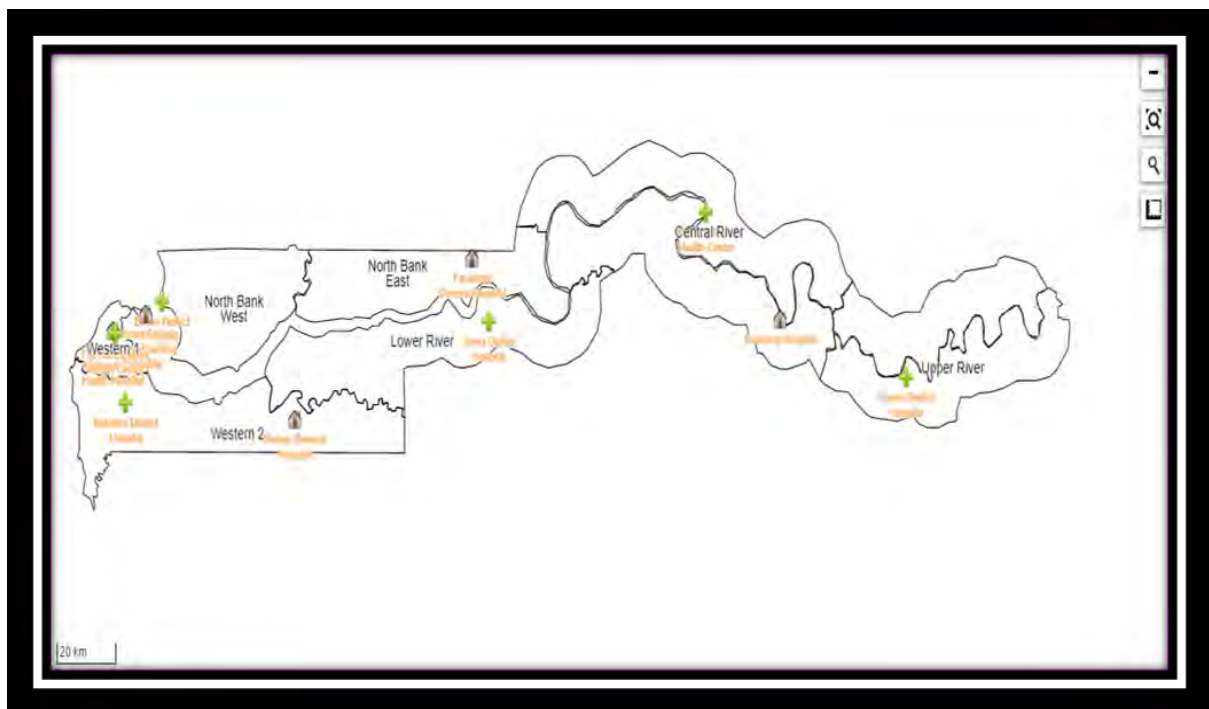


SERVICE STATISTICS REPORT 2019



# Ministry of Health, Health Service Statistics 2019



June 2019

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# Table of Contents

Table of Contents.....	II
List of tables.....	IV
List of figures.....	IX
List of Acronyms .....	XII
1.0 Introduction.....	1
2.0 Health Work Force.....	3
3.0 Health Facilities .....	8
3.1 Primary Health Care Villages and Circuits.....	11
4. Hospital Beds.....	12
5.0 Completeness and timeliness of monthly returns .....	14
6.0 Service utilizations.....	16
6.1 Outpatient Services .....	16
6.2 Infant Welfare Clinics.....	18
6.3 Ante Natal Care Services .....	19
6.4 Intermittent Preventive Treatment in Pregnancy (IPTp-SP).....	20
6.5 Obstetric/Labour and deliveries .....	21
6.6 Postnatal Care Clinic Attendance.....	22
6.7 RCH Services .....	23
7.0 Malaria.....	24
7.1 Incidence of malaria per 1000 population by region .....	25
8.0 Institutional deliveries.....	28
8.1 Deliveries conducted at Health Facilities.....	28
8.2 Deliveries Conducted At the Village Health Service.....	31
9.0 Maternal Health Services.....	35
10.0 Diarrhoea .....	36
11.0 Mental Health Services.....	38
12.0 IMNCI.....	38
13.0 Eye Conditions.....	48
14.0 Accidents .....	48

15.0 Oral and Dental Conditions .....	52
16.0 Anti-Retroviral Therapy / HIV .....	54
16.1 HIV Counseling and Testing General Population.....	54
16.2 PMTCT; HIV Counseling and Testing 2019 .....	55
16.3 Antiretroviral Therapy Services .....	55
16.4 Antiretroviral Therapy (ART) General Population.....	56
16.3 Antiretroviral Therapy (ART) Pregnant Women (PMTCT).....	56
18.0 Immunization .....	60
18.1 Vitamin A Prevention and Treatment .....	62
19.0 Non- Communicable Diseases .....	65
20.0 Births and Deaths Registration .....	69
21.0 Sexually Transmitted Diseases .....	71
22.0 Family Planning Services .....	72
23.0 Deaths .....	73
23.1 Deaths on arrival at the health facility .....	73
23.2 Brought in dead to health facility.....	73
23.3 Deaths at the health facility.....	74
24.0 Environmental Health .....	74
24.1 Inspection .....	74
24.2 School Inspection .....	75
24.3 Meat Inspection.....	75
24.4 Abatement notices.....	76
24.5 Complaints .....	76
25.0 laboratory Services .....	77
26.0 Health Facilities Referrals .....	78
27.0 Village Health Services .....	79
28.0 Drug Consumption.....	85

## List of tables

Table 1: Summary of Health Indicators, The Gambia, 2190.....	2
Table 2: Estimated populations of 2019, by region of The Gambia. Based upon projections of the 2013 national census .....	3
Table 3: Proportion of health personnel per 10,000 Population, The Gambia 2019 .....	3
Table 4. Number of service delivery points, the Gambia, 2019 .....	9
Table 5 Number and percentage of PHC villages by health region, The Gambia 2019.....	11
Table 6. Number of hospital beds by region and type, The Gambia, 2019 .....	13
Table 7. Number of hospital beds per 100,000 populations, The Gambia 2019 .....	13
Table 8. Completeness and Timeliness of the health facility monthly returns, The Gambia 2019 .....	14
Table 9. Completeness and Timeliness of the village health service returns, The Gambia 2019 .....	15
Table 10. Number and percentage of OPD visits by patients <5years of age to health facilities, The Gambia.....	17
Table 11. Number and percentage of OPD visits by patients 5 years and above to health facilities, The Gambia 2019.....	18
Table 12. Number of IWC attendance by health region, The Gambia 2019 .....	18
Table 13. Number of New clinic attendance IWC by gender, The Gambia 2019.....	19
Table 14. Number of antenatal clinic (ANC) attendance by age group and region, The Gambia 2019 .....	19
Table 15. Number of Antenatal women who received Intermittent Preventive Treatment (IPTp-SP) for Malaria.....	20
Table 16. Number of Obstetric, labour and deliveries conditions, The Gambia 2019 .....	21
Table 17. Number of RCH clinic scheduled, held and cancelled, The Gambia 2019 .....	23
Table 18. Reasons for clinic cancellation, The Gambia 2019 .....	24
Table 19. Number of suspected and confirmed malaria cases reported at health facilities by regions, The Gambia 2019.....	25
Table 20. Number of confirmed malarias reported by Health facilities by age, The Gambia 2019 .....	25
Table 21: Number of deliveries by type conducted at the health facilities in 2019, The Gambia .....	28
Table 22: Percentage of deliveries' outcome conducted at the health facilities, The Gambia, Jan to Dec 2019.....	28
Table 23: Number and Percentage of Skilled Delivery Conducted at the Health Facilities, The Gambia, 2019.....	29
Table 24: Number and Percentage Of Live Births Attended By Health Facilities, The Gambia 2019 .....	30

