed with brainstorming sessions which helped all stakeholders present to appreciate the need for inclusive education and to readily identify their individual roles in enhancing inclusive education in IGS Banya. After the meeting, a lot of ground work continued to ensure the setting up of a resource centre at the school and the signing of Memoranda of Understanding with relevant stakeholders. Efforts to recruit a skilled teacher failed and all the pupils that were identified and earmarked to start this project by September 2016 were sent to an integrated school while teachers without sign language skills have been recruited and sent to the same school to gain skills in sign language so that the project can effectively start in September 2017. The overall aim of this project is to enable children with disabilities live together and interact with their peers without disabilities so as to facilitate the reduction

of stigma and discrimination that is presently prevailing in the context of Cameroon and further aggravated by the fact that children with disabilities tend to study in isolation and never have the opportunity for their peers without disabilities to interact with them and appreciate their talents.

“We Ring the Bell” Campaign

The year 2016 started with an interesting campaign to raise awareness and sensitize the population of Cameroon on the need to educate children with disabilities. This campaign which is an initiative of the Liliane Foundation in which children with and without disabilities in Holland make lots of noise using different kinds of instruments like bells, drums, vuvuzelas, spoons, etc to raise awareness on low education rates for children with disabilities and the need for more children with disabilities to be given opportunities to get educated. This event reached over 1000 people including important stakeholders in relevant sectors like the Regional Delegate for Social Affairs, Regional Delegate for Basic Education, the Secretary General for the Cameroon Teachers’ Association, Education Secretary for the Cameroon Baptist Convention, the Mayor of Bamenda III Council amongst others.

After speeches and commitment of the stakeholders on the importance of educating children with disabilities, the government officials led the crowd through the streets of Bamenda for an advocacy campaign. As the crowd moved through the streets with their noise making instruments, placards and banners, the streets were full as community members came out to know and see what was happening and as such, the message was passed across as intended. Wide media coverage was also ensured and this enabled the message to pass across the national territory through the National Radio and Television and beyond through BBC.



We ring the bell campaign

Mid-Year Review Meeting With EDID Partner Organisations;



The program organized two mid-year coordination meetings - one with French Partner Organisations and the other with English Partner Organisations to reflect on the successes and challenges of the program and map ways forward. The POs were encouraged to get parents informed and involved in their activities as much as possible because it was noted that some parents do not understand the assistance given to their children.

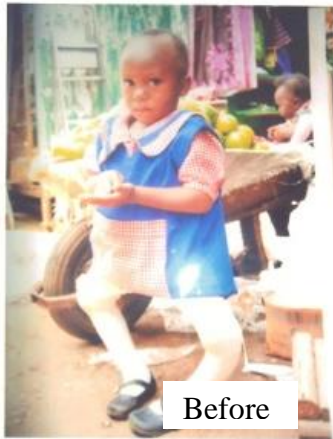
It was stressed that the best way to get parents committed is through transparency. The following pictures of interventions made possible by the program were presented during the evaluation meeting



Before



After Intervention



Before



After



Before



After



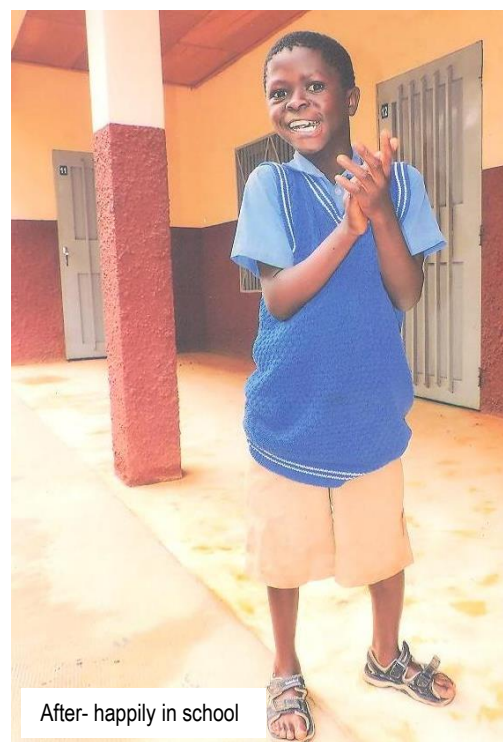
Before



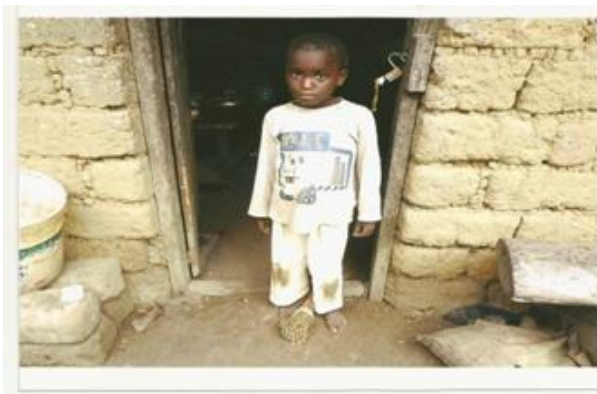
After



Before with no hope for education



After- happily in school



12. Socio Economic Empowerment of Persons with Disabilities (SEEPD) Program

The Socio Economic Empowerment of Persons with Disabilities (SEEPD) Programs in the second year of implementation of its Third Phase. With focus on sustainability, program activities focused on improving equipment base and training all medical project staff, increasing the involvement of educational stakeholders in the region in education interventions, engaging discussions with specialized government programs designed to empower youths, supporting municipal councils and civil society organizations to mainstream disability in their actions, implementing a comprehensive media strategy to improve on program visibility, undertaking investigations to inform program implementation and providing capacity to the program. Key accomplishments include the following;

- Technical assistance was provided to twenty (20) councils to mainstream disability in council development plans resulting in increased ownership of Community Based Rehabilitation (CBR) by councils who actively conducted outreach programs, recruited and managed eighty seven (87) community volunteers thereby contributing in reducing cost on the program.
- Increased government commitment in promoting education for all by creating and progressively equipping 8 inclusive government primary schools in the Northwest Region. The involvement of other education stakeholders –PTAs, school councils, school authorities and municipal councils and have made the impact of inclusive education more visible in the Northwest Region. This is seen in the increased enrollment and participation of children with disabilities (CWDs) in education in mainstream settings.
- Government agencies such as the Support Program to Rural and Urban Youths (PAJER-U), the Support Program for Actors of the Informal Sector (PIASI) and the National Employment Fund (NEF) have considered adopting inclusive approaches in order to enable youths with impairments to benefit from their actions as well.

- More PWDs and Associations of Persons with Disabilities (APWD) are contributing to socio economic and cultural endeavors in their communities with more leaders of APWDs taking front line action in advocacy initiatives. This is a direct consequence of attitude change within the wider community on the one hand –demonstrated in increased acceptance and involvement of PWDs and increased self-esteem and awareness among PWDs on the other hand demonstrated in the exercise of control and access to opportunities.
- Government through the Regional Delegation of Women's Empowerment and the Family has facilitated increased involvement and participation of more women and girls with disabilities in women empowerment initiatives in the region.
- Education and sensitization on child protection has increased community response to issues of alleged child abuse in the Northwest Region. This is reflected in the increased rate of reports on child abuse practices but also the increase in requests from institutions on capacity building in child safeguarding.
- A multifaceted communication strategy led to increased awareness of the program in the Northwest Region. The CBCHS is recognized and valorized as a key actor in disability and inclusive development. Requests for partnership, and technical support received from CVOs and CBOs is proof of this.
- Childhood blindness in Cameroon can be estimated at 200 blind children per one million people (C Cook, May 2011). In view of making a contribution to addressing the situation, pediatric eye care was introduced in MBH. Efforts are being made to set up a comprehensive pediatric eye clinic.
- Heart for the Deaf, Sound Seekers International and the people of Dordrecht through the Dordrecht Bamenda Foundation supported Infrastructural development in the Integrated School for the Deaf. This has increased the capacity of the school to provide convenient learning space to pupils and an administrative block for teaching staff.
- An investigation of the cultural and traditional barriers to quality mental health treatment in the Northwest Region of Cameroon was conducted. A number of barriers were identified and recommendations made to improve the services and wellbeing of mental clients.

Medical and Rehabilitation Services

- Messages to create awareness on prevention of disability and access to available services reached over 906,435 people in the region thereby generating demand for Eye care, Physiotherapy Care, Ear Nose and Throat (ENT) services and Community Mental Health. This has led to an increase in access

to quality medical services to prevent, treat and rehabilitate disabilities from 108,050 people in 2015 to 113,453 people in 2016.

- More communities have demonstrated ownership of medical outreach services by active involvement of community leaders in mobilizing their populations to participate - hence, increasing consultations.
- In view of improving quality to respond to increased demand, three key interventions were undertaken: (1) obsolete equipment were replaced in the Eye care, ENT, PT and Orthopedic services in MBH, BBH and BHM, (2) training was done for 15 PTAs and 10 AOMAs, (3) exit interviews were administered to 1,901 people accessing Eye, Physiotherapy, Ear, Nose and Throat and Mental Health services in MBH and BBH.

Education

- Technical assistance to conduct inclusive entrance examination into the Higher Teachers Training Collage (HTTC) and Higher Technical Teachers Training Collage (HTTC) was provided to the University of Bamenda. Within the framework of our partnership with the University, materials to set-up an inclusive teaching and learning resource centre were acquired and officially handed over.
- Didactic materials and assistive devices were provided to ten (10) government primary schools and seven (7) government secondary schools to facilitate learning for CWDs. These assistive devices supported the academic performance of CWDs in regular classrooms.

Livelihood: The program's livelihood component seeks to increase access by PWDs to livelihood



2016 Inclusion Day at GBHS Kumbo

opportunities through facilitation of access to vocational training, provision of microcredits for eventual economic autonomy and advocacy for formal employment. Realizations of 2016 include the following;

- In collaboration with community structures, vocational training was provided to ten (10) PWDs. More PWDs are involved in income

generating activities and participating in mainstream financial institutions.

Social Inclusion

- Effective advocacy and collaboration with councils led to increased ownership of CBR activities by councils recruiting and managing 87 community volunteers by 16 councils in the regions as noted elsewhere.
- Four (4) municipal councils increased their commitments to support education for CWDs by recruiting



and assigning sign language teachers to support CWD in mainstream schools, providing didactic and assistive learning devices and the organization of inclusive education open door days.

Child Protection

- Awareness and education on child protection is leading to attitude change in the region. This can be attributed in part to a multidimensional strategy to raise awareness on the need to keep children safe. Communication materials were produced in accessible format including: 1,401 posters, 2,456 brochures; 12 sign language videos, 6 audio copies, 1 Braille copy and 10,000 print copies of UN Convention on the rights of the child, alongside radio programs. Training on child protection and rights of the child were provided to students and teachers of special schools.
- More implementing partners within the SEEPD system are provided support to design and put to use child safeguarding policies and policy action plans. WINHEEDCAM and CUAPWDs both have finalized their policies which will be closely monitored by the program. Twenty (20) councils were trained on child protection and safeguarding. A combination of capacity and good institutional frameworks to promote child safeguarding will lead to sustainable results.

Gender

- In 2016, gender interventions focused on strengthening the capacity of key implementing partners of the SEEPD Program; Civil Society Organizations (CSO) working in the area of women empowerment

and the Northwest regional delegation of Women's Empowerment and the Family (MINPROF) to mainstream disability in their mandates.

- Monitoring and technical assistance was provided to nine (9) CVO promoting women empowerment initiatives in the region. The following outputs were noted;
 - Draft Gender policies developed for WINHEEDCAM, SAJOCAH, and CIS, pending review and adoption.
 - In a bid to vulgarize gender and disability mainstreaming at grass root levels, Women's Forum (grass root organizations of the MINPROF) leaders selected from all 7 divisions were trained on gender, disability and development. Seven action plans were developed for 7 divisions in consultation with women's forum leaders.
- Programs advocacy led to a tuition fee waiver for women and girls with disabilities in view of facilitating access to vocational training at women empowerment centres. It is anticipated that this decision will motivate women and girls with disabilities to get involved in productive livelihood initiatives.

Program Management and Visibility

- The program staff received capacity building in Functional French, M&E training, Strategic Communication, and Inclusive Project Cycle Management.
- A focused group evaluation of the weekly radio series "D&D" was conducted with 26 media professionals selected from 19 media organs partnering with the program to improve visibility. There was consensus that the quality of the content is enriching and is contributing to changing perceptions on disability issues within the wider community and the presentation style is excellent.
- A complaint and feedback mechanism has been developed in view of managing issues emerging from the CBCHS' relationship with clients and stakeholders.

The Cameroon Clubfoot Care Project

- The successful implementation of its pilot phase (January 2014 to December 2015) led to a second phase (January 2016 to December 2018) granted with the overall objective to improve on access to, and participation in social inclusion opportunities for children with Clubfoot without discrimination by ensuring that communities and institutions in Cameroon are effectively including these children born with clubfeet in their actions.

- Clubfoot care services have been extended to 22 more clinics in 8 regions of the country with provision of consumables and supplies in view of subsidizing cost of treatment and increase uptake. About 133 community workers with 66 Service Providers received training to identify and refer cases to clinic and treatment using the Ponseti technique respectively. Meanwhile, awareness and education were done using the mass media 41 radio spots were produced and broadcasted over 22 radio stations in 6 regions.
- Discussions to increase government's involvement in the management of the project were held with Regional Delegates of Public Health, Social Affairs and Basic Education in six regions. In collaboration with regional delegates of Public Health, Focal Persons to facilitate the coordination of project activities at regional level were appointed in 4 regions.

13. AIDS Care and Prevention (ACP) Services

The prevention, treatment and psychosocial support activities of the CBCHS AIDS Care and Prevention Program accomplished a lot in 2016, impacting on the lives of many Cameroonians.

The prevention programs (Youth Network for Health, ViiV Community Project in Northwest region, the Community Initiative AIDS Care and Prevention Program in Southwest region, the Contact Tracing program and New Life Club) were very busy sensitizing the population for positive behavior formation, change and sustenance. Their sensitization messages encouraged early ANC attendance and the importance of male partner participation. These programs trained a total of 3,370 community members to function as HIV and AIDS resource persons and through them a population of 99,400 was sensitized on issues of HIV and STIs. The programs tested a total of 9,683 persons in the community with 105 testing positive to HIV. The Contact Tracing and Partner Notification program identified and enrolled 5,306 index persons, traced 6,352 of their contacts and notified 4,724 (74.37%) of them. A total of 4065 (86.05%) contact persons were tested for HIV and 1,578 (38.82%) were positive and 1,423 (90.18%) linked to on-going HIV care.

The New Life Club has 39 functional clubs with over 496 members. Family planning services have been provided to 159, the number tested is 444 with 85 HIV positive and 75 on treatment. The club activities assist members to quit the practice of commercial sex as a profession through continuous provision of alternative skills and activities (petit self-help projects, schooling, apprenticeship in various disciplines, and business/trading). The program activities were extended to the Southwest region this year. Their outreach activities included the identification and creation of associations of Female Commercial Sex Workers (FCSWs) to curb the risks of acquiring and transmitting STIs, especially HIV.

Care and Treatment Services

The CBCHS supports Care and Treatment activities in five of the ten regions in Cameroon with funding from CDC/PEPFAR and EGPAF. The CDC/PEPFAR funds (given in the form of two different cooperative agreements) were used to strengthen PMTCT services in the Northwest, Southwest, Center and Littoral regions. Minimal funding from EGPAF was used to sustain existing services in the West region while hoping that more funding could become available either through the national program or from other funding partners. PMTCT services were provided to 24,707 pregnant women at 125 sites supported by EGPAF in West and Adamawa regions of Cameroon. EGPAF supports seven components of ACP; PMTCT, ALSO, Youth Network for health, New Life Club, WHP, TB and PN. In the PEPFAR supported regions, some low performing districts and sites were transitioned to the MOH by March 31, 2016. The program focused on sites and districts that have high uptake and high yield (number of people positive for HIV). Consequently, the total number of sites being supported has dropped in all the regions. In the NW & SW regions, the HIV Free CDC/PEPFAR supported project was in its last year of implementation. The CBCHS supported services in 679 sites. These included 145 in the NWR, 83 in the SWR, 139 in the Littoral, 173 in the Center region and 119 in the West region.

All PMTCT sites supported by the project were implementing the WHO recommended option B+ regimen which prevents transmission from mother to child while also sustaining the mother's health. The Option B+ pilot which was initiated in 22 sites in the NWR and SWR is on-going. Staff were assigned to carryout individual follow up of the children of those enrolled in the study for rapid testing at 18 months. The babies of the last mothers enrolled in the study are yet to attain 18 months and be tested for HIV by rapid test. The current MTCT rate for study population is about 3%. A qualitative study was initiated and data collected to understand some of the experiences of clients and service providers in delivering Option B+ services.

The activities of the Accelerated Care and Treatment (ACT) initiative which started in 2015 with the objective to double the number of children living with HIV enrolled in care in Cameroon were intensified in 2016. All children who tested HIV positive were followed up for immediate enrolment into Care and Treatment. This project promoted Provider Initiated HIV Testing and Counseling (PITC) for children and the general population who visit any health facility according to the ministerial circular signed early this year. This led to the identification and linkage to care of those tested HIV positive thereby increasing the number of people initiated on ARTs.

The Local Capacity Initiative (LCI) project which focuses on community mobilization to increase the uptake of PMTCT and other health services in ten health districts of the NWR & SWR has a very functional technical working group (TWG). This TWG worked hard to develop and launch an advocacy strategic plan in

Bamenda in April 2016 which was officiated by the Governor of the region in the presence of the CDC Country Director. They worked with the regional delegations to organize elections for Dialogue Structure members in all Health Areas and districts in the ten health districts.

The CBCHS owned Care and Treatment Sites enrolment was 15,774 patients at the end of 2016. There were 841 defaulters making up a defaulting rate of about 5.33%. With PEPFAR support, the sites in the Northwest region conducted outreach clinics to make ART drugs accessible to clients in enclaved areas thus enhancing adherence. The support also enhanced the creation of children friendly corners in some care and treatment centers and this enabled children and adolescents living with HIV to be given quality care and support.

The Women's Health Program enrolled 10,000 women this year for cervical cancer screening and other women with health related issues. The women who tested positive were treated with cold coagulation or cryotherapy. The project was sponsored by the University of Massachusetts.

The program participated in the 2016 PATCHA Foundation Medical Mission to Cameroon at Bana, Banen and Bagante where 761 women were screened for cervical and breast cancers.

The Chosen Children program supported 3,025 children this year. The World AIDS Orphans Day was observed and the sum of 550,000frs was raised besides material donations to the Chosen Children. All children who fell sick were treated with the total medical bills amounting to 5,557,875 Frs. The program also carried out advocacy activities led by Children for Orphans (CFO), who exposed the plight of orphaned children. Majority of the children did well academically and were promoted to upper classes while those that wrote the end of course examination succeeded. Twenty children received baptism in their local churches.

The Support Group now operates in two facets including the adults and children support groups. There are 165 adult Support Groups with 1,604 active members. The groups have facilitated the mitigation of self-stigma from members and enhanced access to CD4 count and other chemistry tests as well to their drug refill. Fourteen of the members died in 2016. There are 11 Children Support Groups which have been divided into different age groups having a total of 96 members. The Support Groups were involved in income generating activities as a means of sustainability.

The Palliative Care Program has continued to sensitize the population on its services. In 2016, 1600 were ministered to and about 59,438 people were sensitized in 342 churches, 954 different groups and during the CBC bible conference. The program worked in conjunction with the Support Group to successfully apply for a grant from Liferise. This grant will facilitate activities to reach out and improve access to ART to patients and permit sharing of the gospel with them.

The Nutrition Improvement Program (NIP) is operating in 32 sites, 18 with Nutrition Counselors and 14 supported sites. These sites are CBC health services institutions, 1 catholic site and 3 government health

units. A total of 192 reports with 108 from NIP sites and 84 from supported sites were expected by the end of June 2016 but 105 reports have been received from NIP sites and 35 reports from supported sites. Though a few other sites did not report during the period, the report completeness rate was 97.2% for NIP sites and 41.6% for supported sites giving a total of 72.9% overall. A total of 16,263 clients received nutritional counseling; 9735 on IYCF where 1428 of them were HIV Exposed Infants (HEI) and 6528 clients received Nutritional Therapy (NT) and 1501 were Persons Living with HIV (PLWHIV).

This Adopt a Health Worker Program was revived this year and staff participation increased. This has enabled some staff to benefit from health assistance which would have otherwise been difficult for the board to cover. The current balance in the account is about 12 million FCFA.

The CBCHS HIV response programs have continued to identify and use every avenue available to offer unprecedented intervention to the HIV pandemic. Most of the CBCHS-ACP programs have been able to accomplish a greater portion of planned activities despite the limited resources. The program staff have continued to work very hard and with commitment.

14. Non Communicable Diseases (NCD) Prevention and Control (NPC) Program

NCDs are a growing global burden as it currently accounts for more than 60% of global deaths, with more than 80% of NCD deaths occurring in lower middle income countries. Cameroon currently has a WHO estimated NCD burden of 31% of total deaths.

Since 2015, there were discussions on improving the health services to adequately respond to the rising trend of NCDs that were being noticed in the health facilities. In accordance with the WHO Action Plan for NCDs (2013 – 2020), the CBCHS after making preliminary enquiries at the Ministry of Public Health in July 2015 to determine the government response, realized that the MoH has established a sub department in the Department of disease Control to coordinate NCD prevention and control in Cameroon..

In 2016, CBCHS in collaboration with the Clinical Research and Education Consultancy (CRENC) undertook a Situational Analysis to assess the capacity of the CBCHS to adequately respond to NCDs. Among other funding, the analysis evidenced a rising number of patients presenting with NCDs in CBCHS facilities between 2011 to 2015. The Situational Analysis also indicated the following gaps and hence the need to;

1. Strengthen staff **capacity** across disease disciplines to adequately address
2. Improve **diagnostic and management** capacity for tools and modern equipment for early diagnosis and optimized treatment outcomes for patients with NCDs
3. Scale up population based Education and **awareness on NCDs**
4. Ensure adequate **surveillance on trends, outcomes and** measure contribution of the CBCHS in the national NCD response
5. **Improve Access to essential NCD Medicines**
6. Undertake policy advocacy to strengthen the national NCD response
7. Conduct Research initiate or guide evidence-based intervention approaches to NCD prevention and control

In 2016, the Director of Health Services constituted the Technical Reference Committee led by Mr. Ngam Joseph to develop a comprehensive program to address NCDs. This was successfully done as evidenced by the production of a program guide and a 3 year strategic plan (2016 – 2018) team was constituted to coordinate the activities of newly established program.

2016 was therefore a takeoff year whereby assembling a program team and starting activities to integrate the program. The NPC Program has 7 pillars constituting its service improvement focus as follows:

1. Awareness
2. Screening and Management
3. Monitoring and Evaluation
4. Capacity Building
5. Advocacy
6. Research
7. Resource Mobilization

The NPC Program has a mission to help prevent illnesses, disabilities and deaths from avoidable NCDs through innovative prevention and treatment interventions. The vision of the program is to have NCD-Free Communities. The program is currently working within the 2017 framework to strengthen the following services in addition to achieving a highly coordinated and integrated comprehensive NCD services;

1. Know Your Numbers
2. Diabetes Services
3. Cancer Services

4. Palliative Care Services

The Program will be fully piloted in 7 Sites namely, Banzo Baptist Hospital, Mbingo Baptist Hospital, Nkwana Baptist Health Center, Bafoussam Baptist Health Center, Etoug Ebe Baptist Hospital, Mboppi Baptist Hospital and Baptist Hospital Mutengene, and by 2018, evaluated for deeper scale up to other health facilities. Currently, activities are shallower in non designated sites.

Milestones:

Some Achievements - 2016

1. Program Staff have been put in place including a Program Coordinator, M&E Officer, Research Officer, Clinical Advisor, Grants Officer, Finance Officer. NCD Site Coordinators, Heads of Diabetes Clinics, KYN Supervisor and Diabetes Focal Point. All these staff are functioning properly.
2. Partnerships have been created with the Ministry of Public Health with close collaboration with the Sub Directorate in charge of NCDs at the Directorate of Diseases Control. Collaboration has also been created with CRENC, Sandoz, Public Health Foundation of India and the World Diabetes Foundation to foster improved service delivery in this domain.
3. Funding has been sourced from the Novartis Access Initiative to scale up KYN in the 7 Program facilities. The Project is to start in March 2016.
4. In 2016, CBCHS was admitted as a member of the National Multisectoral Committee for Chronic Non Communicable Diseases and also into the National Technical Working Group on NCDs at the Ministry of Health.
5. CBCHS Participated in the Global Dialogue on the role of Civil Society Organizations and other Non-State Actors in the prevention of NCDs organized by the WHO Global Coordination Mechanism for NCDs and the WHO AFRO from October 19-21, 2016.

Conclusion: The program will for the next two years, continue to achieve the preliminary goals set in its foundational 3 year (2016 – 2018) Strategic Plan.

15. CBCHS Burkitt Lymphoma/Childhood Cancer Service

The CBCHS Childhood Cancer service operates three childhood cancer treatment centres at Mbingo, Banzo, and Mutengene Baptist hospitals. The cost of pathology, chemotherapy, management of comorbidities, laboratory investigations and surgery are largely funded by the program. Food support and transport support is also provided to all patients. Long term follow-up of patients is done to establish the real outcome.

Patients and Treatment: In 2016, a total of 96 new patients were recorded and treated. The 3 main disease categories are Burkitt Lymphoma (BL), Retinoblastoma(RB) and Wilms Tumours (WT) which are all treated according to internationally recommended and IRB approved protocols for low income countries.

Parent Support Group Activities: The NW region Parent Support Group for children with cancer is a registered NGO. World Child Cancer Day was celebrated at every hospital, raised awareness of childhood cancer, and solicited financial donations. Our partnership in the piggery with the CBR at Mbingo Baptist Hospital is now providing a regular income. A new partnership with Tadu dairy cooperative society is providing free yogurt to our children at Banzo Baptist Hospital for nutritional support.

Hospital Facilities: A new paediatric children's cancer ward with 7 beds will be completed early in the new year at Mutengene Baptist Hospital. At Mbingo Baptist Hospital we are awaiting the completion of the new wing to enable the move of the X - ray and Ultrasound departments adjacent to the children's ward. This space will enable us to develop a new 8 bed children's cancer ward adjacent to the existing children's ward. A parents' home is currently under construction at MBH. It will be named "We Care" and will consist of 8 parent rooms and 4 guest rooms for paying guests.

Palliative Care

Our Palliative Care Nurse, Mr. Kaah Joel reaches even the most distant patients in the West and Northwest Regions and beyond, often making other follow-up or "sensitization" visits en route. In total, 122 home visits were made in 2016 as compared with 60 in 2015. A similar increase in ward consultations and telephone contacts was recorded. This service significantly improves the quality of life for patients with terminal diseases and their families.

Staff Development and Changes: Dr. Francine Kouya joined the adult and paediatric cancer service at Tygerberg Hospital and Tygerberg Children's Hospital, Stellenbosch University, South Africa in June 2015, and will return to MBH in May 2017 to manage the Oncology Services for children and adults. Dr. Kifem Vincentia has successfully completed her first year of training as Paediatrician at the University of Yaounde I. Mr. Mbah Glenn, will complete his MPH Course in London early in 2017. A SANOFI grant has enabled him to launch a program to train health workers, and to promote advocacy about childhood cancer in the Northwest Region. Nurse Ndjodzeka Bernard is enthusiastic and competent addition to our staff at BHM, while nurse Celine Akwang makes an addition to the team at MBH. Several members of our team visited the Leeds Children's Cancer hospital in the U.K this year. The outcome of these visits is that a nursing

delegation from Leeds will visit the CBC hospitals during 2017, with the objective to support nurse training in Paediatric Oncology.

Academic Activities: The African Collaborative Study for the treatment of WT has good patient accrual, and is well managed by Nurse Nana Philippa at MBH. Five papers/posters about our work were presented at the annual SIOP conference in Dublin. Nurse Mbah Glenn was elected to represent the nurses of Africa in the management committee of the African branch of SIOP.

16. Chaplaincy Department

Five additional chaplains were recruited into the chaplaincy department. The activities of the chaplains greatly strengthened the spiritual lives of the staff and clients. Regular devotions, Bible study and TEE for some staff are ongoing. The department organized couple/singles and widows seminars in many of our centres. Also, retreats and prayer meetings for staff were organized. Our annual Spiritual Emphasis and Medical Day of prayer were observed with much success. The attendance and offering raised for the needy during these events were very impressive. These events also provided an opportunity for the staff to improve on their Spiritual lives and also to visit, share and pray together with various churches within the neighborhoods of our institutions.

- This year, the Chaplaincy organized a seminar for sixteen staff in stations without Chaplains. This was done with the goal of empowering them to be able to lead in spiritual activities within their various institutions in the meantime. Study Bibles were provided to all the stations involved. This will facilitate preparation of devotions, Bible studies and TEE.
- We also organized refresher courses for Chaplains in Mutengene and BBH to reawaken them for more quality and efficient services.
- Some Chaplains had a seminar on Servant leadership with Rev. Bryan Hodges who came from the US along with Sharon Davis.
- We had a donation of 842 Bibles to Mbingo Baptist Hospital Chaplaincy by one of the Missionaries who came on a short term visit. We also had three cartoons of Gideon's New Testament Bibles donated by a couple from Nigeria to the BBH Chaplaincy. These Bibles are given to patients who receive Christ and have need for one.
- We have continued to receive the supply of the Our Daily Bread devotional from the "White Cross" and we appreciate them.
- With the help of some missionaries, MBH Chaplaincy department is providing audio gospel messages and Jesus film on memory cards to both patients and staff. Still in this light, the Chaplaincy in

collaboration with the Press Division has recorded some gospel messages with songs presented by Choirs from three institutions within the CBCHS to be played for patients and visitors in our facilities. This has been produced, dedicated and distributed to the various Centres.

The department continues to face the challenge of insufficiency of materials like tracts and Bibles to help the people who make first time decisions in some of our institutions to continue to grow in their Christian lives. Also the number of needy cases in our various institutions continue to increase on a regular basis thereby posing a need for more funds to provide assistance to them.

17. Technical Services Department (TSD)

The year 2016 was the second year of implementation of the Strategy Nine Projects Package which has been the main focus of TSD. The ground breaking for Ekounou Medical Block in Yaoundé was done this year and Mutengene Maternity and Theatre block was completed and dedicated for use. The Department was re-organized to be more efficient, meeting the needs of all the institutions.

The department supervised the Strategy 9 Projects to be accomplished as listed below;

1. The MBH OPD was roofed, painted, and the ceiling completed. The project is 85% completed and shall be delivered by February 2017.
2. Nkwen Health Centre Maternity is 30% done. One decking is remaining to have the structural work done and the inner partitions are gradually being executed. The Targeted completion deadline is July 2017.
3. Bafoussam Medical Block was roofed and the overall project is 50% done. Plastering and other finishes are being done and we expect the project to be completed by April 2017.
4. Kumba Medical Block was roofed, and the tiles and ceiling done. The building is 50% completed with plans to deliver in April 2017.
5. Ekounou Health Centre Medical Block was started with the ground breaking. The foundation was completed. The project is 8% done.
6. Mutengene maternity and theatre was completed and delivered in December 2016.
7. The BHM biogas system was completed and the balloon installed.

The Technical Services Department also realized other project as follows;

- The commencement of the refurbishment of the Nkoabang Baptist Health Centre building in Yaoundé.
- The completion of the Baptist School for Health Personnel Building
- The completion of the BBH Eye Department building

- The construction of an attachment to Etoug Ebe Medical block to host some services in preparation for the construction of the new Block.
- The construction of the foundation of Finkwi Baptist Health Centre Maternity
- The Harmonization of signboards within all the Health Services institutions
- The construction of BHM New Laundry block
- The renovation of the Mboppi canteen

The following building plans were developed and construction will commence when funding will be available;

- TSD Head Office in mile 3.
- Mboppi new medical block plans and building permit
- Etoug Ebe new medical block and building permit
- Ekondo Titi Medical block
- Mamfe Health Centre new block remodeling proposal
- CBC Executive President residence upgrading plans were produced

The Baptist Apprenticeship Training Program (ATP) graduated 27 trainees and took in 46 new ones. The training occurred mostly in two stations, Mbingo Baptist Hospital and Banso Baptist Hospital. The school entered into partnership with the National Employment Fund for the training of six carpenters

Biomedical Electronic Technician

The Biomedical office has three staff carried out the following activities in the year 2016:

A. Activities

In BBH, we;

- Successfully wired an automated system for the BBH stand-by generator
- Successfully wired an automated water pump system for the wells at the BBH water catchment area
- Installed some Biomedical equipment
- successfully installed a new carpentry planning machine
- successfully repaired and maintain Biomedical equipment
- Successfully carried out electrical installations of the new eye department block and the Baptist training school for health personnel and also electrical repairs in the station.
- Educated users of biomedical equipment on safe usage.

B. The most common departments we attended to were

- The Maternity pre nursery and all wards with respect to their incubators, Oxygen concentrators, aspirators, Vital signs machines etc
- The Theatre with the same issues but including over head lamps, patient monitors , Electrosurgical machine etc
- Dental department often on their dental chairs and dental units in general etc
- Eye department, mostly on slit lamps and others
- Laboratory, commonly for microscopes, centrifuge blood bank etc
- The laundry department for their machines
- X-Ray /ultra sound etc

C. Annual inspection/maintenance

The annual inspection/maintenance of biomedical equipment and supervision for 2016 was successfully done even though with some difficulties on the way because of car breakdown especially in the North Bands. We thank God the team could handle some of the problems on the car.

The supervision ensured;

- Equipment safety and performance inspection on all equipment
- Equipment inspected were also given a biomedical equipment tag
- Preventive maintenance was done on some equipment like all Oxygen concentrators, slit lamps microscopes etc
- Repairs of equipment that were poor working conditions like Dental Chairs ,stand by generators etc
- Electrical / plumbing repairs
- Inspected all fridges for storing drugs and reagent and gave recommendations

E. Other Activities

- Emphasis was also given on documentations of all work related issues from assignment, completed task; pending activities etc should always be documented
- Emphasis was laid on urgency in responding to every assignment that is related to the patients.
- Coordinated the training of biomedical assistant technician course in BTSHP
- Coordinated APCT orientation at BBH
- Organized a BIOELECT workshop at BBH
- Supervised biomedical work in the strategy 9 projects and other projects in the board

F. Observations /concerns

Equipment damage is on a high level related to the following:

- Unstable power supply
- Poor handling or management by users for example, a pulse oximeter whose data cable is not replaceable being handle as if it is as strong as a drying line. it will get bad an nothing can be done to repair it and many more

18. . Health Management Information Systems (HMIS)

In 2016, all the seven hospitals and twenty seven health centers of the CBCHS gave reports throughout the year. Timely submission of reports remains a major challenge. Compared with 2015, there was a reduction in outpatient service uptake in 2016 but there was a small increase in admissions. The tables, figures and charts below summarize the key performances of 2016 compared to 2015.