Table 25: Number and percentage of Fresh stillbirths attended by health facilities, The Gambia 2019 .....	30
Table 26 : Number and percentage of macerated stillbirths attended by health facilities, The Gambia 2019.....	30
Table 27: Number of Deliveries at Health Facilities and VHS Reported by Regions in 2019 .	31
Table 28: Number of Live Births conducted at Health Facilities and VHS Reported by the Regions in 2019. ....	32
Table 29: Number of Still Births at Health Facilities and VHS Reported by the Regions in 2019 .....	32
Table 30: Number of malaria cases by age and gender in The Gambia, 2019 .....	32
Table 31: Number of Suspected Malaria Cases Reported by VHW by Region 2019 .....	33
Table 32: Number of Coartem Issue by VHW and Reported by Region 2019 .....	33
Table 33: Number of Deaths Reported at the Village Health Service by Region 2019 .....	33
Table 34: Number of Malnutrition at the Community by 2019.....	34
Table 35: Number of Home Visits by VHW Reported by Region 2019 .....	34
Table 36: Number of Referrals to Health Facilities at the VHW Reported by Region 2019. ....	34
Table 37: Number of Maternal Conditions Reported by Regions in 2019. ....	35
Table 38: Number of Maternal Conditions Reported by Regions in 2019. ....	35
Table 39: Number of Maternal Conditions Reported by Regions in 2019. ....	36
Table 40: Number of Maternal Conditions Reported by Regions in 2019.....	36
Table 41: Number of Diarrhoea Cases Reported by Regions in 2019.....	36
Table 42: Number of diarrhoea with some Dehydration Reported by Regions in 2019. ....	37
Table 43: Number of Diarrhea with Severe Dehydration Reported by Regions in 2019.....	37
Table 44: Number of Diarrhoea with Blood / Mucus Inpatient Cases Reported by Regions in 2019. ....	37
Table 45: Number of mental disorders Reported at Health by Health Facilities by Gender, The Gambia Jan to Dec 2019.....	38
Table 46: Number of Acute Ear Infections reported by Regions in 2019. ....	40
Table 47: Admissions Due to Acute EAR Infections reported by Regions in 2019. ....	40
Table 48: Number of Eye Infections reported by Regions in 2019. ....	41
Table 49: Number of Moderated Acute Malnutrition Reported by Regions in 2019.....	41
Table 50: Number of No Pneumonia: Cough or Cold Reported by Regions in 2019. ....	41
Table 51: Number of Pneumonia cases Reported by Regions in 2019. ....	42
Table 52: Number of Severe pneumonia cases Reported by Regions in 2019.....	42
Table 53: Number of SAM Patient Treated According to the Protocol Reported by Regions in 2019. ....	42
Table 54: Admitted SAM Patients Treated According to the Protocol Reported by Regions in 2019. ....	43

Table 55: Admitted SAM Patients Treated According to the Protocol and Died Reported by Regions in 2019 .....	43
Table 56: Number of Serious Possible Bacterial Infection Reported by Regions in 2019.....	43
Table 57: Admission Due to Serious Possible Bacterial Infection Reported by Regions in 2019 .....	44
Table 58: Deaths Due to Serious Possible Bacterial Infection Reported by Regions in 2019. .	44
Table 59: Number of Severe Acute Malnutrition Reported by Regions in 2019. ....	44
Table 60: Admission Due to Severe Acute Malnutrition Reported by Regions in 2019.....	45
Table 61: Deaths Due to Severe Acute Malnutrition Reported by Regions in 2019.....	45
Table 62: Number of Severe Anaemia Reported by Regions in 2019.....	45
Table 63: Admission Due to Severe Anaemia Reported by Regions in 2019.....	46
Table 64: Deaths Due to Severe Anaemia Reported by Regions in 2019 .....	46
Table 65: Number of Severe Malnutrition with Anaemia Reported by Regions in 2019. ....	46
Table 66: Admission Due to Severe Malnutrition with Other Medical Complications Reported by Regions in 2019. ....	47
Table 67: Deaths due to severe malnutrition with other medical complications reported by regions in 2019.....	47
Table 68: Number of Persistent Diarrhoea Reported by Regions in 2019. ....	47
Table 69: Admission due to severe persistent diarrhoea reported by regions in 2019. ....	47
Table 70: Number of Eye Conditions Reported at Health by Health Facilities by Gender, The Gambia Jan to Dec 2019.....	48
Table 71: Number of trachoma reported by regions in 2019.....	48
Table 72: Number of accidents cases reported in The Gambia, 2019 .....	49
Table 73: Number of road traffic accidents reported by regions in 2019.....	50
Table 74: Number of drowned reported by regions in 2019.....	51
Table 75: Number of dog bites reported by regions in 2019.....	51
Table 76: Number of burns reported by regions in 2019.....	51
Table 77: Number of snake bites by region, 2019.....	52
Table 78: Number of oral and dental condition report in The Gambia,2019 .....	52
Table 79: Number of toothache reported by regions in 2019. ....	52
Table 80: Number of oral disorder reported by regions in 2019. ....	53
Table 81: Number of oral thrust / ulcer reported by regions in 2019. ....	53
Table 82: Number of dental abscess reported by regions in 2019.....	53
Table 83: Number of ART Sites by region, The Gambia,2019.....	56
Table 84: PLHIV Currently on ART (PMTCT, 2019) by Region.....	57
Table 85: Treatment success summary for all forms of TB among 2018 cohort of TB patients .....	59

Table 86: Number of childhood TB in The Gambia,2019.....	59
Table 87: Number of TB cases by region, The Gambia 2019 .....	60
Table 88: Number of Children Vaccinated against the Birth Dose (BCG, Hepatitis B and OPV 0), 2019 .....	60
Table 89: Number of Children Vaccinated against PENTA 1, Polio 1, PCV1 and Rota1 , The Gambia 2019.....	61
Table 90: Number of Children Vaccinated against PENTA 2, Polio 2, PCV2 and Rota2 , The Gambia 2019.....	61
Table 91: Number of Children Vaccinated against PENTA 3, Polio 3, PCV3 and Rota3, The Gambia 2019.....	62
Table 92: Number of doses of Vitamin A for Prevention administered, The Gambia 2019 .....	62
Table 93: Number and Percentage of Children Vaccinated .....	63
Table 94. Percentage of BCG, Hepatitis B and Polio 0 Antigen Coverage, The Gambia 2019	63
Table 95: Percentage of PENTA 2, Polio 2, PCV2 and Rota 2 Antigens Coverage, The Gambia 2019 .....	64
Table 96. Percentage of Polio 4, Measles 1, Measles 2 and Yellow Fever Antigens Coverage, The Gambia 2019.....	64
Table 97. Number and Percentage of Ante natal women Vaccinated against TT1 and TT2+, The Gambia 2019.....	65
Table 98: Number of Non-Communicable Diseases Episodes and Conditions seen at OPD by Health Facilities by Gender, The Gambia 2019 .....	66
Table 99: Number of Non-Communicable Diseases Episodes and Conditions Admitted at Health Facilities by Gender, The Gambia 2019 .....	66
Table 100: Number of Hypertension Reported by Regions in 2019. ....	68
Table 101: Number of Diabetes Reported by Regions in 2019.....	68
Table 102: Number of Cardiac Disorder Reported by Regions in 2019. ....	68
Table 103: Number and Percentage of Sexual Transmission Infections Recorded by Health Facilities by Gender, The Gambia 2019 .....	71
Table 104: Number of Vaginal Discharge Reported by Regions in 2019.....	72
Table 105: Number of Urethral Discharge Reported by Regions in 2019. ....	72
Table 106: Number and Percentage of Family Planning Services (New Acceptors and Revisits) Offered at Health Facilities, the Gambia 2019 .....	73
Table 107: Number of Deaths on arrival at the health facilities recorded, The Gambia 2019..	73
Table 108: Number of Brought in death at the health facilities recorded, The Gambia 2019...	73
Table 109: Number of Premises Inspected by Public Health Officers, The Gambia 2019 .....	74
Table 110: Number of Premises Inspected by Public Health Officers, The Gambia 2019 .....	74
Table 111: Number of Laboratory Services conducted in The Gambia, 2019.....	77
Table 112: Number of Laboratory services Provided, The Gambia 2017.....	77
Table 113: Number of health facilities referral out made in The Gambia,2019.....	78



Table 114: Number of Referrals of NCDs Cases 2019 .....	78
Table 115: Number of Births Reported at Community by Region 2019 .....	79
Table 116: Number of Pills and Motivation by CBCs Reported by Region 2019 .....	80
Table 117: Number of Referral by CBCs to Health Facility Reported by Region 2019 .....	80
Table 118: Number of VHW Uncomplicated Malaria Confirmed with RDT Reported by Regions in 2019. ....	80
Table 119: Number of Suspected Malaria Cases Reported by VHW by Region 2019 .....	81
Table 120: Number of Positive RDT Test Reported by Region 2019 .....	81
Table 121: Number of Coartem Issue by VHW and Reported by Region 2019 .....	82
Table 122: Number of Diarrhoea Cases Reported by VHW by Region 2019.....	82
Table 123: Number of Deaths Reported at the Village Health Service by Region 2019 .....	83
Table 124: Number of Referrals to Health Facilities at the VHW Reported by Region 2019. .	85
Table 125: Consumption of Essential Medicines by the Public Health and NGOs Facilities, The Gambia 2019.....	85
Table 126: Number of three highest family planning consumption in 2019 .....	85

## List of figures

Figure 1. Number of Midwives at health facilities, The Gambia 2019 .....	4
Figure 2. Number of clinicians at health facilities, The Gambia 2019.....	4
Figure 3. Number of other specialized staff at health facilities, The Gambia 2019 .....	5
Figure 4: Number of pharmacy personnel at health facilities, The Gambia, 2019.....	5
Figure 5: Number of ophthalmic personnel at health facilities, The Gambia 2019.....	6
Figure 6: Number of radiology personnel at health facilities, The Gambia 2019 .....	6
Figure 7. Number of other specialized staff in Health Facilities, The Gambia .....	7
Figure 8. Number of support staff at health facilities, The Gambia 2019 .....	7
Figure 9. Number of support staff at health facilities, The Gambia 2019 .....	8
Figure 10. Number of health facilities by region, The Gambia 2019.....	9
Figure 11. Number of Clinics by health region, the Gambia 2019.....	10
Figure 12. Number of RCH clinic sites by health region, The Gambia, 2019 .....	10
Figure 13. Number of services delivery points by health region, The Gambia 2019.....	11
Figure 14. Number of PHC villages by health region, The Gambia, 2019 .....	12
Figure 15. Number of PHC circuits by health region, The Gambia 2019 .....	12
Figure 16. Percentage of Completeness and Timeliness of Health Facilities Returns by Region, The Gambia 2019.....	15
Figure 17. Percentage of Completeness and Timeliness of Village Health Service returns, The Gambia 2019.....	15
Figure 18. Percentage of OPD visits by age category reported, The Gambia 2019 .....	16
Figure 19. Total new outpatient consultation reported by gender and age group, The Gambia 2019 .....	17
Figure 20. Percentage of ANC first trimester visits, The Gambia 2019.....	20
Figure 21. Proportion of pregnant woman attending ANC who received a dose of IPTp for malaria, The Gambia 2019.....	21
Figure 22. Percentage of Obstetric, labour and delivery Complication recorded at health Facilities, The Gambia.....	22
Figure 23. Number and percentage of post-natal attendance and completing three post-natal care services, The Gambia 2019 .....	23
Figure 24. Percentage of RCH Clinic Held by Health Region, The Gambia 2019 .....	24
Figure 25. Incidence of malaria per 1000 population by region, The Gambia 2019.....	26
Figure 26. Number of malaria admissions per 10,000 population, The Gambia 2019.....	26
Figure 27. Percentage of Uncomplicated Confirmed Malaria Cases Reported at OPD clinics by age group, 2019.....	27
Figure 28. The rate of malaria test positivity by region, The Gambia 2019.....	27

Figure 29. Percentage of Skilled and Unskilled Delivery Conducted at the Health Facilities, The Gambia,2019.....	29
Figure 30. Number of Total Deliveries Conducted at Health Facilities, The Gambia 2019 .....	31
Figure 31. Percentage of the ten (10) Major Causes of under-five morbidity recorded in 2019 The Gambia.....	39
Figure 32. Ten leading Causes of under Fives Admission Recorded at Health Facilities, The Gambia, 2019.....	39
Figure 33. Five leading Causes of under Fives mortality Recorded at Health Facilities, The Gambia, 2019.....	40
Figure 34. Percentage of accidents recorded at OPD in health facilities, The Gambia 2019....	49
Figure 35. Proportion of admission cases due to accidents recorded health facilities, The Gambia 2019.....	50
Figure 36. Number of HIV Counseling and testing (General Population) .....	54
Figure 37. Number of PMTCT Counseling and Testing 2019 .....	55
Figure 38. Percentage of cases with RR and/or MDR-TB successfully treated among 2017cohort of RR/MDR-TB patients .....	57
Figure 39. Number and percentage of TB/HIV UPTAKE 2018 AND 2019.....	58
Figure 40. Percentage of TB cases, all forms, bacteriologically confirmed plus clinically diagnosed, successfully treated (cured plus treatment completed) among all TB cases registered in 2018, new and relapse cases .....	58
Figure 41. Number of ten (10) Major non communicable diseases recorded in The Gambia, 2019 .....	67
Figure 42. Case Fatality Rate for five Major Causes of Non communicable Diseases admission. The Gambia.....	67
Figure 43. Number of Births registered at Health Facilities, The Gambia 2019 .....	69
Figure 44. Number Of Gambian Parents Birth Registered at Health Facilities, The Gambia 2019 .....	69
Figure 45. Number Of Non-Gambian Parents Birth Registered at Health Facilities, The Gambia 2019 .....	70
Figure 46. Number Of Births outside Gambia Registered by the Health Facilities, The Gambia 2019 .....	70
Figure 47. Total Number of Deaths Registered at the Health Facilities, The Gambia 2019 .....	71
Figure 48. A chart showing the number of maternal deaths by region in 2019, The Gambia...	74
Figure 49. Number of schools inspected by Public Health Officers by type, The Gambia 2019 .....	75
Figure 50. Number of Meat inspection conducted by Public Health Officer, The Gambia 2019 .....	75
Figure 51. Abatement Notices by Public Health Officers, The Gambia 2019 .....	76
Figure 52. Percentages of Complaints received by Public Health officers, The Gambia 2019.	76
Figure 53. CBCs Reported number of Neonatal Deaths by Region in 2019 .....	79

Figure 54. Number of Malnutrition at the community by 2019 .....	83
Figure 55. Number of Condoms Issue at Village Health Service Reported by Region 2019 ...	84
Figure 56. Number of Home Visits by VHW Reported by Region 2019.....	84