Table 1 Summary Pperformance of CBCHS l institutions in 2016

INDICATOR/DEPARTMENT	BBH	MBH	BHM	BHB	MBHD	DBH	EBHY	SUPERVISED IHCs	Total
Bed Capacity	303	295	120	44	136	36	-	649	1,583
Staff Strength*	562	761	372	61	387	18	182	1,182	3,525
OPD attendance	90,758	93,964	120,286	9,808	223,343	4,823	141,433	418,672	1,103,087
Inpatient Attendance	8,062	12,718	6,055	1,098	8,911	714	-	18,529	56,087
Deliveries	1,304	824	841	170	3,226	139	-	3,444	9,948
Major Surgeries	1,842	4,312	2,394	189	1,438	20	-	-	10,195
Minor Surgeries	7,265	5,418	5,105	337	4,861	206	1,231	17,144	41,567
Deaths	493	513	194	36	159	8	-	143	1,546
Prescription served by pharmacy	67,321	80,847	88,663	8,781	173,089	3,661	103,259	257,780	783,401
Laboratory	58,609	56,299	39,445	6,754	85,080	2,014	58,841	162,911	469,953
Patients served by Doctors	15,053	32,642	55,683	1,000	91,313	273	19,395	38,913	254,272
Patients served by Screeners	18,797	60,752	29,107	7,356	132,055	4,308	49,852	228,091	530,318
Eye Department	11,752	12,537	15,632	544	26,561	264	19,439	37,263	123,992
Chaplaincy	12,179	9,068	2,476	945	1,332	531	797	15,289	42,617
Social Workers	3,402	7,054	5,114	-	3,581	6	2,438	5,143	26,738
Dental Department	5,869	2,697	3,723	420	6,048	-	11,663	16,285	46,705
Ultrasound Department	7,385	14,903	5,541	1,396	13,476	-	4,725	6,156	53,582
Physiotherapy Department	6,258	10,467	3,931	708	6,527	-	3,105	11,068	42,064
X - Ray Department	6,960	11,936	4,206	1,286	3,390	-	-	-	27,778
Nutrition	2,730	2,355	1,907	862	10,007	210	665	7,835	26,571

*: Staff of supervised IHCs includes those of Life Abundant Primary Healthcare Program, Director of Health Services' Office, Health Services Complex and the Technical Services Department.

Table 2.1 – Distribution of Beds by Hospitals and Health Centers

Hospital	Medical	Maternity	Pediatric	Surgical	Total	%
BBH	161	38	45	59	303	19
MBH	154	24	26	91	295	19
BHM	54	21	10	35	120	8
MBHD	28	48	35	25	136	9
BHB	20	9	7	8	44	3
DBH	20	16	0	0	36	2

Other Institutions	317	225	107	0	649	41
Total	754	381	230	218	1583	100

Table 2.2 Number of Beds Distributed by Ward, comparing 2015 and 2016

S/N	WARD	2015	2016	CHANGE IN NUMBERS	% CHANGE
1	Medical	751	754	3	0.4
2	Maternity	406	381	-25	-6.2
3	Paediatric	248	230	-18	-7.3
4	Surgical	165	218	53	32.1
	TOTAL	1570	1583	13	0.8

The number of beds in CBCHS institutions increased from 1,570 in 2015 to 1,583 in 2016. This represents a 0.8% increase. Most of the increase in the number of beds is from BHM where construction was carried out creating more space for surgical beds.

Table 3.1 Staff Strength by Cadre Comparing 2015 and 2016

SN	CADRE	2015	2016	DIFFERENCE	% CHANGE
1	DOCTORS	49	65	16	32.7
2	NURSES	877	891	14	1.6
3	AUXILLARY	429	537	108	25.2
4	PARAMEDICAL	318	443	125	39.3
5	ADMINISTRATORS	22	25	3	13.6
6	ADMINISTRATIVE STAFF	110	96	-14	-12.7
7	CHAPLAINS/ SOCIAL WORKERS	73	76	3	4.1
8	CLERICALSTAFF	294	253	-41	-13.9
9	SUPPORT/TEMPORARY STAFF	1066	1139	73	6.8
	TOTAL	3238	3525	287	8.9

Table 3.2 Staff Strength by Institution and Cadre

STATION	DOCTORS	NURSES	AUXILLARY	PARAMEDICAL	ADMINISTRATORS	ADMINISTRATIVE STAFF	CHAPLAINS/SOCIAL WORKERS	CLERICAL STAFF	SUPPORT /TEMPORARY STAFF	TOTAL
MBH	13	208	103	80	3	11	17	51	275	761

BBH	8	156	110	73	3	8	15	37	152	562
MBHD	18	151	33	57	3	7	5	27	86	387
BHM	10	122	58	52	3	5	10	28	84	372
EBHY	9	41	14	39	2	4	3	21	49	182
BHB	1	14	11	9	2	1	1	4	18	61
LAP	0	11	9	2	2	4	3	1	20	52
HSC	0	6	10	33	2	11	1	12	82	157
DBH	0	4	4	2	0	0	1	1	6	18
DHS CENTRAL	0	5	0	2	3	36	5	11	69	131
Supervised IHCs	6	173	185	94	2	9	15	60	298	842
TOTAL	65	891	537	443	25	96	76	253	1139	3525

There was 8.9% increase in the staff strength of CBCHS. The number of administrative and clerical staff decreased in 2016 while the rest of the cadre increased.

Table 4.1 Outpatient Attendance

SN	INSTITUTION	2015	2016	CHANGE IN NUMBERS	% CHANGE
1	BBH	99,538	90,758	(8,780)	-8.8
2	MBH	93,040	93,964	924	1
3	BHM	110,188	120,286	10,098	9.2
4	BHB	11,613	9,808	(1,805)	-15.5
5	MBHD	238,664	223,343	(15,321)	-6.4
6	DBH	5,273	4,823	(450)	-8.5
7	EBH	128,674	141,433	12,759	9.9
8	Supervised IHCs	432,811	418,672	(14,139)	-3.3
	TOTAL	1,119,801	1,103,087	(16,714)	-1.5

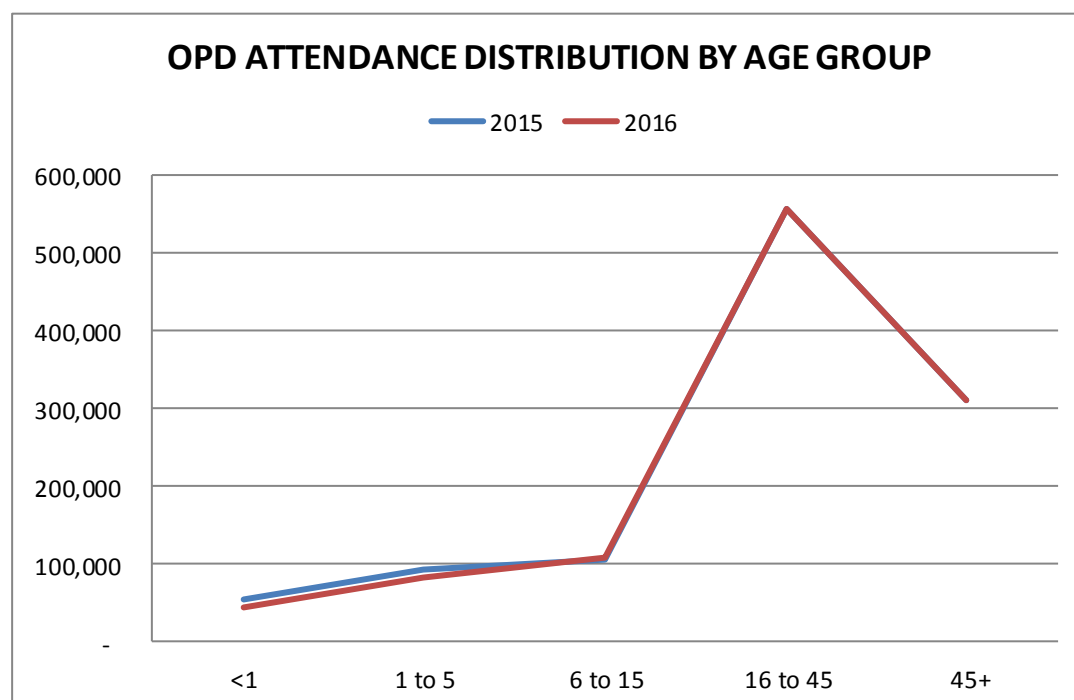
There was a 1.5% decrease in the CBCHS outpatient attendance of 2016. This decrease was largely contributed to by Mboppi and Bansa Baptist Hospitals and the supervised health centers put together. The patient uptake at Mbongo Baptist Hospital seems to be stabilizing. It is clear that the leadership tussle in the fondom contributed to significant decrease in the service uptake of Bangolan Baptist health Center thus the major contributor of the decrease in supervised health centers put together, the main factors influencing the decline at Bansa and Mboppi need to be clearly established and circumvented.

Table 4.2 Distribution of Outpatient by Gender

SN	GENDER	2015	2016	CHANGE IN NUMBERS	% CHANGE
1	Male	442,633	435,611	(7,022)	-1.6
2	Female	677,168	667,476	(9,692)	-1.4
	TOTAL	1,119,801	1,103,087	(16,714)	-1.5

Generally, more females utilized the services at CBCHS institutions than males in 2016.

Figure 1 Distribution of Outpatient Attendance by Age Group



There is a similar trend in the age group distribution of patients served on outpatient basis in 2015 and 2016.

Table 5.1 Five Health Centers with Highest OPD Attendance in 2015 and 2016

SN	2015		2016	
	Health Center	Attendance	Health Center	Attendance
1	NKWEN	145,538	NKWEN	144,754
2	KUMBA	69,671	KUMBA	74,416
3	BAFOUSSAM	34,171	EKOUNOU	35,690
4	EKOUNOU	33,093	BAFOUSSAM	35,288
5	NDU	16,422	NDU	18,195

The five health centers in the list of centers with highest outpatient attendance of 2015 were retained in 2016. Although Nkwen Baptist Health Center remained on top of the list, their service uptake reduced in 2016 while there was an increase in service utilization in the rest of the centers in this list.

Table 5.2 Five Health Centers with Lowest OPD Attendance in 2015 and 2016

SN	2015		2016	
	Health Center	Attendance	Health Center	Attendance
1	BAYANGAM	2210	KOUSSAM	1723
2	KOUSSAM	2504	NDEBAYA	2082
3	NDEBAYA	2578	BAYANGAM	2181
4	KWIGHE	2595	ALLAT	2294
5	AKEH	2743	AKEH	2471

In 2016, Kwighe Baptist Health Center was replaced by Allat Baptist Health Center in the list of five centers with the lowest outpatient uptake. The service uptake of the four other centers that were retained in the list further decreased in 2016.

Table 6.1 – Admissions by Institutions and by Wards

HOSPITAL	MATERNITY	PEDIATRIC	SURGICAL	MEDICAL	TOTAL	%
BBH	1,406	1,580	1,360	3,716	8,062	14
MBH	1,073	1,182	4,851	5,612	12,718	23
BHM	1,114	919	2,208	1,814	6,055	11
MBHD	3,440	1,967	1,530	1,974	8,911	16
BHB	226	215	144	513	1,098	2
DBH	140	187	-	387	714	1
EBH	-	-	-	-	-	-
Supervised IHCs	3,857	5,030	-	9,642	18,529	33
TOTAL	11,256	11,080	10,093	23,658	56,087	100
%	20	20	18	42	100	

Table 6.2 Admissions of 2016 Compared to 2015

SN	UNIT	2015	2016	CHANGES IN NUMBERS	% CHANGE
1	Maternity	10,733	11,256	523	4.9
2	Paediatric	12,031	11,080	(951)	-7.9
3	Surgical	9,114	10,093	979	10.7
4	Medical	23,524	23,658	134	0.6
	Total	55,402	56,087	685	1.2

Compared to 2015, there was 1.2% increase in admissions in the CBCHS institutions in 2016. But for the pediatric wards whose admissions decreased, the other wards experienced an increase in 2016.

Table 6.3 Bed Occupancy Rate of 2016 Compared to 2015

SN	INDICATOR	2015	2016	CHANGES IN NUMBERS	% CHANGE
1	Number of beds	1,570	1,583	13	0.8
2	Number of hospital days	245,318	260,251	14,933	6.1
3	Average length of stay	4	5	0	0.2
4	Bed occupancy rate	43	45	2	2.2
5	Mortality rate	3	3	0	0.2

Table 6.3 Bed Occupancy Rate by Institution

SN	INDICATOR	BBH	MBH	BHM	BHB	MBHD	DBH	Supervise d IHCs	Total
1	Number of beds	303	295	120	44	136	36	649	1,583
2	Number of admissions	8,062	12,718	6,055	1,098	8,911	714	18,529	56,087
3	Number of hospital days	62,141	72,970	28,719	4,846	37,635	2399	51,541	260,251
4	Average length of stay	7.7	5.7	4.7	4.4	4.2	3.4	3	4.6
5	Bed occupancy rate	56.2	67.8	65.6	30.2	75.8	18.3	22	45
6	Deaths	493	513	194	36	159	8	143	1546
7	Mortality rate	6.1	4.0	3.2	3.3	1.8	1.1	1	2.8

In 2016, the average length of stay at CBCHS institutions was 4.6 days. The average length of stay was much higher at BBH and MBH; because of surgical, orthopedic and ulcer ward patients. The crude bed occupancy rate of 2016 in CBCHS institutions was 45 %. There is a lot of underutilization of beds at DBH and in the supervised health centers put together.

Table 7 Patients Flow Per Department for 2016 Compared to 2015

SN	DEPARTMENTS	2015	2016	CHANGE IN NUMBERS	% CHANGE
1	Eye	114,615	123,992	9,377	8.2
2	X-Ray	26,199	27,778	1,579	6
3	Physiotherapy	41,803	42,064	261	0.6
4	Ultra-Sound	48,394	53,582	5,188	10.7
5	Dental	47,101	46,705	(396)	-0.8
6	Laboratory	453,267	469,953	16,686	3.7
7	Pharmacy	739,994	783,401	43,407	5.9
8	Chaplaincy	44,836	42,617	(2,219)	-4.9
9	Social workers	25,103	26,738	1,635	6.5
10	Patients served by doctors	217,998	254,272	36,274	16.6
11	Patients served by screeners	609,297	530,318	(78,979)	-13
12	Nutrition	25,829	26,571	742	2.9
13	Women Health Program	11118	9137	(1,981)	-17.8

The dental, screeners, chaplaincy and WHP saw fewer patients in 2016 than in 2015. There was an increase in the workload of the rest of the departments. The reduction in WHP service uptake is a consequence of reduced outreach activities.

Table 8 Departmental Patient Flow By Hospitals and IHCs

DEPARTMENT	BBH	MBH	BHM	BHB	DBH	MBHD	EBH	IHCs	TOTAL
Eye	11,752	12,537	15,632	544	264	26,561	19,439	37,263	123,992
X-ray	6,960	11,936	4,206	1,286	-	3,390	-	-	27,778
Physiotherapy	6,258	10,467	3,931	708	-	6,527	3,105	11,068	42,064
Ultra-sound	7,385	14,903	5,541	1,396	-	13,476	4,725	6,156	53,582
Dental	5,869	2,697	3,723	420	-	6,048	11,663	16,285	46,705
Laboratory	58,609	56,299	39,445	6,754	2,014	85,080	58,841	162,911	469,953
Pharmacy	67,321	80,847	88,663	8,781	3,661	173,089	103,259	257,780	783,401
Chaplaincy	12,179	9,068	2,476	945	531	1,332	797	15,289	42,617
social workers	3,402	7,054	5,114	-	6	3,581	2,438	5,143	26,738
Patients seen by doctors	15,053	32,642	55,683	1,000	273	91,313	19,395	38,913	254,272
Patients seen by screeners	18,797	60,752	29,107	7,356	4,308	132,055	49,852	228,091	530,318

Table 9.1 Mother and Child Health (MCH) for 2016 Compared to 2015

ACTIVITY	2015	2016	CHANGE IN NUMBERS	% CHANGE
Antenatal Clinic	73,922	71,600	(2,322)	-3.1
Family Planning	10,821	10,040	(781)	-7.2
Infant Welfare Clinic	50,975	51,075	100	0.2
Preschool Clinic	5,766	5,335	(431)	-7.5
Total	141,484	138,050	(3,434)	-2.4

There was a 2.4% decrease in preschool uptake. However, there was a small increase in the uptake of infant welfare services.

Table 9.2 Deliveries for 2016 Compared to 2015

DELIVERIES	2015	2016	CHANGE IN NUMBERS	% CHANGE
Total delivery	9,818	9,948	130	1.3
Live birth	9,350	9,736	386	4.1
Pre-term	327	272	(55)	-16.8
NEOD	74	78	4	5.4
BBA	77	56	(21)	-27.3
SB	181	133	(48)	-26.5
AB	646	724	78	12.1

There was an increase in deliveries in 2016. There was a desired decrease in the number of preterm, births before arrival and still births. However, neonatal deaths and abortions increased.

Table 9.3 Abortions by Category

SN	INSTITUTIONS	TOTAL ABORTIONS	SPONTANEOUS	INDUCED	CRIMINAL
1	BBH	69	65	0	4
2	MBH	226	129	75	22
3	BHM	88	74	0	14
4	DBH	0	0	0	0
5	MBHD	28	28	0	0
6	BANYO	8	3	3	2
7	EBHY	68	51	13	4
8	Supervised IHCs	237	177	12	48
	TOTAL	724	527	103	94
	%	100%	73%	14%	13%

Most (73%) of the reported abortions were spontaneous while a similar proportion were induced or criminal. Some clients are likely to provoke abortion before arrival at the facility and will not disclose and so some criminal abortions will present as spontaneous.

Table 10 Immunization for 2016 Compared with 2015

SN	VACCINE	2015	2016	CHANGE IN NUMBERS	% CHANGE
1	MENINGITIS	593	547	-46	-7.8
2	BCG	10520	9418	-1102	-10.5
3	DPT/PENTA	25381	23892	-1489	-5.9
4	POLIO	35448	33195	-2253	-6.4
5	TETANUS	20666	21168	502	2.4
6	MEASLES	7327	7038	-289	-3.9
7	PNEUMOCOCCAL VACCINE	NA	23557	NA	NA
8	ROTARIX	NA	15142	NA	NA
9	IPV	NA	6258	NA	NA
10	VIT A	NA	19834	NA	NA
11	YELLOW FEVER	NA	6786	NA	NA
12	HPV	NA	489	NA	NA
13	OTHERS	18711	NA	NA	NA
	TOTAL	118,646	167,324	48,678	41

In July 2016, following the Health Board's recommendation, the reporting tools were revised to disaggregate the huge number of immunizations that were reported the category of others into their specific categories. Generally, there was an increase in the uptake of immunization activities

Table 11 Surgeries

SN	SURGERY	2015	2016	CHANGE IN NUMBERS	% CHANGE
1	MINOR	38,662	41,567	2,905	7.5
2	MAJOR	10,231	10,195	(36)	-0.4
	Total	48,893	51,762	2,869	5.9

Major surgeries decreased in 2016 while minor surgeries increased

Table 12 Distribution of Surgeries by Institution

Institution	Surgery Type		Total
	Minor	Major	
BBH	7,265	1,842	9107
MBH	5,418	4,312	9730
BHM	5,105	2,394	7499
MBHD	4,861	1,438	6299
BHB	337	189	526
DBH	206	20	226
EBH	1,231	-	1231
Other Institutions	17,144	-	17144
TOTAL	41,567	10,195	51,762

MBH continues to be the hospital with the greatest number of surgeries conducted, and this is influenced by the presence of the PAACS program there.

Table 13 Notifiable Diseases

DISEASES	2015	2016	CHANGE IN NUMBERS	% CHANGE
Neonatal tetanus	4	6	2	50
Leprosy	11	13	2	18.2
Yellow fever	22	19	-3	-13.6
Cerebrospinal meningitis	306	35	-271	-88.6
Human rabies	10	1	-9	-90
Tuberculosis	1,483	1424	-59	-4
Cholera	0	0	0	-
Typhoid fever	2,397	2659	262	10.9
Poliomyelitis	0	0	0	-
Measles	103	15	-88	-85.4

But for the number of neonatal tetanus, leprosy and typhoid fever that increased in 2016, the rest of the diseases of epidemic potential decreased.

Table 14 HIV Prevalence

Type of Clients	2015		2016		% Change
	# Screened	% HIV+	# Screened	%HIV+	
Blood donors	6836	2.2	8601	1.3	-0.9
Patients	49449	11.5	70945	8.7	-2.8
PMTCT	105497	3.0	199633	2.9	-0.1

Relative to 2015, there was a decrease in 2016 in the reported HIV prevalence rate of all categories of clients including blood donors, PMTCT and hospitalized patients.

Table 15 Deaths

Wards	2015	2016	CHANGE IN NUMBERS	% Change
Paediatric	253	248	-5	-2
Surgical	163	203	40	24.5
Maternal	5	6	1	20
Medical	979	1073	94	9.6
Trauma	10	16	6	60
TOTAL	1410	1546	136	9.6

Other than deaths by children that decreased in 2016, the other categories of deaths increased. Leading to a general increase in deaths in 2016.

Table 15 Ten Leading Diseases for 2015 and 2016

SN	2015		2016	
	DISEASE	CASES	DISEASE	CASES
1	Malaria	63429	Hypertension	37974
2	Hypertension	43636	Malaria	30779
3	URTI/LRTI	26487	Gastritis/PUD	17380
4	Conjunctivitis	26249	Diabetes Mellitus	17118
5	Gastritis/PUD	22885	Conjunctivities	16666
6	Diabetes Mellitus	19906	URTI/LRTI	14480
7	Musculoskeletal pain (MSKP)	16658	Musculoskeletal pain (MSKP)	13715
8	Cystitis/UTI	14443	HIV and AIDS	9667
9	HIV and AIDS	13913	Cystitis/UTI	9665
10	GE/Diarrhea	12298	Glaucoma	8835

Malaria and hypertension continue to top the list of leading diseases. Generally, there was a decrease in its magnitude of the leading diseases in 2016. GE/Diarrhea were displaced from the list of ten leading diseases in 2016 in favour of Glaucoma.

Table 17 Ten Leading Causes of Death

SN	2015		2016	
	DISEASE	CASES	DISEASE	CASES
1	AIDS	149	AIDS	135
2	Malaria	89	Pneumonia	119
3	Septicaemia	86	Cancers/ Tumors	114
4	Congestive Heart Failure (CHF)	76	Malaria	92
5	Pneumonia	68	Septicaemia	90
6	Cancers/ Tumors	65	Congestive Heart Failure (CHF)	86
7	Hypertension	60	Tuberculosis	74
8	Anaemias	57	Anaemias	70
9	Meningitis	56	Hypertension	68
10	Renal failure	37	Meningitis	66

AIDS continues to be on top of the list of leading killer diseases although the trend is decreasing. In 2016, renal failure was displaced by tuberculosis from the list of ten leading causes of death.

Table 18 HIV Care and Treatment Program Work Load

SN	SITE	ART INITIATION		% CHANGE	CURRENT ON ART		% CHANGE
		2015	2016		2015	2016	
1	BBH	539	555	3	4,375	2653	-39.4
2	MBH	250	292	16.8	1,477	1415	-4.2
3	BHM	589	639	8.5	3,874	3135	-19.1
4	NKWEN	524	587	12	5,063	3315	-34.5
5	MBOPPI	538	1002	86.2	4,584	3689	-19.5
6	EBHY	NA	399	NA	NA	1567	NA
	TOTAL	2,440	3,474	42.4	19,373	15,774	-18.6

In 2016, a total of 3474 HIV positive individuals were newly initiated on ART in the six CBCHS care and treatment centers. This represents an increase of 43.4% compared to the initiations of 2015. This increase

was due to the change in national recommendations to test and treat. At the end of 2016, there were a total of 15,794 clients on ART. Compared to 2015, the number of clients on ART dropped by 18.6%. This decrease is due to the creation of many treatment centers and clients had to transfer to centers closer to their residences. We anticipate that this adjustment will bridge the access gap due to distance and contribute to improve on compliance to appointments, hence adherence to drugs.

Table 19 Evolution of CBCHB PMTCT Activities

Indicator / Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	TOTAL
Number of sites	5	9	58	89	115	180	250	374	391	427	403	453	742	772	709	1052	662	NA
Total # of women counseled	1,469	4,049	12,624	22,043	30,822	47,571	62,154	79,388	94,505	100,055	103,388	101,960	132,070	125,363	110,352	195,782	216,698	1,440,293
Total # of women tested	1,391	3,849	11,536	20,537	27,641	42,125	58,031	76,132	91,270	97,643	100,555	101,960	131,640	125,406	108,601	180,498	206,700	1,385,515
Total # of women who return for results	1,343	3,841	11,422	20,229	27,063	40,344	57,312	75,015	89,531	97,137	99,970	99,651	129,956	124,389	108,560	178,943	206,700	1,371,406
Total # of women Positive	146	384	1,100	1,613	2,530	3,594	4,962	5,838	6,118	5,755	5,578	5,563	6,871	5,900	3,711	7,543	13,828	81,034
Total # of women treated	55	143	456	531	1,004	2,577	3,903	5,356	4,969	5,349	8,530	8,172	6,656	4,837	3,317	6,625	12,036	74,516
Total # of infants treated	55	145	434	548	913	1,411	2,203	2,551	3,124	3,554	3,912	3,728	5,297	4,898	4,007	6,967	4,517	48,264
% return for results	96.5	99.8	99	98.5	97.9	95.8	98.8	98.5	99	99.5	99.4	97.7	98.7	99.2	100.0	99.1	100.0	99.0
% HIV positive	10.5	10	9.5	7.9	9.2	8.5	8.6	7.7	6.3	5.9	5.5	5.5	5.2	4.7	3.4	4.2	6.7	5.8
% of women treated	37.7	37.2	41.5	32.9	39.7	71.7	78.7	77.4	88	92.9	73.9	70.2	96.9	82	89.4	87.8	87.0	92.0
% of infants treated	37.7	37.8	39.5	34	36.1	39.3	44.4	43.7	54	61.8	70.1	67	77.1	83	94	92.4	32.7	59.6
% MTCT-PCR	-	-	-	-	17.8	-	-	-	-	-	13.3	14.6	11.6	6.7	6.5	6.5	4.5	NA

The major funder of PMTCT services – CDC/PEPFAR pivoted, dropping many low volume PMTCT sites. However, the uptake of services did not reduce. An increase in positivity rate and a decrease in infant treatment rate was observed which could be influenced by the pivoting. Investigations will be made to establish concrete explanations to this trends.

Table 20 CBCHS Tuberculosis Activities

Indicators	2015	2016	CHANGE IN NUMBERS	% CHANGE
Total # of TB patients	1,265	1,272	7	0.6
Number screened for AFB	8,810	8,008	(802)	-9.1
Number of pulmonary TB	1,015	942	(73)	-7.2
Number of Smear Positive	886	816	(70)	-7.9
Number of Smear Negative	122	134	12	9.8
Number of Extra Pulmonary TB	255	322	67	26.3
Number tested For HIV	1,261	1,270	9	0.7
Acceptance rate	99.7	99.8	0	0.1
Number tested HIV+	608	561	(47)	-7.7
% of Co-infection	48.2	44.2	(4)	-8.3

There was a decrease in the number of patients screened for TB in 2016. The TB/HIV co-infection rate decreased by 8.3%

Table 21 Evolution of Activities of Extended Forum of Care

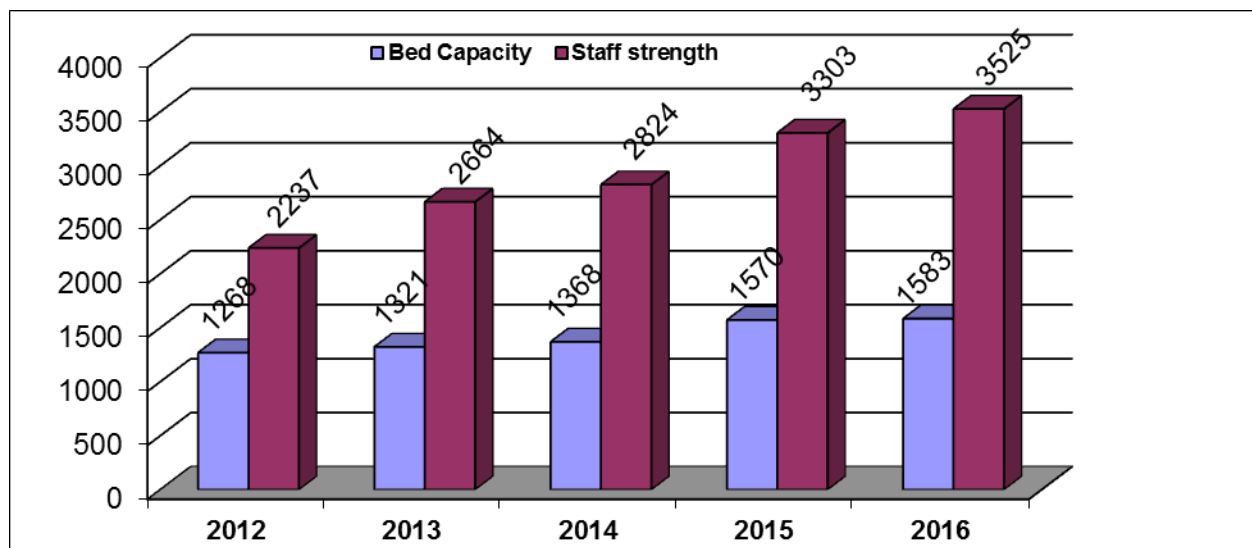
Year	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	TOTAL	%
Index Persons	227	1,610	2,174	2,587	2,058	2,409	2,439	3030	2193	5306	24,033	
Contact Persons	278	1,701	2,384	2,812	2,476	3,041	2,710	3283	2372	6352	27,409	114.0
Contact Persons Notified	167	1,309	1,742	2,184	1,416	1,627	1,336	1981	1105	4724	17,591	64.2
Contact Persons Tested	110	1,004	1,477	1,681	808	1139	863	1339	781	4065	13,267	75.4
Contact Persons With HIV ⁺	55	557	688	969	446	588	470	592	399	1578	6,342	47.8
CPs Linked to Care & Treatment	0	37	90	633	302	587	473	591	399	1423	4,535	71.5

Table 22 Statistics of Burkitt Lymphoma/Childhood Cancer Service

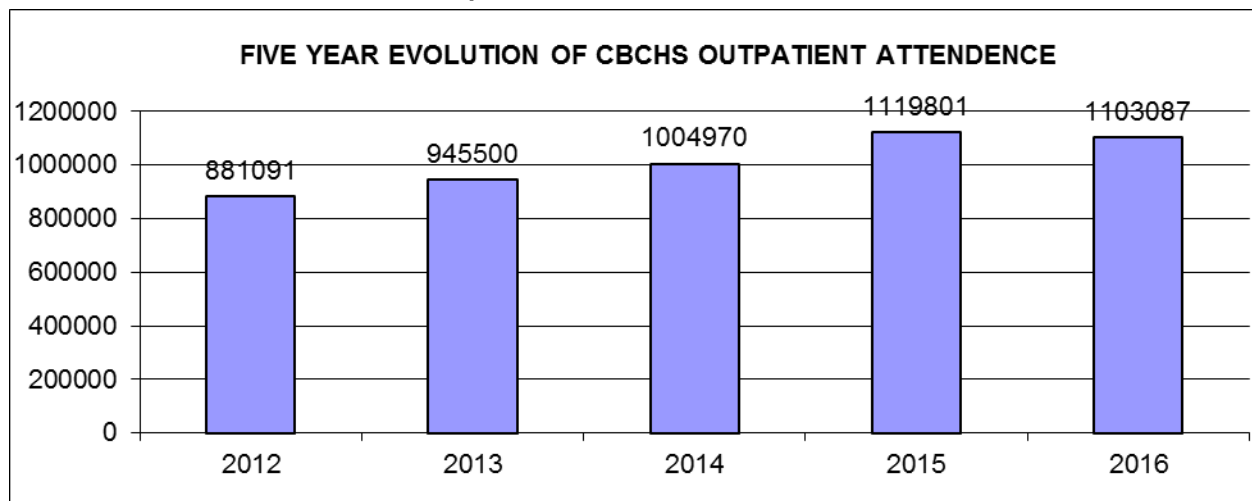
TYPE	BBH			BBH			BBH			BBH		
	2014	2015	2016	2014	2015	2016	2014	2015	2016	2014	2015	2016
Burkitts Lymphoma	26	23	8	23	21	25	12	16	14	61	60	47
Wilms Tumour	1	0	0	9	11	14	0	0	0	10	11	14
Retinoblastoma	0	0	0	18	18	15	3	5	2	21	23	17
Kaposi Sarcoma	0	1	0	1	2	0	1	0	0	2	3	0
Rhabdomyosarcoma	0	0	1	5	1	2	0	0	0	5	1	3
Hodgkin lymphoma	0	0	0	3	2	2	0	0	0	3	2	2
NHL other	1	0	1	3	4	3	0	0	0	4	4	4
Leukaemia	0	0	0	2	3	4	0	0	0	2	3	4
Hepatic Carcinoma	0	0	0	1	1	0	0	0	0	1	1	0
Colonic cancer	0	0	0	0	0	2	0	0	0	0	0	2
Osteosarcoma	0	0	1	0	2	1	0	0	0	0	2	2
Teratoma	0	0	0	0	0	1	0	0	0	0	0	1
Parotid tumour	0	0	0	1	0	0	0	0	0	1	0	0
Histiocytosis	0	0	0	0	1	0	0	0	0	0	1	0
Neuroblastoma	0	0	0	0	1	0	0	0	0	0	1	0
Mesoblastoma	0	0	0	1	0	0	0	0	0	1	0	0
TOTAL	28	24	11	67	67	69	16	21	16	111	112	96

ANNEX – FIVE YEARS EVOLUTION OF CBCHS KEY ACTIVITIES

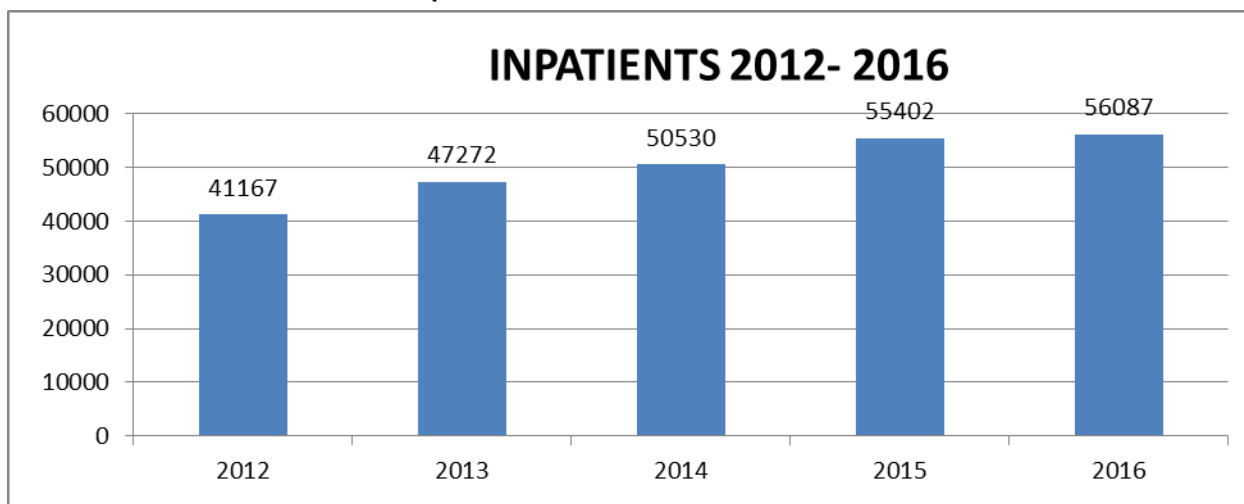
Annex 1- Five Year Evolution of Number of Beds and Staff