## List of Acronyms

AFB	Acid Fast Bacilli
ANC	Ante Natal Care
BCG	<i>Bacillus Calmette–Guérin</i>
CBCs	Community Birth Companions
CHN	Community Health Worker
CRR	Central River region
CSSD	Central Sterile Services Department
DHIS2	District Health Information System version -2
DPI	Directorate of Planning and Information
DPT	Diphtheria Pertussis and Tetanus
EFSTH	Edward Francis Small Teaching Hospital
EMOC	Emergency Medical Obstetric Care
EPI	Expanded Programme on Immunisation
HCT	HIV Counselling and Testing
HIS	Health Information System
HMIS	Health Management Information System
HRH	Human Resource For Health
HSS	Health System Strengthen
IMNCI	Integrated Management of Neonatal and Childhood Infections
IWC	Infant Welfare Clinic
LRR	Lower River Region
MCNHRP	Maternal and Child Nutrition and Health Results Project
MoH	Ministry of Health
NAS	National AIDS Secretariat
NBER	North Bank East Region
NBWR	North Bank West Region
NCD	Non Communicable Diseases
NPHL	National Public Health Laboratory
NGO	Non-Governmental Organisation
NHA	National Health Account
OPD	Out Patient Department
PCR	Polymerase Chain Reaction
PHC	Primary Health Care
PMTCT	Prevention of Mother to Child Transmission
RCH	Reproductive and Child Health
RMNCAH	Reproductive Maternal Neonatal Child and Adolescent Health
RHD	Regional Health Directorate
TB	Tuberculosis
TBA	Traditional Birth Attendance
TPHA	Treponema Pallidum Haemagglutination
TT	Tetanus Toxiod
URR	Upper River Region
VCT	Voluntary Counselling and Testing
VHWs	Village Health Workers
WHO	World Health Organisation

## **1.0 Introduction**

Health Service Statistics are produced annually by the Ministry of Health to provide an overview of the health sector performance. The report makes available data on services provided to the population. This report is divided into chapters, namely introduction, health workforce, health facilities, hospital beds, expenditure, completeness, services utilization, morbidity, mortality, immunization, village health services and specialized interventions. The specialized interventions include data on tuberculosis, HIV & AIDS and Reproductive, Maternal, New born Child and Adolescent Health (RMNCAH).

This report aims to demonstrate key statistics in the health sector in a concise and easily understandable structure to ensure all stakeholders utilize it without much difficulty. The report includes data from public, private, NGO health facilities, Community clinics, referral hospitals and the village health services. The Human resources data was collected from each health facility during HMIS quarterly verifications. Morbidity and mortality data from EFSTH are not included in this report as the Hospital is not currently reporting through the HMIS system. Several attempts were made to engage EFSTH to report but none was successful thus a major limitation to data completeness. More collaborative effort is needed particularly at the policy level of Ministry of health in order to ensure mandatory reporting from all health facilities.

To ensure the quality of this report, HMIS unit conduct quarterly supportive supervision and data verification at community, health facility as well as regional health directorate level with support mainly from global fund HSS grant and MCNHRP. The objectives of the data verification are: to compare data reported by the health facilities and data verified by the HMIS team; to conduct data audit exercise in all the seven health regions and to provide mentorship and coaching guidance to the data managers, data entry clerks, CBCs and VHWs and identify challenges affecting health workers in executing their functions.

Similarly, the report is subjected to final review by the HIS/M&E technical committee and key partners prior to publication.

Table 1: Summary of Health Indicators, The Gambia, 2019

Indicators	Value	Source
OPD utilization rate	75.9	HMIS,2019
Percentage of pregnant women attending at least four ANC visits	70.9	HMIS,2019
Proportion of pregnant women attending antenatal clinics who received three or more doses of intermittent preventive treatment (IPTp) for malaria	70.1	HMIS,2019
Caesarean section rate	3.4%	HMIS,2019
BCG immunization coverage	89.5	EPI,2019
Penta3 immunization coverage	82	EPI,2019
Measles immunization coverage	77.6	EPI,2019
Penta Dropout rate (Penta 1 versus Penta3)	3.60%	EPI,2019
Percentage of deliveries conducted by skilled health attendant in health facilities	86.10%	HMIS,2019
Maternal Mortality Rate	201.5	HMIS,2019
Contraceptive prevalence Rate	14%	HMIS, 2019
Neonatal Mortality Rate	31	MICS, 2018
Infant mortality rate	41	MICS, 2018
Under Five Mortality	57	MICS, 2018
Inpatient malaria deaths per 100,000 persons per year	2484.8	HMIS,2019
Confirmed malaria cases (microscopy or RDT) per 1000 persons per year	24.1	HMIS,2019
Completeness rate of Health Management Information System reporting.	77.50%	HMIS,2019
Timeliness rate of Health Management Information System reporting.	53.00%	HMIS,2019
Total Skilled Health Workers per 10,000	13.5	HMIS,2019
Doctor population ratio per 10,000	1.1	HMIS,2019
Nurse population ratio per 10,000	2.6	HMIS,2019
Percentage of live births registered in the year	90.60%	HMIS,2019
Percentage of Out Of Pockets (OOP) expenditure on health	24.42%	24.42% (NHA, 2015)
General Government Expenditure (GGE) on health as a percentage of total government expenditure	7.99%	7.99% (2019)
General government Expenditure on health as a percentage of total Expenditure on health	32.78%	32.78% (NHA, 2015)
Per capita total expenditure on health	21.35USD	2019

Table 2: Estimated populations of 2019, by region of The Gambia. Based upon projections of the 2013 national census

Regions	Total population	Expected Pregnancy	Live Births	Surviving Infants	Children <5 years	Women 15 - 49 years
Central River	251,933	9,573	8,989	7,306	39,553	63,991
Lower River	87,055	3,308	3,106	2,525	13,668	22,112
North Bank East	126,591	4,810	4,517	3,671	19,875	32,154
North Bank West	127,144	4,831	4,536	3,687	19,962	32,295
Upper River	276,717	10,515	9,873	8,025	43,445	70,286
Western 1	916,998	34,846	32,718	26,593	143,969	232,917
Western 2	487,228	18,515	17,384	14,130	76,495	123,756
National	2,273,665	86,399	81,122	65,936	356,965	577,511

Source: HMIS projected population 2014-2025

## 2.0 Health Work Force

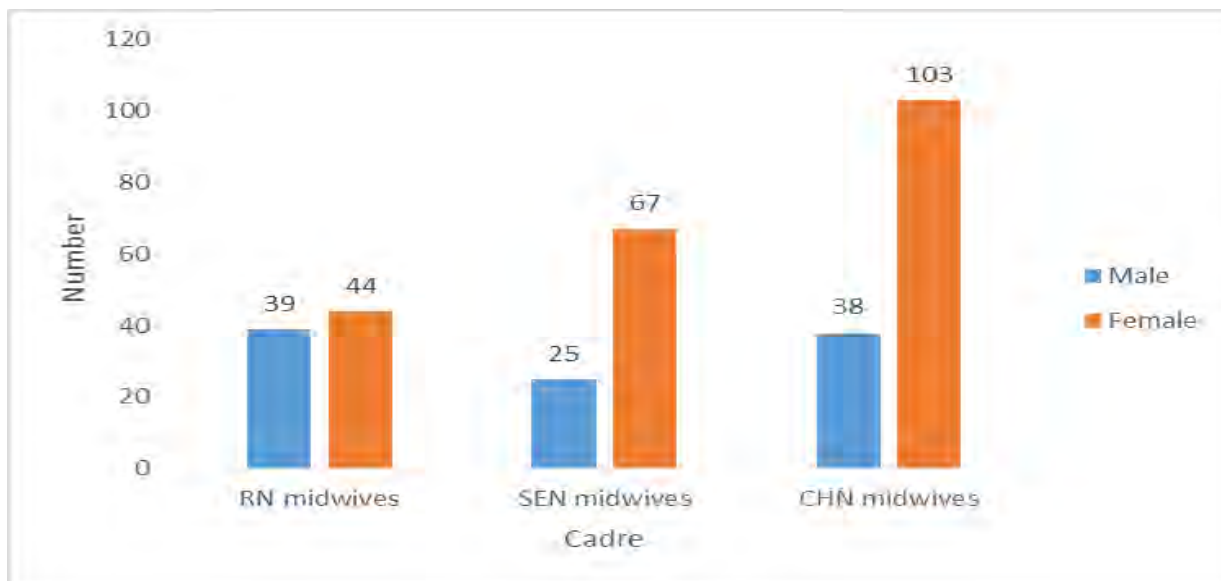
Table 3: Proportion of health personnel per 10,000 Population, The Gambia 2019