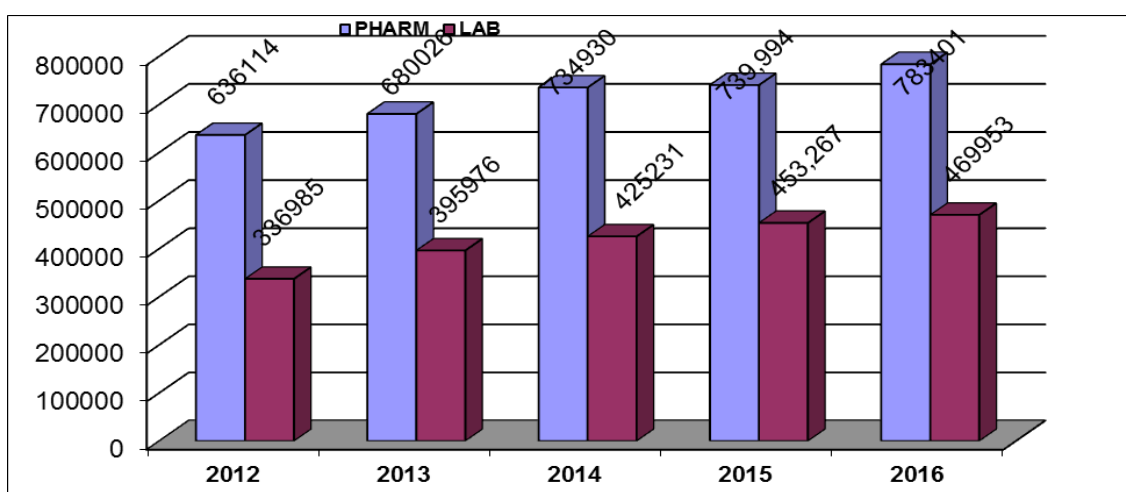
Annex 2 – Five Year Evolution of Outpatient Attendance



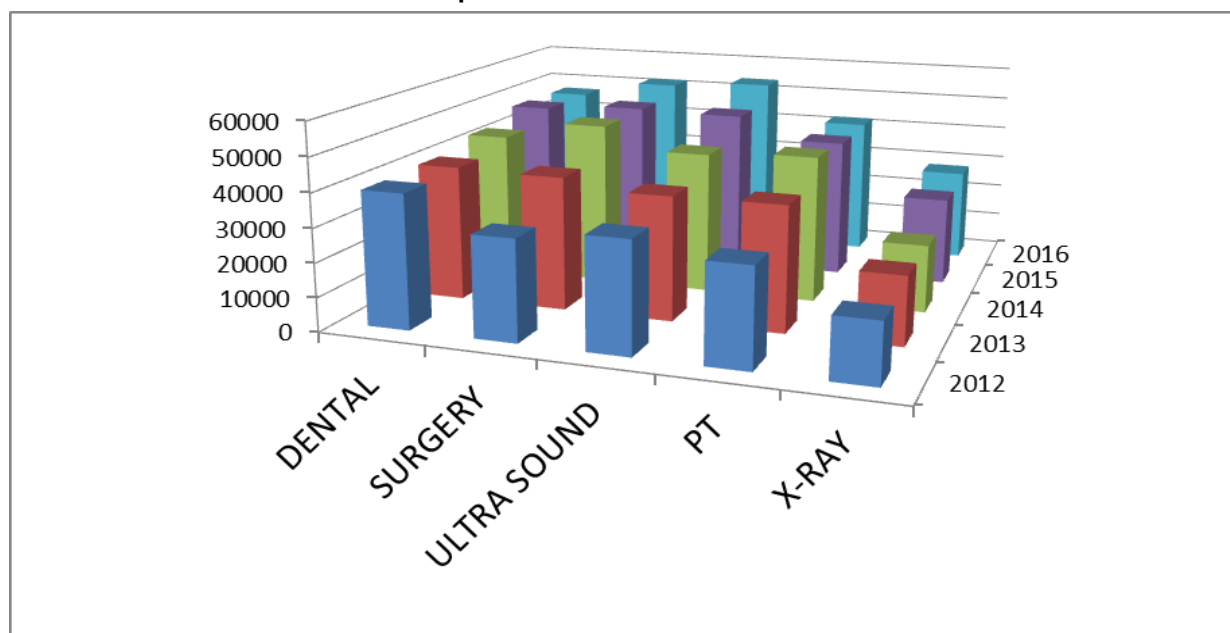
Annex 3- Five Year Evolution of Inpatients Attendance



Annex 4- Five Year Evolution of Pharmacy and Laboratory Work Load



Annex 5- Five Years Evolution of Department Work Load



19. Conclusion

The outpatient service uptake declined while the inpatient service uptake continues to increase. Knowing the factors contributing to the decrease in outpatient attendance and making adjustments to control these factors are critical ways to improve on uptake of services. This will be followed up in 2017. We are thankful to the Lord for leading our dedicated staff and for renewing their strength to sustain the services. The staff worked happily delivering quality care to all with compassion. We enjoy the support of many national and international partners without which we could not have achieved all these results. We are thankful to all Health Board Executive members for their support and encouragement. The Board is thankful to all the staff of the CBCHS for their commitment to its Mission Statement as evident in the successes recorded.

Appendix 1 – Bed Capacity and Staff Strength

SN	NAME	BED CAPACITY					PERSONNEL																			NURSES														
		MEDICAL	MATERNITY	PEDIATRIC	SURGICAL	TOTAL	DOCTORS		NURSES		AUXILIARIES		PARAMEDICALS		ADMINISTRATORS		ADMINISTRATIVE STAFF		CHAPLAINS		OTHER SUPPORT STAFF		CASUAL STAFF		TOTAL		GRAND TOTAL	NP/BSN/RSN		BREVETE/APNA		NURSE ASSISTANT/ NURSING		NURSE MIDWIFE/ MIDWIFE		WARD AUXILIARY		TOTAL		GRAND TOTAL
							M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F	
		754	381	230	218	1583	86	41	307	756	135	247	303	337	16	4	72	90	33	34	635	535	118	105	1705	2149	3854	81	191	93	185	139	414	28	85	97	191	438	1066	1504
1	BANSO BAPTIST HOSPITAL	161	38	45	59	303	8	4	63	194	21	32	51	52	2	1	7	7	6	5	132	73	2	1	292	369	661	17	45	17	64	31	97	3	28	21	32	89	266	355
2	BANGOLAN BAPTIST HEALTH CENTER	26	19	0	0	45	0	0	2	8	1	9	0	0	0	0	2	3	1	0	6	8	0	1	12	29	41	0	0	3	2	4	10	1	2	1	7	9	21	30
3	JIKIJEM BAPTIST HEALTH CENTER	19	15	6	0	40	0	0	1	6	0	2	3	4	0	0	1	1	1	0	6	6	0	1	12	20	32	0	0	2	1	0	4	0	2	0	2	2	9	11
4	KOUHOUAT BAPTIST HEALTH CENTER	15	4	8	0	27	0	0	2	4	2	3	4	1	0	0	3	2	1	1	5	4	1	1	18	16	34	0	0	1	2	2	1	1	1	3	3	7	7	14
5	LASSIN BAPTIST HEALTH CENTER	8	7	6	0	21	0	0	1	4	0	2	2	0	0	0	1	0	0	0	4	0	2	1	10	7	17	0	0	1	1	1	3	1	0	0	1	3	5	8
6	NDU BAPTIST HEALTH CENTER	21	14	7	0	42	1	0	3	8	2	8	2	5	0	0	0	2	0	1	10	6	1	0	19	30	49	0	0	4	4	3	4	0	2	2	3	9	13	22
7	NGEPTANG BAPTIST HEALTH CENTER	12	8	0	0	20	0	0	1	5	1	5	2	1	0	0	1	0	0	0	3	2	1	1	9	14	23	0	0	1	2	0	3	0	0	0	3	1	8	9
8	NGOUNSO BAPTIST HEALTH CENTER	35	17	8	0	60	1	0	10	11	3	5	7	1	0	0	1	1	1	0	10	10	3	8	36	36	72	1	1	2	3	3	7	1	4	2	2	9	17	26
9	ROMKONG BAPTIST HEALTH CENTER	6	8	6	0	20	0	0	0	1	1	4	0	2	0	1	1	1	0	0	5	0	0	0	7	9	16	0	0	1	2	1	3	1	1	1	4	4	10	14
10	NWAT BAPTIST HEALTH CENTER	18	7	0	0	25	0	0	1	2	5	1	2	2	0	0	1	0	0	0	3	4	2	0	14	9	23	0	0	1	0	3	1	0	1	3	1	7	3	10
11	KOUSSAM BAPTIST HEALTH CENTER	6	4	3	0	13	0	0	2	2	5	1	2	1	0	0	1	0	0	0	2	1	1	3	13	8	21	0	0	1	2	2	1	0	0	4	0	7	3	10
12	NDONGA BAPTIST HOSPITAL-MBEM	20	16	0	0	36	0	0	2	4	2	0	3	0	1	0	1	0	1	0	7	5	5	0	22	9	31	0	0	2	1	2	2	1	1	3	3	8	7	15
13	MBINGO BAPTIST HOSPITAL	154	24	26	91	295	41	9	60	148	24	32	57	50	3	0	3	8	5	5	147	135	22	7	362	394	756	26	27	10	37	23	83	1	6	24	32	84	185	269
14	AKEH BAPTISH HEALTH CENTER	4	5	4	0	13	0	0	1	0	2	4	2	1	0	0	1	0	0	0	3	3	0	0	9	8	17	1	0	1	0	0	1	0	0	0	3	2	4	6
15	BAFOUSSAM BAPTIST HEALTH CENTER	4	4	0	0	8	1	1	11	9	2	5	8	6	0	0	2	5	1	0	12	16	0	0	37	42	79	0	0	0	0	0	0	0	0	0	0	0	0	0
16	BELO BAPTIST HEALTH CENTER	12	29	14	0	55	0	0	1	6	2	5	1	2	1	0	1	0	0	6	6	1	0	12	20	32	0	0	1	2	0	2	0	2	0	2	5	3	11	14
17	FINKWI BAPTIST HEALTH CENTER	20	8	4	0	32	0	0	2	2	2	5	2	3	0	0	1	1	0	0	4	4	0	2	11	17	28	0	0	3	0	0	2	0	1	1	3	4	6	10
18	KWIGHE BAPTIST HEALTH CENTER	12	7	5	0	24	0	0	1	1	2	3	1	1	0	0	0	1	0	0	3	4	0	3	7	13	20	0	0	0	1	1	1	1	0	0	2	2	4	6
19	ASHONG BAPTIST HEALTH CENTER	13	4	4	0	21	0	0	2	4	2	3	1	3	0	0	1	0	0	1	2	4	2	2	10	17	27	0	0	0	1	2	3	1	0	0	2	3	6	9
20	NKWEN BAPTIST HEALTH CENTER	0	0	0	0	0	1	2	2	31	4	25	8	46	1	0	1	12	1	1	28	31	3	8	49	156	205	2	6	1	13	4	25	0	2	4	25	11	71	82
21	SABGA BAPTIST HEALTH CENTER	10	4	5	0	19	0	1	3	1	2	4	1	2	0	0	1	0	1	6	6	2	1	0	15	16	31	0	0	1	0	2	1	0	1	1	4	4	6	10
22	BAYANGAM BAPTIST HEALTH CENTER	6	4	0	0	10	0	0	1	2	1	2	0	0	1	0	1	0	0	0	3	4	0	0	7	8	15	0	0	1	0	0	1	0	0	0	0	1	1	2
23	MAMFE BAPTIST HEALTH CENTER	4	2	5	0	11	0	0	4	5	2	5	5	3	0	0	1	0	0	1	0	0	0	1	12	15	27	1	2	0	2	3	3	1	3	0	0	5	10	15
24	NDEMBAYA BAPTIST HEALTH CENTER	8	5	0	0	13	0	0	3	0	1	0	2	0	0	0	1	0	0	0	4	1	6	1	17	2	19	0	0	1	0	2	0	0	0	0	0	3	0	3
25	BANYO BAPTIST HOSPITAL	20	9	7	8	44	2	0	9	13	3	7	11	3	1	0	1	1	1	0	16	6	6	1	50	31	81	1	1	1	2	9	10	4	2	4	8	19	23	42
26	ALLAT BAPTIST HEALTH CENTER	8	5	6	0	19	0	1	5	1	5	5	2	1	1	0	1	0	4	1	7	2	1	1	26	12	38	1	0	2	2	2	1	1	1	1	1	7	5	12
27	SARKI BAKA BAPTIST HEALTH CENTER	7	5	7	0	19	0	0	3	2	1	2	2	1	0	0	1	0	0	0	5	1	3	2	15	8	23	0	0	1	0	2	2	1	0	2	1	6	3	9
28	NYAMBOYA BAPTIST HEALTH CENTER	17	6	6	0	29	0	0	2	5	1	3	2	2	0	0	2	0	0	0	7	1	3	1	17	12	29	0	0	0	1	2	2	1	0	1	3	4	6	10
29	BAPTIST HOSPITAL MUTENGENE	54	21	10	35	120	11	7	33	83	9	25	35	38	2	1	7	3	5	3	57	33	25	7	184	200	384	5	42	11	13	4	38	1	8	9	25	30	126	156
30	EKOUNOU BAPTIST HEALTH CENTER	0	0	0	0	0	1	1	1	7	2	2	3	12	0	0	2	1	1	0	19	12	5	3	34	38	72	0	5	1	1	0	4	0	2	2	2	3	14	17
31	ETOUG-EBE BAPTIST HEALTH CENTER	0	0	0	0	0	5	4	7	31	8	17	20	30	1	0	6	6	0	1	29	39	3	6	79	134	213	5	16	2	4	0	18	1	4	0	2	8	44	52
32	KUMBA BAPTIST HEALTH CENTER	4	14	3	0	21	1	1	4	22	1	2	11	15	0	0	1	4	1	1	21	39	4	13	44	97	141	1	5	0	5	2	11	1	3	1	2	5	26	31
33	VOUDOU BAPTIST HEALTH CENTER	5	4	0	0	9	0	0	2	4	0	0	5	0	0	0	2	1	0	0	2	4	1	1	12	10	22	0	0	2	1	1	2	0	1	0	0	3	4	7
34	EKONDOTITI BAPTIST HEALTH CENTER	10	8	0	0	18	1	0	4	3	0	0	2	4	0	0	1	0	0	0	3	3	2	2	13	12	25	0	0	1	0	4	3	0	1	0	1	5	5	10
35	BAFIA BAPTIST HEALTH CENTER	7	8	0	0	15	0	0	1	3	2	2	2	2	0	0	4	0	0	0	4	0	2	2	15	9	24	0	0	1	0	1	3	0	0	0	1	2	4	6
36	MBOPPI BAPTIST HOSPITAL DOUALA	28	48	35	25	136	12	10	57	124	14	17	42	43	2	1	10	30	2	1	54	71	11	25	204	322	526	20	41	16	16	23	62	5	6	5	8	69	133	202
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		754	381	230	218	1583	86	41	307	756	135	247	303	337	16	4																								

Appendix 2- Outpatient attendance

SN	NAME	OUTPATIENTS ATTENDANCE															
		OLD	NEW	% NEW	<1		1-5		6-15		16-45		>45		TOTAL		GRAND TOTAL
					M	F	M	F	M	F	M	F	M	F	M	F	
		623260	455231	42.2	23690	21396	42429	40446	48761	58833	186555	369778	134176	177023	435611	667476	1103087
1	BANSO BAPTIST HOSPITAL	51313	33488	39.5	868	798	1515	1765	3258	3115	16403	30011	16033	16992	38077	52681	90758
2	BANGOLAN BAPTIST HEALTH CENTER	1668	6651	79.9	130	109	169	172	237	338	1098	3250	1059	1656	2693	5525	8218
3	JIKIJEM BAPTIST HEALTH CENTER	4251	3209	43	151	150	265	214	166	189	725	3342	819	1716	2126	5611	7737
4	KOUHOUAT BAPTIST HEALTH CENTER	3790	2743	42	150	104	243	246	248	273	930	2475	945	919	2516	4017	6533
5	LASSIN BAPTIST HEALTH CENTER	1168	1769	60.2	95	72	182	147	163	169	402	779	398	509	1240	1676	2916
6	NDU BAPTIST HEALTH CENTER	9462	8411	47.1	240	283	529	563	518	710	2562	4573	3317	4900	7166	11029	18195
7	NGEPTANG BAPTIST HEALTH CENTER	1830	1168	39	34	50	75	132	62	150	236	1241	269	553	676	2126	2802
8	NGOUNSO BAPITIST HEALTH CENTER	4989	4949	49.8	205	158	567	444	361	420	1324	3899	1019	1296	3476	6217	9693
9	ROMKONG BAPTIST HEALTH CENTER	2482	1463	37.1	83	92	107	110	106	87	491	1251	374	1108	1161	2648	3809
10	NWAT BAPTIST HEALTH CENTER	2590	1838	41.5	72	71	248	256	159	136	607	1746	440	608	1526	2817	4343
11	KOUSSAM BAPTIST HEALTH CENTER	1007	726	41.9	28	50	69	72	91	67	242	440	301	363	731	992	1723
12	NDONGA BAPTIST HOSPITAL-MBEM	2808	2013	41.8	332	256	230	117	126	147	497	1620	680	818	1865	2958	4823
13	MBINGO BAPTIST HOSPITAL	45902	48062	51.1	1107	1060	1957	1787	3879	3948	17497	21553	19504	21672	43944	50020	93964
14	AKEH BAPTISH HEALTH CENTER	1172	1299	52.6	47	58	108	124	98	120	368	690	342	516	963	1508	2471
15	BAFOUSSAM BAPTIST HEALTH CENTER	17327	17961	50.9	389	355	1532	1254	1350	1734	5649	9993	5093	7939	14013	21275	35288
16	BELO BAPTIST HEALTH CENTER	4206	3506	45.5	154	195	285	244	351	301	1470	2586	837	1289	3097	4615	7712
17	FINKWI BAPTIST HEALTH CENTER	4480	3155	41.3	152	136	257	241	280	302	858	2429	1174	1806	2721	4914	7635
18	KWIGHE BAPTIST HEALTH CENTER	1899	1361	41.7	44	27	46	80	67	110	312	1787	219	568	688	2572	3260
19	ASHONG BAPTIST HEALTH CENTER	2529	2693	51.6	92	79	180	197	293	297	976	1461	712	935	2253	2969	5222
20	NKWEN BAPTIST HEALTH CENTER	78322	66432	45.9	4288	4575	8255	8535	12511	14298	23515	30793	18442	19542	67011	77743	144754
21	SABGA BAPTIST HEALTH CENTER	3477	1844	34.7	69	67	152	122	161	189	711	1772	569	1509	1662	3659	5321
22	BAYANGAM BAPTIST HEALTH CENTER	1520	661	30.3	70	36	73	69	90	81	371	547	319	525	923	1258	2181
23	MAMFE BAPTIST HEALTH CENTER	1920	2156	52.9	49	43	126	112	251	265	528	916	757	1029	1711	2365	4076
24	NDEMBAYA BAPTIST HEALTH CENTER	929	1153	55.4	56	26	142	119	60	67	476	661	230	245	964	1118	2082
25	BANYO BAPTIST HOSPITAL	3901	5907	60.2	147	152	339	269	302	294	2060	3837	1562	846	4410	5398	9808
26	ALLAT BAPTIST HEALTH CENTER	1118	1222	52.2	59	56	146	139	166	168	402	812	206	140	979	1315	2294
27	SARKI BAKA BAPTIST HEALTH CENTER	1396	1496	51.7	58	58	197	150	129	146	552	1109	316	244	1252	1707	2959
28	NYAMBOYA BAPTIST HEALTH CENTER	1445	1840	56	59	81	174	159	145	194	577	1420	248	227	1203	2081	3284
29	BAPTIST HOSPITAL MUTENGENE	69024	50671	42.3	1479	1369	3503	3141	3846	5688	23719	39731	15069	22741	47616	72670	120286
30	EKOUNOU BAPTIST HEALTH CENTER	21318	14816	41	1147	740	2470	2220	2276	2521	6624	10608	3147	3937	15664	20026	35690
31	ETOUG-EBE BAPTIST HEALTH CENTER	79063	58074	42.3	4779	3052	6436	5830	6288	7895	23754	52864	11320	19215	52577	88856	141433
32	KUMBA BAPTIST HEALTH CENTER	32655	27463	45.7	2994	2855	4786	4710	3623	4085	12843	33886	2244	2390	26490	47926	74416
33	VOUDOU BAPTIST HEALTH CENTER	3462	3545	50.6	319	249	652	636	217	287	1343	2858	253	193	2784	4223	7007
34	EKONDOTITI BAPTIST HEALTH CENTER	1286	1893	59.5	80	54	251	213	152	175	619	1029	380	386	1482	1857	3339
35	BAFIA BAPTIST HEALTH CENTER	1927	1845	48.9	68	91	249	211	135	154	874	873	480	577	1806	1906	3712
36	MBOPPI BAPTIST HOSPITAL DOUALA	155624	67748	30.3	3596	3789	5914	5646	6596	9713	34940	90936	25099	37114	76145	147198	223343
		623260	455231	42.2	23690	21396	42429	40446	48761	58833	186555	369778	134176	177023	435611	667476	1103087