Health Personnel	Number	Proportion H/W per 10,000 population
Medical Officer	250	1.1
State Registered Midwives	83	0.4
State Enrolled Midwives	199	0.9
BSc Nursing	111	0.5
Enrolled Community Health Midwives	141	0.6
Registered Nurse	279	1.2
State Enrolled Nurse	199	0.9
Community Health Nurse	122	0.5
Public Health Officers	139	0.6
Midwives	423	1.9
Nurses	600	2.6

Source: HMIS, 2019

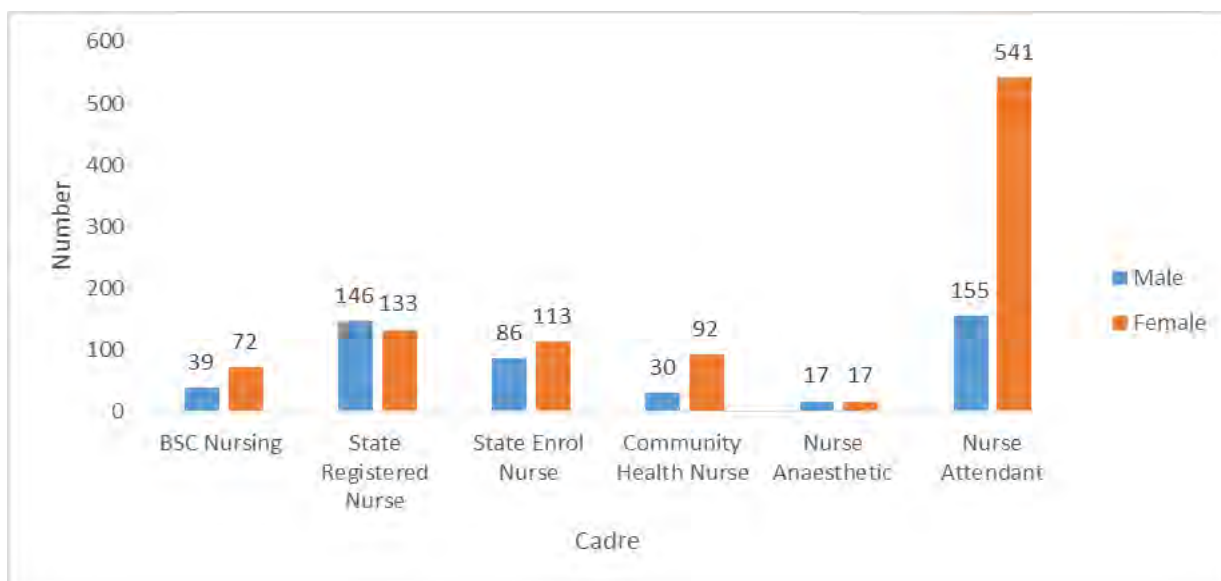


Figure 1. Number of Midwives at health facilities, The Gambia 2019



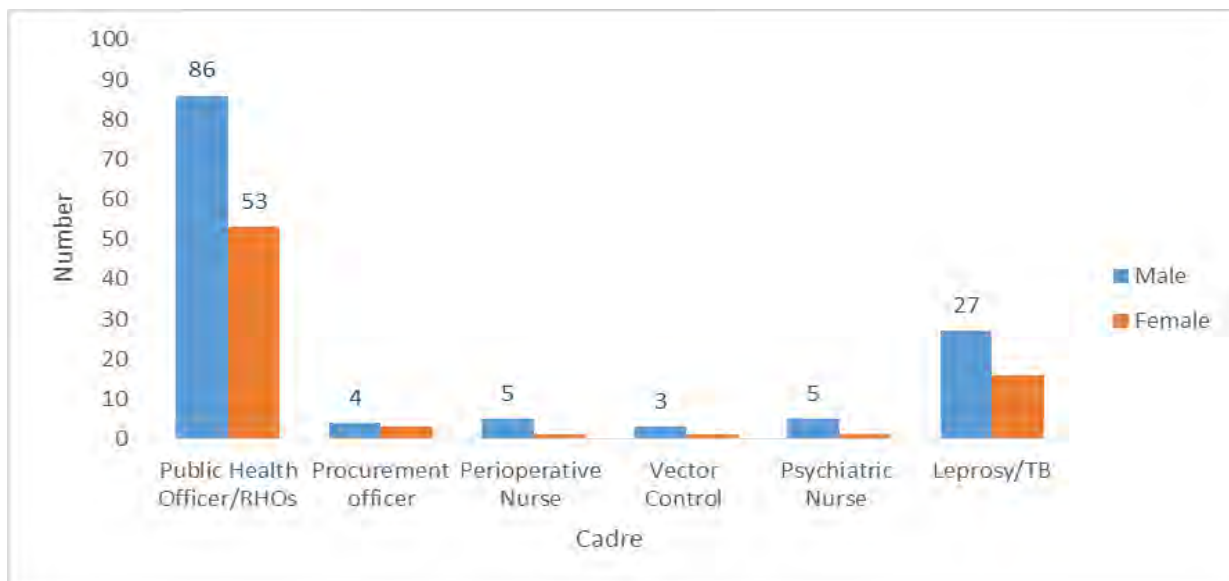
Source: HMIS, 2019

Figure 2. Number of clinicians at health facilities, The Gambia 2019



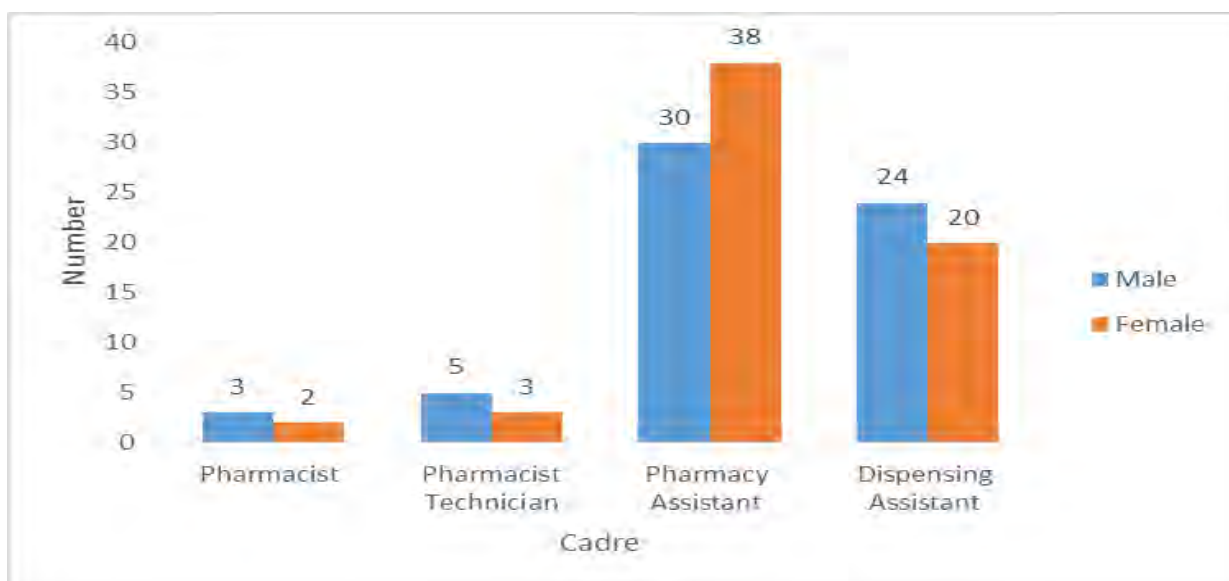
Source: HMIS, 2019

Figure 3. Number of other specialized staff at health facilities, The Gambia 2019