Appendix 3 - Maternity and Pediatric Admissions

SN	NAME	MATERNITY WARD													PEDIATRIC WARD												
		ADMISSIONS	HOSP DAYS	AV. STAY	<1		1-5		6-15		16-45		>45		ADMISSIONS	HOSP DAYS	AV. STAY	<1		1-5		6-15		16-45		>45	
					M	F	M	F	M	F	M	F	M	F				M	F	M	F	M	F	M	F	M	F
1	BANSO BAPTIST HOSPITAL	1406	9061	6	2	6	0	0	0	2	0	1354	0	12	1580	8420	5	203	196	281	272	337	272	0	0	0	0
2	BANGOLAN BAPTIST HEALTH CENTER	309	618	2	0	0	0	0	0	0	0	308	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
3	JIKIJEM BAPTIST HEALTH CENTER	340	972	3	0	0	0	0	0	0	0	340	0	0	123	363	3	14	15	19	28	19	17	0	0	0	0
4	KOUHOUAT BAPTIST HEALTH CENTER	138	415	3	0	0	0	0	0	0	0	138	0	0	446	1730	4	38	41	137	98	56	77	0	0	0	0
5	LASSIN BAPTIST HEALTH CENTER	89	254	3	0	0	0	0	0	0	0	89	0	0	192	462	2	12	5	46	32	35	65	0	0	0	0
6	NDU BAPTIST HEALTH CENTER	240	436	2	0	0	0	0	0	3	0	237	0	0	439	1245	3	24	27	109	105	89	77	0	0	0	0
7	NGEPTANG BAPTIST HEALTH CENTER	107	302	3	0	0	0	0	0	0	0	106	0	0	10	24	2	0	1	4	3	1	1	0	0	0	0
8	NGOUNSO BAPITIST HEALTH CENTER	350	922	3	0	0	0	0	0	6	0	344	0	0	942	2650	3	80	72	317	251	101	136	0	0	0	0
9	ROMKONG BAPTIST HEALTH CENTER	98	285	3	0	0	0	0	0	1	0	97	0	0	96	343	4	7	10	21	25	18	15	0	0	0	0
10	NWAT BAPTIST HEALTH CENTER	129	611	5	0	0	0	0	0	0	0	129	0	0	172	437	3	16	16	64	47	21	8	0	0	0	0
11	KOUSSAM BAPTIST HEALTH CENTER	36	109	3	0	0	0	0	0	0	0	42	0	0	145	318	2	7	16	40	42	16	16	0	0	0	0
12	NDONGA BAPTIST HOSPITAL-MBEM	140	408	3	2	1	0	0	0	0	0	135	0	2	187	637	3	24	24	30	31	36	42	0	0	0	0
13	MBINGO BAPTIST HOSPITAL	1073	3844	4	0	0	0	0	0	0	0	984	0	89	1182	5955	5	119	124	264	192	252	215	0	0	0	0
14	AKEH BAPTISH HEALTH CENTER	162	407	3	4	3	0	0	0	0	0	180	0	0	66	177	3	2	5	21	17	10	10	0	0	0	0
15	BAFOUSSAM BAPTIST HEALTH CENTER	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
16	BELO BAPTIST HEALTH CENTER	394	1179	3	0	0	0	0	0	1	0	393	0	0	249	1182	5	27	15	70	66	37	35	0	0	0	0
17	FINKWI BAPTIST HEALTH CENTER	140	382	3	0	0	0	0	0	0	0	138	0	2	218	614	3	8	11	36	51	56	56	0	0	0	0
18	KWIGHE BAPTIST HEALTH CENTER	66	203	3	0	0	0	0	0	0	0	62	0	0	93	299	3	11	10	25	13	12	21	0	0	0	0
19	ASHONG BAPTIST HEALTH CENTER	44	128	3	0	0	0	0	0	0	0	44	0	0	145	427	3	4	7	31	39	34	38	0	0	0	0
20	NKWEN BAPTIST HEALTH CENTER	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
21	SABGA BAPTIST HEALTH CENTER	101	278	3	0	1	0	0	0	0	0	100	0	0	216	597	3	12	12	56	37	44	53	2	0	0	0
22	BAYANGAM BAPTIST HEALTH CENTER	29	88	3	0	0	0	0	0	0	0	25	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
23	MAMFE BAPTIST HEALTH CENTER	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
24	NDEMBAYA BAPTIST HEALTH CENTER	37	105	3	0	0	0	0	0	0	0	39	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
25	BANYO BAPTIST HOSPITAL	226	818	4	1	0	0	0	0	30	19	176	0	19	215	744	3	19	16	67	49	29	35	0	0	0	0
26	ALLAT BAPTIST HEALTH CENTER	66	126	2	0	0	0	0	0	5	0	61	0	0	138	228	2	11	8	21	28	21	8	11	19	6	4
27	SARKI BAKA BAPTIST HEALTH CENTER	132	333	3	0	0	0	0	0	0	0	132	0	0	347	1041	3	16	22	111	101	46	51	0	0	0	0
28	NYAMBOYA BAPTIST HEALTH CENTER	154	301	2	0	0	0	0	2	4	0	152	0	0	366	906	2	24	45	125	66	55	41	6	0	0	0
29	BAPTIST HOSPITAL MUTENGENE	1114	5221	5	0	0	0	0	0	89	0	811	0	102	919	3206	3	99	105	179	187	180	173	0	0	0	0
30	EKOUNOU BAPTIST HEALTH CENTER	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
31	ETOUG-EBE BAPTIST HEALTH CENTER	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
32	KUMBA BAPTIST HEALTH CENTER	603	3000	5	0	0	0	0	0	2	0	429	0	0	484	752	2	60	56	141	121	49	68	0	0	0	0
33	VOUDOU BAPTIST HEALTH CENTER	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
34	EKONDOTITI BAPTIST HEALTH CENTER	40	127	3	0	0	0	0	0	0	0	40	0	3	5	13	3	1	1	0	0	0	0	0	3	0	0
35	BAFIA BAPTIST HEALTH CENTER	53	113	2	0	0	0	0	0	0	0	43	0	0	138	272	2	16	13	35	39	13	22	0	0	0	0
36	MBOPPI BAPTIST HOSPITAL DOUALA	3440	14169	4	7	6	0	0	0	0	0	3427	0	0	1967	8114	4	476	398	390	294	210	156	0	0	0	0
		11256	45215	4	16	17	0	0	2	143	19	10555	0	229	11080	41156	4	1330	1271	2640	2234	1777	1708	19	22	6	4

Appendix 4 – Surgical and Medical Admissions

SN	NAME	SURGICAL WARD												MEDICAL WARD													
		ADMISSIONS	HOSP DAYS	AV. STAY	<1		1-5		6-15		16-45		>45		ADMISSIONS	HOSP DAYS	AV. STAY	<1		1-5		6-15		16-45		>45	
					M	F	M	F	M	F	M	F	M	F				M	F	M	F	M	F	M	F	M	F
1	BANSO BAPTIST HOSPITAL	1360	11287	8	0	0	0	0	0	0	370	309	348	331	3716	33373	9	0	0	0	0	0	0	906	1038	925	847
2	BANGOLAN BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	630	1288	2	26	24	69	65	30	47	61	213	50	82
3	JIKIJEM BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	292	860	3	0	0	0	0	0	0	88	118	32	54
4	KOUHOUAT BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	480	1848	4	0	0	0	0	0	0	75	193	68	110
5	LASSIN BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	243	540	2	4	3	9	10	6	15	36	120	22	33
6	NDU BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	1087	2875	3	0	0	0	0	0	0	212	336	154	251
7	NGEPTANG BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	398	1329	3	15	18	39	37	33	33	48	106	35	56
8	NGOUNSO BAPITIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	810	2276	3	0	0	0	0	0	0	164	332	157	167
9	ROMKONG BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	239	709	3	0	0	0	0	1	3	52	84	25	74
10	NWAT BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	356	794	2	4	9	47	41	14	8	44	138	17	34
11	KOUSSAM BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	141	399	3	0	0	0	0	0	0	16	60	27	32
12	NDONGA BAPTIST HOSPITAL-MBEM	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	387	1354	3	2	3	3	7	6	6	69	102	79	109
13	MBINGO BAPTIST HOSPITAL	4851	26300	5	61	53	180	121	196	235	950	1032	1211	898	5612	36871	7	5	4	54	38	118	100	1177	1568	1646	1482
14	AKEH BAPTISH HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	173	420	2	0	0	0	0	0	0	43	57	20	44
15	BAFOUSSAM BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0
16	BELO BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	339	1565	5	0	0	0	0	0	0	109	149	43	43
17	FINKWI BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	416	1154	3	0	0	0	0	3	1	78	170	62	102
18	KWIGHE BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	293	929	3	0	0	0	0	0	0	51	158	29	53
19	ASHONG BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	382	1118	3	0	0	2	1	5	3	84	106	38	88
20	NKWEN BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0
21	SABGA BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	501	1261	3	0	0	0	0	0	0	117	218	50	116
22	BAYANGAM BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	91	270	3	1	1	2	1	2	5	14	23	14	28
23	MAMFE BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	299	858	3	14	12	40	35	19	26	41	113	43	38
24	NDEMBAYA BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	101	261	3	1	3	18	17	10	1	15	24	4	11
25	BANYO BAPTIST HOSPISTAL	144	1377	10	1	0	2	0	2	4	71	53	26	12	513	1907	4	55	161	0	0	0	0	129	228	117	67
26	ALLAT BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	142	342	2	0	1	8	1	14	4	26	72	10	14
27	SARKI BAKA BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	393	1179	3	0	0	0	0	0	0	80	209	55	49
28	NYAMBOYA BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	328	829	3	0	0	0	0	0	0	72	186	44	25
29	BAPTIST HOSPITAL MUTENGENE	2208	12213	6	44	58	87	97	157	132	478	456	345	348	1814	8079	4	0	0	0	0	0	0	470	674	330	392
30	EKOUNOU BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0
31	ETOUG-EBE BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0
32	KUMBA BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	451	783	2	0	0	0	0	0	0	96	244	41	70
33	VOUDOU BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0
34	EKONDOTITI BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	622	1129	2	23	20	93	84	48	41	105	171	15	21
35	BAFIA BAPTIST HEALTH CENTER	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0	435	751	2	15	12	48	60	23	27	74	116	29	31
36	MBOPPI BAPTIST HOSPITAL DOUALA	1530	7064	5	0	0	8	4	16	25	359	444	290	384	1974	8288	4	0	0	0	0	0	0	458	635	410	473
		10093	58241	6	106	111	277	222	371	396	2228	2294	2220	1973	23658	115639	5	165	271	432	397	332	320	5010	7961	4591	4996

Appendix 5- Departments

SN	NAME	EYE	X-RAY	PT	ULTRASOUND	DENTAL	LABORATORY	PHARMACY	CHAPLAINS	DOCTORS	SCREENERS	SOCIAL WORKERS	NUTRITION	CERVICAL CANCER SCREENING
1	BANSO BAPTIST HOSPITAL	11752	6960	6258	7385	5869	58609	67321	12179	15053	18797	3402	2730	1507
2	BANGOLAN BAPTIST HEALTH CENTER	0	0	0	0	0	4594	6200	1151	179	7855	0	484	0
3	JIKIJEM BAPTIST HEALTH CENTER	1248	0	0	185	0	3847	6812	593	162	3316	0	123	0
4	KOUHOUAT BAPTIST HEALTH CENTER	49	0	0	0	0	4007	5241	557	184	4291	0	0	0
5	LASSIN BAPTIST HEALTH CENTER	0	0	0	0	0	1604	2590	0	154	1876	0	15	0
6	NDU BAPTIST HEALTH CENTER	1367	0	0	0	0	7971	13959	1521	2245	7994	96	343	0
7	NGEPTANG BAPTIST HEALTH CENTER	0	0	0	0	0	1456	2382	0	16	2306	0	3	0
8	NGOUNSO BAPITIST HEALTH CENTER	0	0	0	247	0	7775	8485	1866	781	9814	800	1076	114
9	ROMKONG BAPTIST HEALTH CENTER	0	0	0	0	0	1600	3124	0	0	3261	0	0	0
10	NWAT BAPTIST HEALTH CENTER	0	0	0	0	0	2815	2867	15	142	2612	0	347	0
11	KOUSSAM BAPTIST HEALTH CENTER	0	0	0	0	0	986	1537	8	13	1549	0	0	0
12	NDONGA BAPTIST HOSPITAL-MBEM	264	0	0	0	0	2014	3661	531	273	4308	6	210	0
13	MBINGO BAPTIST HOSPITAL	12537	11936	10467	14903	2697	56299	80847	9068	32642	60752	7054	2355	1766
14	AKEH BAPTISH HEALTH CENTER	0	0	0	0	0	845	2638	0	30	2377	0	0	0
15	BAFOUSSAM BAPTIST HEALTH CENTER	9183	0	2768	1088	1910	15250	29017	742	881	18360	0	952	85
16	BELO BAPTIST HEALTH CENTER	0	0	0	0	0	6162	7926	0	115	7683	105	1099	0
17	FINKWI BAPTIST HEALTH CENTER	0	0	0	0	0	3750	6386	0	0	5929	0	174	0
18	KWIGHE BAPTIST HEALTH CENTER	0	0	0	0	0	1559	2436	0	0	1582	0	7	0
19	ASHONG BAPTIST HEALTH CENTER	0	0	0	0	0	2341	4560	935	0	2381	0	0	0
20	NKWEN BAPTIST HEALTH CENTER	16548	0	4875	2129	9373	26109	57692	4138	20636	76805	1920	1429	1101
21	SABGA BAPTIST HEALTH CENTER	0	0	0	0	0	3470	5354	582	0	4085	0	0	0
22	BAYANGAM BAPTIST HEALTH CENTER	66	0	0	0	0	913	1767	22	0	1383	0	16	4
23	MAMFE BAPTIST HEALTH CENTER	0	0	0	0	0	2582	2988	486	0	3676	0	0	0
24	NDEMBAYA BAPTIST HEALTH CENTER	0	0	0	0	0	1447	1765	0	0	1490	0	0	0
25	BANYO BAPTIST HOSPISTAL	544	1286	708	1396	420	6754	8781	945	1000	7356	0	862	0
26	ALLAT BAPTIST HEALTH CENTER	0	0	0	0	0	1448	1328	0	0	1873	0	0	0
27	SARKI BAKA BAPTIST HEALTH CENTER	0	0	0	0	0	1642	2557	0	21	2870	0	0	0
28	NYAMBOYA BAPTIST HEALTH CENTER	0	0	0	0	0	2126	2919	0	0	1678	122	0	0
29	BAPTIST HOSPITAL MUTENGNE	15632	4206	3931	5541	3723	39445	88663	2476	55683	29107	5114	1907	956
30	EKOUNOU BAPTIST HEALTH CENTER	5883	0	1252	0	3310	14267	25018	1940	4847	14848	0	502	1
31	ETOUG-EBE BAPTIST HEALTH CENTER	19439	0	3105	4725	11663	58841	103259	797	19395	49852	2438	665	867
32	KUMBA BAPTIST HEALTH CENTER	2919	0	2173	2507	1692	34157	39426	733	7302	28049	2100	790	1047
33	VOUDOU BAPTIST HEALTH CENTER	0	0	0	0	0	4429	4774	0	63	2654	0	465	0
34	EKONDOTITI BAPTIST HEALTH CENTER	0	0	0	0	0	2108	3092	0	955	2187	0	0	0
35	BAFIA BAPTIST HEALTH CENTER	0	0	0	0	0	1651	2940	0	187	3307	0	10	0
36	MBOPPI BAPTIST HOSPITAL DOUALA	26561	3390	6527	13476	6048	85080	173089	1332	91313	132055	3581	10007	1689
		123992	27778	42064	53582	46705	469953	783401	42617	254272	530318	26738	26571	9137

Appendix 6 – MCH

SN	NAME	ANC			INFANT WELFARE			PRE-SCHOOL CLINIC			FAMILY PLANNING			TOTAL DELIVERIES	LIVE BIRTH	PRE-TERM	NEOD	BBA	SB	AB	TOTAL ABORTIONS	SPONTANEOUS	INDUCED	CRIMINAL
		OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL											
1	BANSO BAPTIST HOSPITAL	3762	711	4473	1137	625	1762	578	339	917	741	615	1356	1304	1274	32	2	3	26	69	69	65	0	4
2	BANGOLAN BAPTIST HEALTH CENTER	1007	291	1298	1036	363	1399	44	13	57	85	130	215	316	291	12	1	2	5	30	30	22	4	4
3	JKIEM BAPTIST HEALTH CENTER	1614	360	1974	1805	293	2098	183	13	196	247	109	356	336	334	2	1	3	1	3	3	3	0	0
4	KOUHOUAT BAPTIST HEALTH CENTER	986	263	1249	738	168	906	55	80	135	59	81	140	135	120	0	1	1	2	10	10	10	0	0
5	LASSIN BAPTIST HEALTH CENTER	414	152	566	705	158	863	0	8	8	31	23	54	86	80	2	0	1	1	2	2	1	0	1
6	NDU BAPTIST HEALTH CENTER	1607	306	1913	1867	208	2075	317	45	362	126	131	257	239	235	4	0	3	2	12	12	11	0	1
7	NGEPTANG BAPTIST HEALTH CENTER	213	153	366	357	211	568	53	47	100	19	28	47	99	97	0	0	1	0	4	4	4	0	0
8	NGOUNSO BAPITIST HEALTH CENTER	1248	592	1840	1428	166	1594	0	0	0	72	96	168	267	266	0	0	1	3	10	10	10	0	0
9	ROMKONG BAPTIST HEALTH CENTER	399	148	547	425	100	525	10	3	13	44	65	109	95	94	1	0	1	1	9	9	9	0	0
10	NWAT BAPTIST HEALTH CENTER	273	195	468	98	86	184	24	34	58	25	83	108	98	117	1	0	2	1	4	4	4	0	0
11	KOUSSAM BAPTIST HEALTH CENTER	158	57	215	231	38	269	0	0	0	3	1	4	31	31	1	0	0	1	1	1	0	1	0
12	NDONGA BAPTIST HOSPITAL-MBEM	516	215	731	245	167	412	0	0	0	47	22	69	139	139	0	0	5	0	0	0	0	0	0
13	MBINGO BAPTIST HOSPITAL	1868	268	2136	650	154	804	0	0	0	117	219	336	824	777	39	16	3	28	226	226	129	75	22
14	AKEH BAPTISH HEALTH CENTER	176	102	278	463	176	639	0	0	0	53	44	97	89	88	0	0	0	1	2	2	2	0	0
15	BAFOUSSAM BAPTIST HEALTH CENTER	2323	543	2866	710	94	804	146	19	165	168	88	256	0	0	0	0	0	0	0	0	0	0	0
16	BELO BAPTIST HEALTH CENTER	1852	458	2310	667	394	1061	297	321	618	94	155	249	393	393	0	0	0	1	5	5	5	0	0
17	FINKWI BAPTIST HEALTH CENTER	394	214	608	303	112	415	0	0	0	196	88	284	139	138	2	1	5	0	7	7	6	1	0
18	KWIGHE BAPTIST HEALTH CENTER	269	80	349	0	0	0	0	0	0	37	58	95	61	60	0	0	0	1	6	6	5	1	0
19	ASHONG BAPTIST HEALTH CENTER	209	68	277	146	37	183	0	0	0	20	28	48	26	27	0	0	0	0	3	3	0	0	3
20	NKWEN BAPTIST HEALTH CENTER	3297	635	3932	3414	369	3783	593	74	667	381	362	743	0	0	0	0	0	0	2	2	2	0	0
21	SABGA BAPTIST HEALTH CENTER	296	122	418	263	100	363	8	1	9	32	42	74	78	78	0	0	0	0	8	8	8	0	0
22	BAYANGAM BAPTIST HEALTH CENTER	137	36	173	49	19	68	1	0	1	15	0	15	12	12	0	0	0	0	1	1	0	1	0
23	MAMFE BAPTIST HEALTH CENTER	43	20	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	NDEMBAYA BAPTIST HEALTH CENTER	71	40	111	0	0	0	0	0	0	11	6	17	32	31	0	0	0	1	6	6	5	1	0
25	BANYO BAPTIST HOSPITAL	587	186	773	312	95	407	67	52	119	47	36	83	170	155	15	10	3	10	8	8	3	3	2
26	ALLAT BAPTIST HEALTH CENTER	120	103	223	247	52	299	3	9	12	62	40	102	59	57	0	1	1	1	3	3	2	0	1
27	SARKI BAKA BAPTIST HEALTH CENTER	255	180	435	0	0	0	0	0	0	23	26	49	96	97	2	0	2	0	3	3	3	0	0
28	NYAMBOYA BAPTIST HEALTH CENTER	397	289	686	999	738	1737	8	13	21	20	18	38	161	150	2	0	0	0	11	11	8	1	2
29	BAPTIST HOSPITAL MUTENGENE	3269	1847	5116	1954	1063	3017	113	94	207	252	298	550	841	834	31	11	13	12	88	88	74	0	14
30	EKOUNOU BAPTIST HEALTH CENTER	1181	540	1721	1773	1021	2794	40	16	56	193	130	323	0	0	0	0	0	0	0	0	0	0	0
31	ETOUG-EBE BAPTIST HEALTH CENTER	4826	3460	8286	4845	2391	7236	644	681	1325	561	552	1113	0	0	0	0	0	0	68	68	51	13	4
32	KUMBA BAPTIST HEALTH CENTER	1674	982	2656	996	416	1412	122	59	181	243	303	546	348	346	1	0	0	2	59	59	33	2	24
33	VOUDOU BAPTIST HEALTH CENTER	593	410	1003	232	56	288	4	7	11	74	102	176	177	177	1	0	0	0	5	5	5	0	0
34	EKONDOTITI BAPTIST HEALTH CENTER	107	77	184	198	52	250	67	30	97	21	10	31	41	39	0	1	2	1	15	15	14	0	1
35	BAFIA BAPTIST HEALTH CENTER	100	55	155	0	0	0	0	0	0	25	23	48	30	29	0	1	0	1	16	16	5	0	11
36	MBOPPI BAPTIST HOSPITAL DOUALA	12474	8727	21201	6411	6449	12860	0	0	0	871	1013	1884	3226	3170	124	32	4	31	28	28	28	0	0
		48715	22885	71600	34704	16371	51075	3377	1958	5335	5015	5025	10040	9948	9736	272	78	56	133	724	724	527	103	94

Appendix 7 – Immunization

SN	NAME	MENINGITIS			BCG			DPT1			DPT2			DPT3			POLIO 0			POLIO 1			POLIO 2			POLIO 3		
		AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL
1	BANSO BAPTIST HOSPITAL	0	0	0	399	36	435	151	51	202	163	46	209	161	45	206	399	36	435	151	51	202	163	46	209	161	45	206
2	BANGOLAN BAPTIST HEALTH CENTER	0	0	0	172	16	188	184	20	204	126	13	139	86	13	99	172	16	188	151	20	171	126	13	139	86	13	99
3	JIKIJEM BAPTIST HEALTH CENTER	0	0	0	172	0	172	128	5	133	115	4	119	124	9	133	142	0	142	125	5	130	115	4	119	124	9	133
4	KOUHOUAT BAPTIST HEALTH CENTER	0	0	0	69	0	69	57	0	57	42	0	42	31	0	31	69	0	69	57	0	57	42	0	42	33	0	33
5	LASSIN BAPTIST HEALTH CENTER	0	0	0	49	33	82	53	22	75	57	30	87	54	36	90	49	33	82	53	22	75	57	30	87	54	36	90
6	NDU BAPTIST HEALTH CENTER	0	0	0	86	0	86	96	0	96	97	0	97	92	0	92	103	0	103	98	0	98	99	0	99	112	0	112
7	NGEPTANG BAPTIST HEALTH CENTER	0	0	0	42	7	49	31	30	61	35	44	79	41	36	77	42	7	49	31	30	61	35	37	72	41	36	77
8	NGOUNSO BAPTIST HEALTH CENTER	0	0	0	67	0	67	46	0	46	33	0	33	28	0	28	72	0	72	46	0	46	33	0	33	28	0	28
9	ROMKONG BAPTIST HEALTH CENTER	0	0	0	40	0	40	37	4	41	22	8	30	23	8	31	40	0	40	37	4	41	22	8	30	23	8	31
10	NWAT BAPTIST HEALTH CENTER	0	0	0	59	0	59	44	0	44	21	0	21	31	0	31	59	0	59	44	0	44	21	0	21	31	0	31
11	KOUSSAM BAPTIST HEALTH CENTER	0	0	0	19	0	19	16	0	16	12	0	12	10	0	10	10	0	10	19	0	19	13	0	13	12	0	12
12	NDONGA BAPTIST HOSPITAL-MBEM	0	0	0	65	0	65	47	0	47	49	0	49	43	0	43	81	0	81	47	0	47	49	0	49	43	0	43
13	MBINGO BAPTIST HOSPITAL	0	0	0	92	0	92	44	1	45	31	1	32	32	0	32	261	0	261	44	1	45	33	1	34	27	0	27
14	AKEH BAPTISH HEALTH CENTER	0	0	0	49	0	49	42	0	42	53	0	53	55	0	55	49	0	49	42	0	42	53	0	53	55	0	55
15	BAFOUSSAM BAPTIST HEALTH CENTER	0	0	0	0	0	0	51	0	51	53	0	53	44	0	44	0	0	0	47	4	51	50	3	53	39	5	44
16	BELO BAPTIST HEALTH CENTER	0	0	0	145	0	145	150	7	157	131	8	139	134	4	138	161	0	161	150	0	150	131	0	131	134	0	134
17	FINKWI BAPTIST HEALTH CENTER	0	0	0	40	0	40	44	0	44	39	0	39	38	0	38	40	0	40	44	0	44	39	0	39	38	0	38
18	KWIGHE BAPTIST HEALTH CENTER	0	0	0	61	0	61	43	8	51	32	15	47	48	4	52	61	0	61	43	8	51	32	15	47	48	4	52
19	ASHONG BAPTIST HEALTH CENTER	0	0	0	27	0	27	16	0	16	17	0	17	8	0	8	4	0	4	17	0	17	17	0	17	9	0	9
20	NKWEN BAPTIST HEALTH CENTER	0	0	0	0	0	0	187	0	187	190	5	195	211	5	216	0	0	0	187	0	187	190	5	195	211	5	216
21	SABGA BAPTIST HEALTH CENTER	0	0	0	45	6	51	34	9	43	38	6	44	27	9	36	51	2	53	30	0	30	31	0	31	23	0	23
22	BAYANGAM BAPTIST HEALTH CENTER	0	0	0	7	1	8	3	0	3	3	0	3	7	0	7	7	1	8	1	0	1	3	0	3	6	1	7
23	MAMFE BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	NDEMBAYA BAPTIST HEALTH CENTER	0	0	0	0	0	0	8	2	10	8	2	10	8	1	9	0	0	0	8	2	10	8	2	10	8	1	9
25	BANYO BAPTIST HOSPITAL	0	0	0	71	0	71	36	9	45	33	6	39	32	4	36	73	1	74	46	9	55	47	8	55	49	4	53
26	ALLAT BAPTIST HEALTH CENTER	0	0	0	51	368	419	50	355	405	35	347	382	32	330	362	36	346	382	50	373	423	35	345	380	32	330	362
27	SARKI BAKA BAPTIST HEALTH CENTER	0	0	0	22	0	22	14	0	14	18	0	18	18	0	18	24	0	24	14	0	14	18	0	18	18	0	18
28	NYAMBOYA BAPTIST HEALTH CENTER	0	0	0	147	146	293	130	183	313	131	157	288	105	130	235	75	84	159	130	169	299	131	157	288	105	130	235
29	BAPTIST HOSPITAL MUTENGNE	0	0	0	245	0	245	146	0	146	155	0	155	149	0	149	245	0	245	146	0	146	155	0	155	149	0	149
30	EKOUNOU BAPTIST HEALTH CENTER	0	0	0	54	0	54	82	0	82	94	0	94	129	0	129	40	0	40	82	0	82	94	0	94	129	0	129
31	ETOUG-EBE BAPTIST HEALTH CENTER	159	0	159	478	0	478	436	0	436	452	0	452	507	0	507	478	0	478	436	0	436	452	0	452	507	0	507
32	KUMBA BAPTIST HEALTH CENTER	0	0	0	107	0	107	87	0	87	90	0	90	78	0	78	107	0	107	96	0	96	90	0	90	78	40	118
33	VOUDOU BAPTIST HEALTH CENTER	0	0	0	33	0	33	52	0	52	36	0	36	35	0	35	33	0	33	52	0	52	36	0	36	35	0	35
34	EKONDOTITI BAPTIST HEALTH CENTER	0	0	0	11	0	11	10	0	10	16	0	16	18	0	18	11	0	11	10	0	10	16	0	16	18	0	18
35	BAFIA BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	MBOPPI BAPTIST HOSPITAL DOUALA	3	0	3	1138	0	1138	681	0	681	592	0	592	586	0	586	1138	0	1138	681	0	681	592	0	592	586	0	586
		162	0	162	4062	613	4675	3236	706	3942	3019	692	3711	3025	634	3659	4132	526	4658	3215	698	3913	3028	674	3702	3052	667	3719

SN	NAME	TT 1			TT 2			TT 3			TT 4			TT 5			MEASELS			OTHERS			TOTAL VACCINS
		AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	AT FACILITY	OUTREACH	TOTAL	
1	BANSO BAPTIST HOSPITAL	344	0	344	335	0	335	57	0	57	21	0	21	11	0	11	124	47	171	92	29	121	3164
2	BANGOLAN BAPTIST HEALTH CENTER	47	0	47	26	0	26	26	0	26	42	0	42	32	0	32	66	10	76	199	35	234	1710
3	JIKIJEM BAPTIST HEALTH CENTER	50	0	50	51	0	51	10	0	10	11	0	11	0	0	0	83	0	83	464	6	470	1756
4	KOUHOUAT BAPTIST HEALTH CENTER	96	0	96	55	0	55	10	0	10	5	0	5	5	0	5	63	0	63	119	0	119	753
5	LASSIN BAPTIST HEALTH CENTER	40	9	49	29	8	37	7	4	11	1	1	2	0	3	3	30	25	55	15	29	44	869
6	NDU BAPTIST HEALTH CENTER	47	0	47	7	0	7	28	0	28	9	0	9	6	0	6	86	0	86	481	0	481	1447
7	NGEPTANG BAPTIST HEALTH CENTER	6	13	19	5	1	6	7	0	7	4	0	4	0	0	0	23	22	45	15	19	34	640
8	NGOUNSO BAPITIST HEALTH CENTER	22	0	22	13	0	13	0	0	0	0	0	0	0	0	0	18	0	18	57	0	57	463
9	ROMKONG BAPTIST HEALTH CENTER	43	0	43	10	0	10	6	0	6	11	0	11	1	0	1	27	13	40	27	13	40	435
10	NWAT BAPTIST HEALTH CENTER	63	0	63	21	0	21	4	0	4	3	0	3	0	0	0	36	0	36	63	0	63	500
11	KOUSSAM BAPTIST HEALTH CENTER	22	0	22	14	0	14	14	0	14	2	0	2	1	0	1	11	0	11	18	0	18	193
12	NDONGA BAPTIST HOSPITAL-MBEM	59	0	59	62	0	62	0	0	0	1	0	1	0	0	0	40	0	40	135	0	135	721
13	MBINGO BAPTIST HOSPITAL	232	0	232	30	0	30	9	0	9	11	0	11	6	0	6	0	0	0	0	0	0	856
14	AKEH BAPTISH HEALTH CENTER	46	0	46	43	0	43	7	0	7	4	0	4	0	0	0	53	0	53	53	0	53	604
15	BAFOUSSAM BAPTIST HEALTH CENTER	82	27	109	66	15	81	45	9	54	9	6	15	6	7	13	45	9	54	10	0	10	632
16	BELO BAPTIST HEALTH CENTER	113	0	113	51	1	52	8	0	8	8	0	8	5	0	5	100	0	100	334	4	338	1779
17	FINKWI BAPTIST HEALTH CENTER	62	0	62	70	0	70	23	0	23	12	0	12	6	0	6	31	0	31	89	0	89	615
18	KWIGHE BAPTIST HEALTH CENTER	26	0	26	2	0	2	0	0	0	0	0	0	0	0	0	47	2	49	40	8	48	547
19	ASHONG BAPTIST HEALTH CENTER	42	0	42	14	0	14	2	0	2	1	0	1	0	0	0	16	0	16	31	0	31	221
20	NKWEN BAPTIST HEALTH CENTER	291	0	291	171	0	171	100	0	100	51	0	51	47	0	47	214	10	224	214	10	224	2304
21	SABGA BAPTIST HEALTH CENTER	47	0	47	7	0	7	3	0	3	2	0	2	1	0	1	25	3	28	196	1	197	596
22	BAYANGAM BAPTIST HEALTH CENTER	9	0	9	1	0	1	1	0	1	4	0	4	1	0	1	9	0	9	8	0	8	73
23	MAMFE BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	NDEMBAYA BAPTIST HEALTH CENTER	6	0	6	2	0	2	0	0	0	0	0	0	0	0	0	5	0	5	8	4	12	83
25	BANYO BAPTIST HOSPITAL	58	0	58	46	0	46	7	0	7	3	0	3	0	0	0	21	4	25	15	0	15	582
26	ALLAT BAPTIST HEALTH CENTER	53	167	220	28	117	145	8	49	57	5	16	21	6	4	10	51	269	320	55	475	530	4418
27	SARKI BAKA BAPTIST HEALTH CENTER	29	0	29	32	0	32	21	0	21	7	0	7	5	0	5	21	0	21	0	0	0	261
28	NYAMBOYA BAPTIST HEALTH CENTER	52	40	92	36	45	81	44	25	69	26	8	34	16	3	19	70	96	166	609	561	1170	3741
29	BAPTIST HOSPITAL MUTENGENE	359	0	359	210	0	210	186	0	186	21	0	21	18	0	18	118	0	118	118	0	118	2420
30	EKOUNOU BAPTIST HEALTH CENTER	79	0	79	66	0	66	27	0	27	12	0	12	4	0	4	155	0	155	345	0	345	1392
31	ETOUG-EBE BAPTIST HEALTH CENTER	620	0	620	492	0	492	197	0	197	102	0	102	78	0	78	478	0	478	421	0	421	6293
32	KUMBA BAPTIST HEALTH CENTER	204	0	204	89	0	89	97	0	97	23	0	23	5	0	5	63	0	63	235	0	235	1489
33	VOUDOU BAPTIST HEALTH CENTER	49	0	49	3	0	3	3	0	3	1	0	1	0	0	0	0	0	0	114	0	114	482
34	EKONDOTITI BAPTIST HEALTH CENTER	11	0	11	7	0	7	0	0	0	0	0	0	0	0	0	9	0	9	42	0	42	179
35	BAFIA BAPTIST HEALTH CENTER	12	0	12	3	0	3	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	19
36	MBOPPI BAPTIST HOSPITAL DOUALA	733	0	733	785	0	785	586	0	586	335	0	335	133	0	133	632	0	632	5928	0	5928	15129
		4054	256	4310	2882	187	3069	1547	87	1634	747	31	778	393	17	410	2770	510	3280	10550	1194	11744	57366