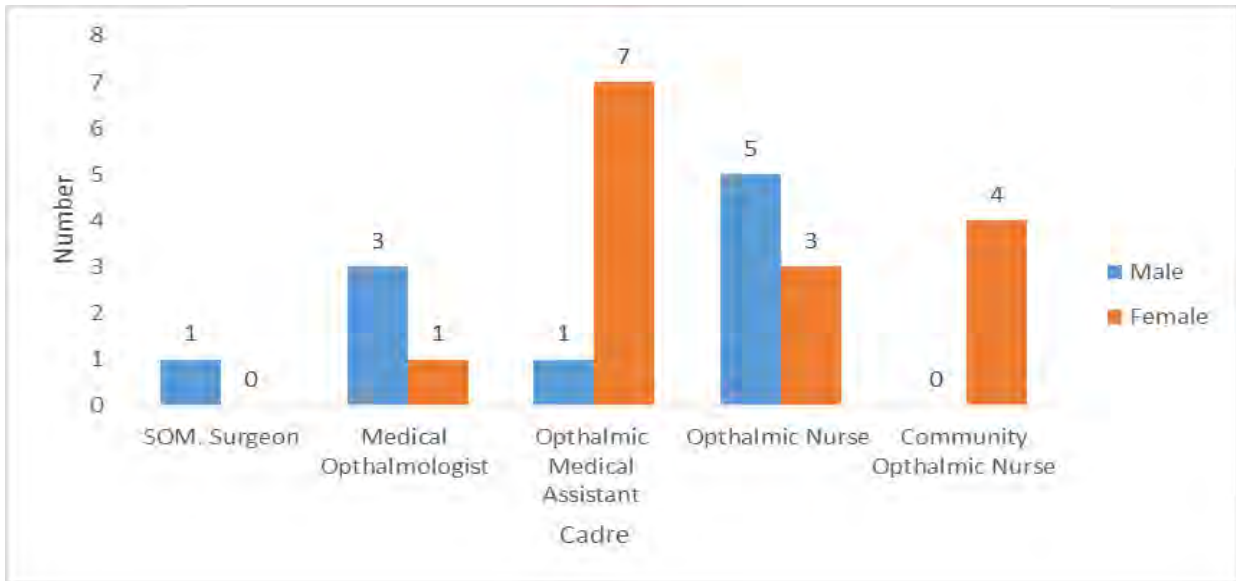
Source: HMIS, 2019

Figure 4: Number of pharmacy personnel at health facilities, The Gambia, 2019



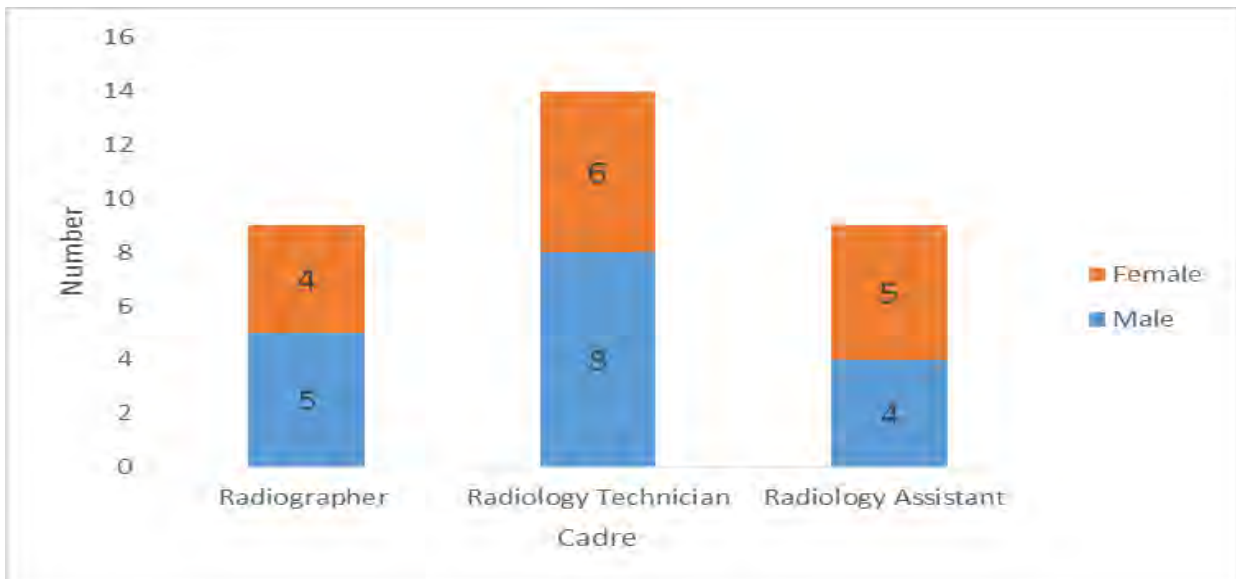
Source: HMIS, 2019

Figure 5: Number of ophthalmic personnel at health facilities, The Gambia 2019



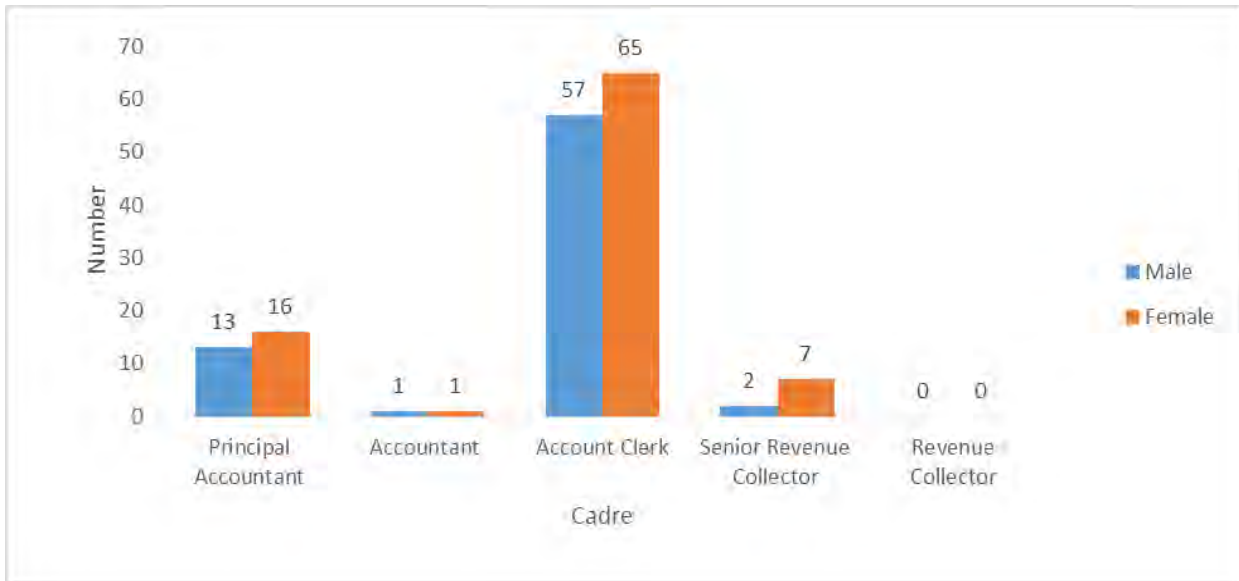
Source: HMIS, 2019

Figure 6: Number of radiology personnel at health facilities, The Gambia 2019



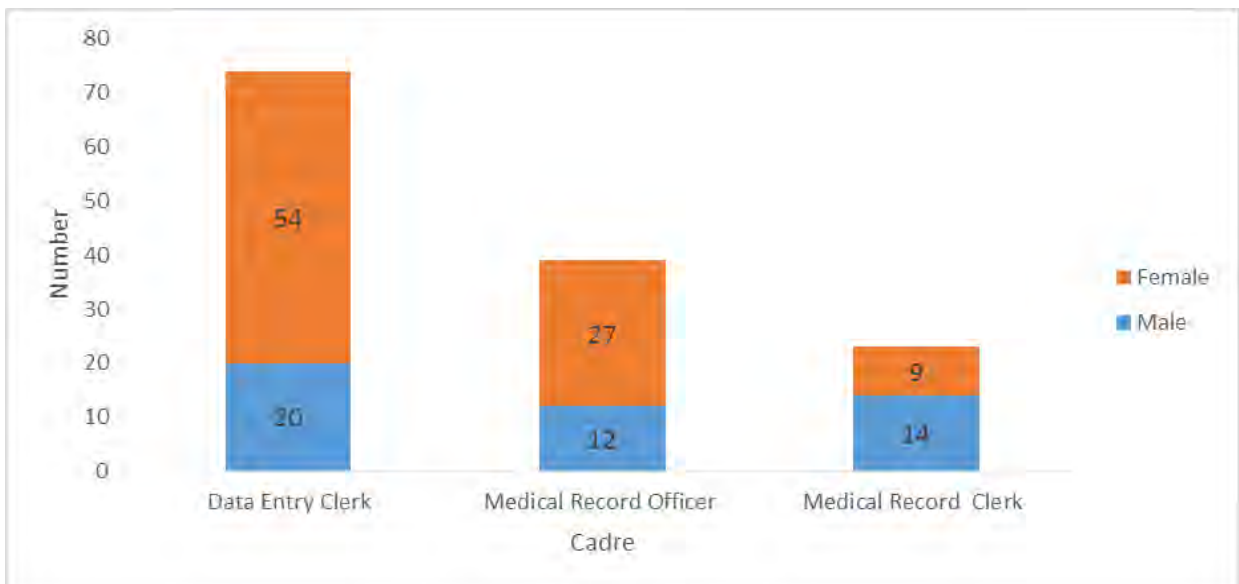
Source: HMIS, 2019

Figure 7. Number of other specialized staff in Health Facilities, The Gambia



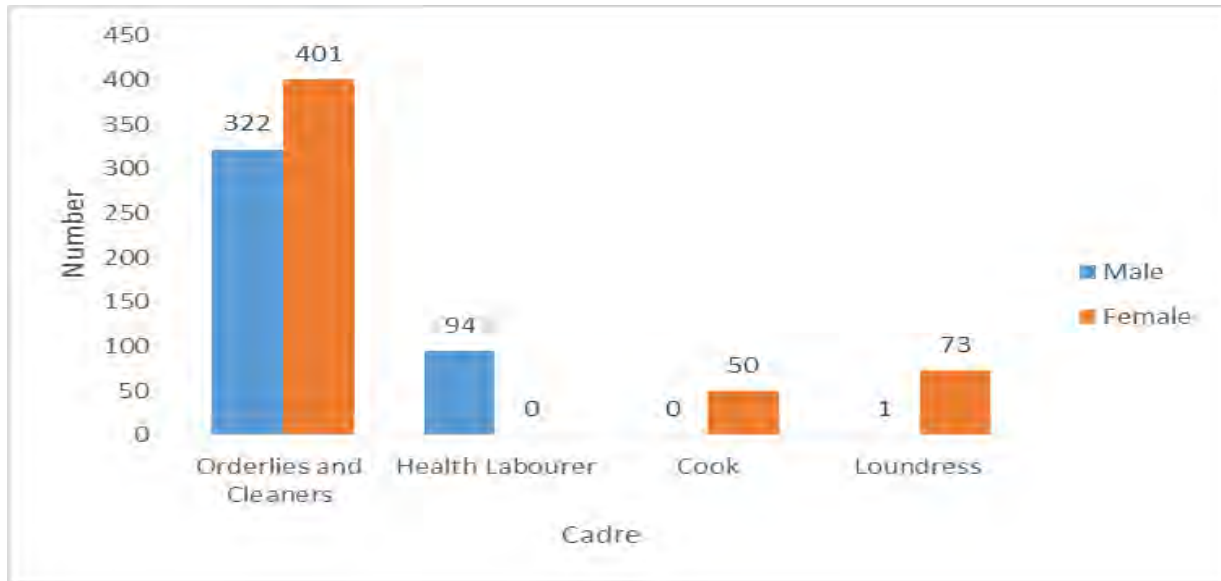
Source: HMIS, 2019

Figure 8. Number of support staff at health facilities, The Gambia 2019



Source: HMIS, 2019

Figure 9. Number of support staff at health facilities, The Gambia 2019



Source: HMIS, 2019

### 3.0 Health Facilities

Health Facility is a place where health services are provided which in many countries is regulated by law prior to its operation. It can be either private or public and the size is often determined by the workload. For instance, in some developed countries like Australia, the workload of a facility is used to determine the level of government funding provided to that facility. Usually the number and quality of health facilities may determine a country's prosperity and quality of life.

Health services in the Gambia are based on the Primary Health Care strategy: Primary; Secondary and Tertiary. The Primary level provides initial care through a network of health posts linked by key villages. At this level services are delivered by village health workers and community birth companions (CBCs), supervised by the community health nurses. The secondary level comprises a network of major and minor health centers and community clinics with more specialized staff and equipment. It provides routine preventive and curative services and some medical, surgical and obstetrics interventions. The Tertiary level (hospitals) provides more specialized services and interventions and is intended to function as a referral center for the secondary level.