Appendix 8 – Surgeries and Notifiable Diseases

SN	NAME	MINOR	MAJOR	TOTAL	NEONATAL TETANUS	LEPROSY	YELLOW FEVER	CEREBROSPINAL MENING	HUMAN RABIES	TUBERCULOSIS	CHOLERA	TYPHOID FEVER	POLOMYELITIS	MEASLES
1	BANSO BAPTIST HOSPITAL	7265	1842	9107	1	0	0	0	0	115	0	18	0	0
2	BANGOLAN BAPTIST HEALTH CENTER	777	0	777	0	0	0	0	0	0	0	36	0	0
3	JIKIJEM BAPTIST HEALTH CENTER	1355	0	1355	0	0	0	0	0	1	0	4	0	0
4	KOUHOUAT BAPTIST HEALTH CENTER	355	0	355	0	0	0	0	0	0	0	0	0	0
5	LASSIN BAPTIST HEALTH CENTER	102	0	102	0	0	1	0	0	0	0	1	0	0
6	NDU BAPTIST HEALTH CENTER	71	0	71	0	0	0	0	0	2	0	0	0	0
7	NGEPTANG BAPTIST HEALTH CENTER	84	0	84	0	0	0	0	0	0	0	0	0	0
8	NGOUNSO BAPITIST HEALTH CENTER	350	0	350	0	0	0	0	0	1	0	28	0	0
9	ROMKONG BAPTIST HEALTH CENTER	432	0	432	0	0	0	0	0	0	0	0	0	0
10	NWAT BAPTIST HEALTH CENTER	127	0	127	0	0	1	0	0	0	0	7	0	0
11	KOUSSAM BAPTIST HEALTH CENTER	17	0	17	0	0	0	0	0	0	0	0	0	0
12	NDONGA BAPTIST HOSPITAL-MBEM	206	20	226	0	0	1	0	0	5	0	4	0	1
13	MBINGO BAPTIST HOSPITAL	5418	4312	9730	1	13	1	31	0	473	0	116	0	1
14	AKEH BAPTISH HEALTH CENTER	222	0	222	0	0	0	0	0	0	0	0	0	0
15	BAFOUSSAM BAPTIST HEALTH CENTER	62	0	62	0	0	0	0	0	11	0	112	0	0
16	BELO BAPTIST HEALTH CENTER	470	0	470	0	0	0	0	0	0	0	0	0	0
17	FINKWI BAPTIST HEALTH CENTER	357	0	357	0	0	0	0	0	1	0	0	0	0
18	KWIGHE BAPTIST HEALTH CENTER	52	0	52	0	0	1	0	0	0	0	0	0	0
19	ASHONG BAPTIST HEALTH CENTER	49	0	49	0	0	0	0	0	2	0	0	0	0
20	NKWEN BAPTIST HEALTH CENTER	10074	0	10074	0	0	1	0	0	31	0	346	0	7
21	SABGA BAPTIST HEALTH CENTER	207	0	207	0	0	0	0	0	0	0	0	0	0
22	BAYANGAM BAPTIST HEALTH CENTER	7	0	7	0	0	0	0	0	0	0	0	0	0
23	MAMFE BAPTIST HEALTH CENTER	106	0	106	0	0	0	0	0	0	0	98	0	0
24	NDEMBAYA BAPTIST HEALTH CENTER	28	0	28	0	0	0	0	0	0	0	29	0	0
25	BANYO BAPTIST HOSPISTAL	337	189	526	1	0	2	0	0	22	0	25	0	1
26	ALLAT BAPTIST HEALTH CENTER	3	0	3	0	0	3	0	0	1	0	48	0	0
27	SARKI BAKA BAPTIST HEALTH CENTER	107	0	107	2	0	0	0	0	2	0	22	0	0
28	NYAMBOYA BAPTIST HEALTH CENTER	124	0	124	0	0	0	0	0	3	0	115	0	0
29	BAPTIST HOSPITAL MUTENGNE	5105	2394	7499	1	0	8	2	0	273	0	492	0	4
30	EKOUNOU BAPTIST HEALTH CENTER	385	0	385	0	0	0	0	1	1	0	6	0	1
31	ETOUG-EBE BAPTIST HEALTH CENTER	1231	0	1231	0	0	0	0	0	95	0	937	0	0
32	KUMBA BAPTIST HEALTH CENTER	1028	0	1028	0	0	0	0	0	55	0	1	0	0
33	VOUDOU BAPTIST HEALTH CENTER	94	0	94	0	0	0	0	0	0	0	0	0	0
34	EKONDOTITI BAPTIST HEALTH CENTER	25	0	25	0	0	0	0	0	3	0	132	0	0
35	BAFIA BAPTIST HEALTH CENTER	74	0	74	0	0	0	2	0	0	0	82	0	0
36	MBOPPI BAPTIST HOSPITAL DOUALA	4861	1438	6299	0	0	0	0	0	327	0	0	0	0
		41567	10195	51762	6	13	19	35	1	1424	0	2659	0	15

Appendix 9 – HIV Test

SN	NAME	BLOOD DONORS		PATIENTS		AGE GROUP/SEX OF POSITIVE CASES OF HIV														TOTAL HIV+																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Appendix 10- Deaths

NAME	MEDICAL DEATHS												MATERNAL DEATHS								SURGICAL DEATHS																
	<1		1-5		6-15		16-45		>45		TOTAL		<1		1-5		6-15		16-45		>45		TOTAL		<1		1-5		6-15		16-45		>45		TOTAL		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
BANSO BAPTIST HOSPITAL	0	0	0	0	0	0	73	89	138	90	211	179	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	18	6	20	6	38	12
BANGOLAN BAPTIST HEALTH CENTER	0	0	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
JIKIJEM BAPTIST HEALTH CENTER	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
KOUHOUAT BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
LASSIN BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NDU BAPTIST HEALTH CENTER	0	0	0	0	0	0	6	6	3	10	9	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NGEPTANG BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NGOUNSO BAPITIST HEALTH CENTER	0	0	1	0	0	0	0	3	3	1	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ROMKONG BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NWAT BAPTIST HEALTH CENTER	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
KOUSSAM BAPTIST HEALTH CENTER	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NDONGA BAPTIST HOSPITAL-MBEM	0	0	0	0	0	0	0	1	4	2	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MBINGO BAPTIST HOSPITAL	1	1	1	1	1	0	94	101	84	82	181	185	0	0	0	0	0	0	0	0	0	0	0	0	2	1	4	7	2	3	26	15	28	19	62	45	
AKEH BAPTISH HEALTH CENTER	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	9	5	12	
BAFOUSSAM BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
BELO BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
FINKWI BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
KWIGHE BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ASHONG BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NKWEN BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SABGA BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
BAYANGAM BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MAMFE BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NDEMBAYA BAPTIST HEALTH CENTER	0	0	1	1	0	0	1	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
BANYO BAPTIST HOSPITAL	2	2	0	0	0	1	4	6	2	3	8	12	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
ALLAT BAPTIST HEALTH CENTER	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0		
SARKI BAKA BAPTIST HEALTH CENTER	0	2	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NYAMBOYA BAPTIST HEALTH CENTER	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
BAPTIST HOSPITAL MUTENGNE	0	0	0	0	3	0	21	34	23	33	47	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	7	12	10	15	
EKOUNOU BAPTIST HEALTH CENTER	0	14	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ETOUG-EBE BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
KUMBA BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
VOUDOU BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EKONDOTITI BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
BAFIA BAPTIST HEALTH CENTER	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MBOPPI BAPTIST HOSPITAL DOUALA	0	0	0	0	0	0	15	24	29	36	44	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	3	
	3	19	7	3	4	2	218	266	288	263	520	553	0	0	0	0	0	0	0	5	0	1	0	6	2	1	4	7	2	3	49	29	59	47	116	87	

SN	NAME	PEDIATRIC DEATHS												TRAUMA DEATHS											
		<1		1-5		6-15		16-45		>45		TOTAL		<1		1-5		6-15		16-45		>45		TOTAL	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	BANSO BAPTIST HOSPITAL	12	5	12	7	6	6	1	0	0	0	31	18	0	0	0	0	0	0	0	0	0	0	0	0
2	BANGOLAN BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	JIKIJEM BAPTIST HEALTH CENTER	1	1	0	1	0	1	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0
4	KOUHOUAT BAPTIST HEALTH CENTER	3	0	3	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
5	LASSIN BAPTIST HEALTH CENTER	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0
6	NDU BAPTIST HEALTH CENTER	1	2	3	2	3	0	0	0	0	0	7	4	0	0	0	0	0	0	0	0	0	0	0	0
7	NGEPTANG BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	NGOUNSO BAPITIST HEALTH CENTER	0	3	3	2	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	0	0	0	0
9	ROMKONG BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	NWAT BAPTIST HEALTH CENTER	1	0	1	1	0	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
11	KOUSSAM BAPTIST HEALTH CENTER	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
12	NDONGA BAPTIST HOSPITAL-MBEM	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
13	MBINGO BAPTIST HOSPITAL	6	3	13	9	7	1	0	0	0	0	26	13	0	0	0	0	1	0	0	0	0	0	1	0
14	AKEH BAPTISH HEALTH CENTER	1	0	0	1	0	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
15	BAFOUSSAM BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	BELO BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FINKWI BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	KWIGHE BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	ASHONG BAPTIST HEALTH CENTER	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
20	NKWEN BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	SABGA BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	BAYANGAM BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	MAMFE BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	NDEMBAYA BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	BANYO BAPTIST HOSPITAL	4	4	2	2	1	1	0	0	0	0	7	7	0	0	0	0	0	0	1	0	0	0	1	0
26	ALLAT BAPTIST HEALTH CENTER	1	0	1	1	1	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0
27	SARKI BAKA BAPTIST HEALTH CENTER	0	1	0	0	2	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
28	NYAMBOYA BAPTIST HEALTH CENTER	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
29	BAPTIST HOSPITAL MUTENGENE	12	6	5	12	1	2	3	1	0	0	21	21	0	0	0	0	0	0	2	1	7	3	9	4
30	EKOUNOU BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	ETOUG-EBE BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	KUMBA BAPTIST HEALTH CENTER	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
33	VOUDOU BAPTIST HEALTH CENTER	1	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
34	EKONDOTITI BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BAFIA BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	MBOPPI BAPTIST HOSPITAL DOUALA	13	20	5	7	3	3	0	0	0	0	21	30	0	0	0	0	0	0	0	0	0	0	0	0
		57	46	51	45	25	19	4	1	0	0	137	111	0	0	0	0	1	0	3	1	8	3	12	4

Appendix 11- Diabetes

SN	NAME	ABETES BY NEW AND O				TYPE		DRUG			AGE GROUP/SEX DISTRIBUTION											
		NEW		OLD		ONE	TWO	ORA	INJ	DIET	<1		1-5		6-15		16-45		>45		TOTAL	
		M	F	M	F						M	F	M	F	M	F	M	F	M	F	M	F
1	BANSO BAPTIST HOSPITAL	149	173	403	621	172	231	0	0	0	0	0	0	1	2	9	76	103	377	613	455	726
2	BANGOLAN BAPTIST HEALTH CENTER	85	95	48	54	52	197	185	43	0	0	0	0	0	1	0	26	20	86	110	113	130
3	JIKIJEM BAPTIST HEALTH CENTER	14	29	99	160	0	195	38	0	0	0	0	0	0	0	0	18	38	80	121	98	159
4	KOUHOUAT BAPTIST HEALTH CENTER	39	37	185	165	77	353	390	35	0	0	0	0	0	0	0	62	50	167	151	229	201
5	LAUSSIN BAPTIST HEALTH CENTER	5	8	22	40	3	57	45	4	0	0	0	0	0	0	0	4	6	22	38	26	44
6	NDU BAPTIST HEALTH CENTER	28	70	207	309	24	499	446	27	0	0	0	0	0	0	0	4	7	214	415	218	422
7	NGEPTANG BAPTIST HEALTH CENTER	4	9	30	38	9	19	57	24	0	0	0	0	0	0	0	7	18	23	33	30	51
8	NGOUNSO BAPITIST HEALTH CENTER	50	47	82	46	0	0	151	40	0	0	0	0	0	0	0	49	37	92	47	141	84
9	ROMKONG BAPTIST HEALTH CENTER	6	9	76	93	63	109	115	24	1	0	0	0	0	0	0	8	8	67	88	75	96
10	NWAT BAPTIST HEALTH CENTER	6	1	35	81	18	106	105	18	0	0	0	0	0	0	0	11	22	31	51	42	73
11	KOUSSAM BAPTIST HEALTH CENTER	4	1	51	47	29	35	12	0	0	0	0	0	0	0	0	4	5	42	48	46	53
12	NDONGA BAPTIST HOSPITAL-MBEM	7	6	27	16	30	19	33	0	0	0	0	0	0	0	0	0	2	24	25	24	27
13	MBINGO BAPTIST HOSPITAL	20	19	141	178	1	325	315	41	295	0	0	0	0	1	0	9	19	149	175	159	194
14	AKEH BAPTISH HEALTH CENTER	1	0	26	32	0	56	56	0	31	0	0	0	0	0	0	1	6	26	26	27	32
15	BAFOUSSAM BAPTIST HEALTH CENTER	52	122	407	741	0	0	0	0	0	0	0	0	1	0	1	51	81	388	793	439	876
16	BELO BAPTIST HEALTH CENTER	93	115	64	67	0	0	0	0	0	0	0	0	0	1	1	35	44	144	126	180	171
17	FINKWI BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	KWIGHE BAPTIST HEALTH CENTER	0	0	10	17	0	9	9	0	0	0	0	0	0	0	1	4	6	7	7	11	14
19	ASHONG BAPTIST HEALTH CENTER	17	18	45	51	19	114	95	0	0	0	0	0	1	3	3	15	23	51	49	69	76
20	NKWEN BAPTIST HEALTH CENTER	28	43	150	236	39	464	433	127	195	0	0	0	0	0	0	80	87	168	285	248	372
21	SABGA BAPTIST HEALTH CENTER	5	12	8	29	14	39	26	2	2	0	0	0	0	1	0	3	10	9	31	13	41
22	BAYANGAM BAPTIST HEALTH CENTER	1	2	24	16	4	34	28	4	17	0	0	0	0	0	0	6	3	19	15	25	18
23	MAMFE BAPTIST HEALTH CENTER	1	0	8	3	0	12	12	0	12	0	0	0	0	0	0	2	0	7	3	9	3
24	NDEMBAYA BAPTIST HEALTH CENTER	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
25	BANYO BAPTIST HOSPITAL	9	5	122	55	14	101	88	21	2	0	0	0	0	0	0	31	11	78	38	109	49
26	ALLAT BAPTIST HEALTH CENTER	3	4	15	14	4	1	7	3	1	0	0	0	0	2	0	3	10	9	4	14	14
27	SARKI BAKA BAPTIST HEALTH CENTER	0	1	7	4	0	2	2	0	0	0	0	0	0	0	0	0	7	5	7	5	5
28	NYAMBOYA BAPTIST HEALTH CENTER	1	0	22	16	9	26	30	9	0	0	0	0	0	7	0	5	2	8	9	20	11
29	BAPTIST HOSPITAL MUTENGENE	12	15	584	767	282	1094	1052	262	0	0	0	0	0	1	0	143	221	454	557	598	778
30	EKOUNOU BAPTIST HEALTH CENTER	0	4	430	567	78	923	590	231	0	0	0	0	0	0	0	56	117	376	461	432	578
31	ETOUG-EBE BAPTIST HEALTH CENTER	139	128	523	1032	49	306	306	56	65	0	0	0	0	1	0	117	336	673	1069	791	1405
32	KUMBA BAPTIST HEALTH CENTER	56	54	830	1152	237	1939	1939	237	0	0	0	0	0	1	3	212	280	673	897	886	1180
33	VOUDOU BAPTIST HEALTH CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	EKONDOTITI BAPTIST HEALTH CENTER	5	14	42	84	118	9	101	9	17	0	0	0	1	0	0	6	21	36	64	42	86
35	BAFIA BAPTIST HEALTH CENTER	18	12	52	58	0	0	14	0	0	0	0	0	0	0	0	4	4	46	55	50	59
36	MBOPPI BAPTIST HOSPITAL DOUALA	16	16	1053	1864	1133	1816	2319	630	2949	0	0	0	0	0	0	354	596	735	1264	1089	1860
		874	1069	5828	8655	2478	9090	8999	1847	3587	0	0	0	4	21	18	1406	2195	5288	7673	6715	9890