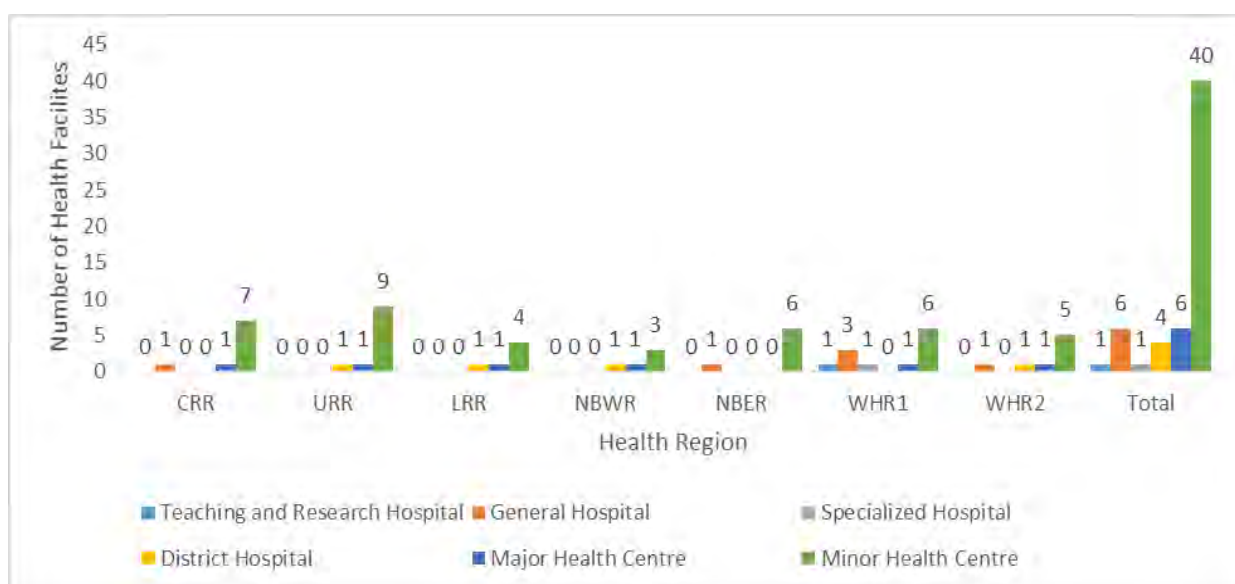
In 2019, a total of 8 hospitals were operating in the country, out of which, one is a specialized hospital and one is a teaching and research hospital and another a private hospital. There were four district hospitals, and six major health centers nationally. The district hospitals and major health centers are expected to provide comprehensive EMOC services. Only NBER has no major center among all the regions. The total number of minor health centers is forty distributed within the regions. Minor health centers provide basic EMOC, reproductive and child health services.

Table 4. Number of service delivery points, the Gambia, 2019

REGION	CRR	URR	LRR	NBWR	NBER	WHR1	WHR2	Total
Teaching and Research Hospital	0	0	0	0	0	1	0	1
General Hospital	1	0	0	0	1	3	1	6
Specialized Hospital	0	0	0	0	0	1	0	1
District Hospital	0	1	1	1	0	0	1	4
Major Health Centre	1	1	1	1	0	1	1	6
Minor Health Centre	7	9	4	3	6	6	5	40
Specialized RCH Clinics	1	0	0	0	1	2	1	5
Community /OPD Clinics	14	7	10	11	6	7	18	73
Private Clinic	0	2	1	1	0	20	6	30
NGOs Clinic	2	2	3	1	0	4	6	18
Service Clinics	1	2	1	0	1	7	0	12
No of outreach Clinics	80	66	42	45	33	18	37	321
No of Based Clinics	23	22	14	13	15	142	44	273
No PHC of Circuit	34	18	15	16	14	8	14	119
PHC Villages	306	145	102	116	127	29	115	940
No of non PHC villages	370	222	46	44	29	34	212	957
No of Service Delivery Points	840	497	240	252	233	283	461	2806

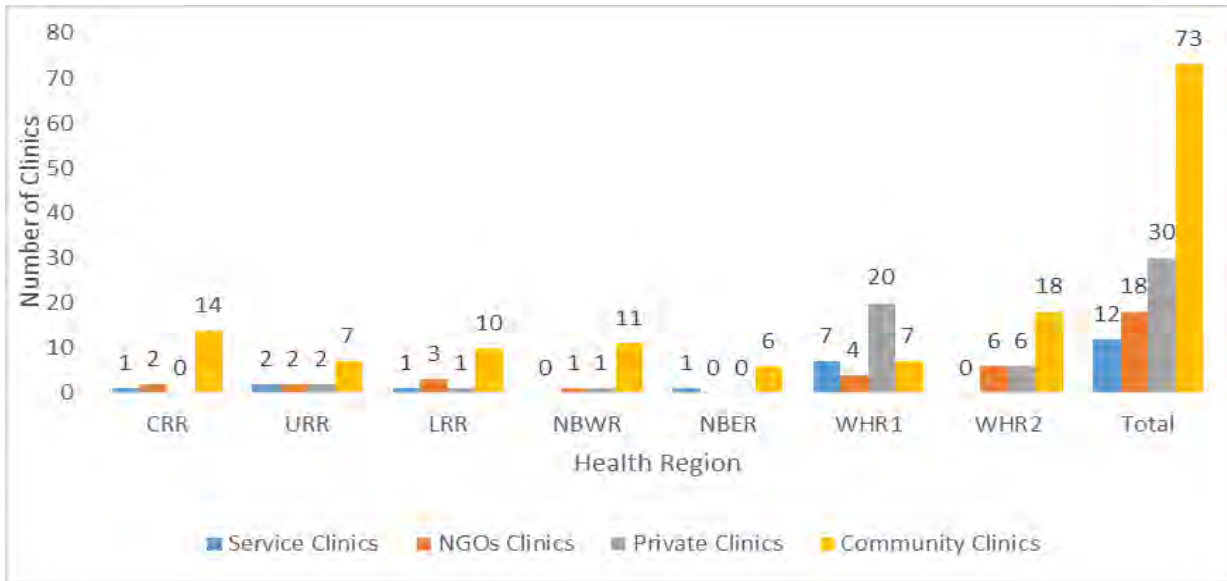
Source; HMIS 2019

Figure 10. Number of health facilities by region, The Gambia 2019



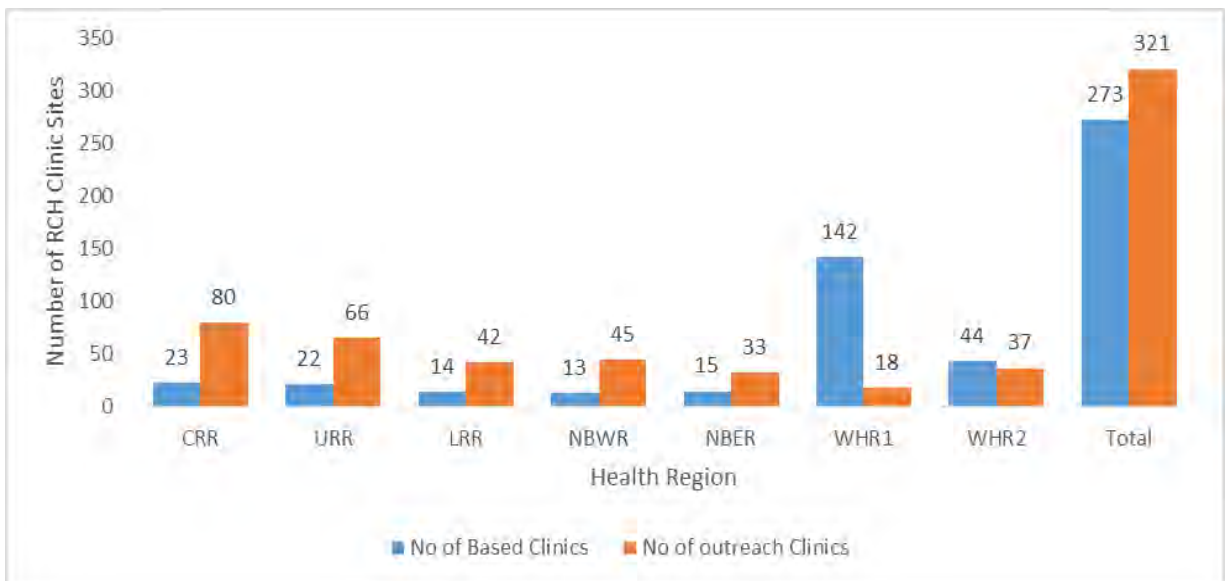
Source; HMIS 2019

Figure 11. Number of Clinics by health region, the Gambia 2019



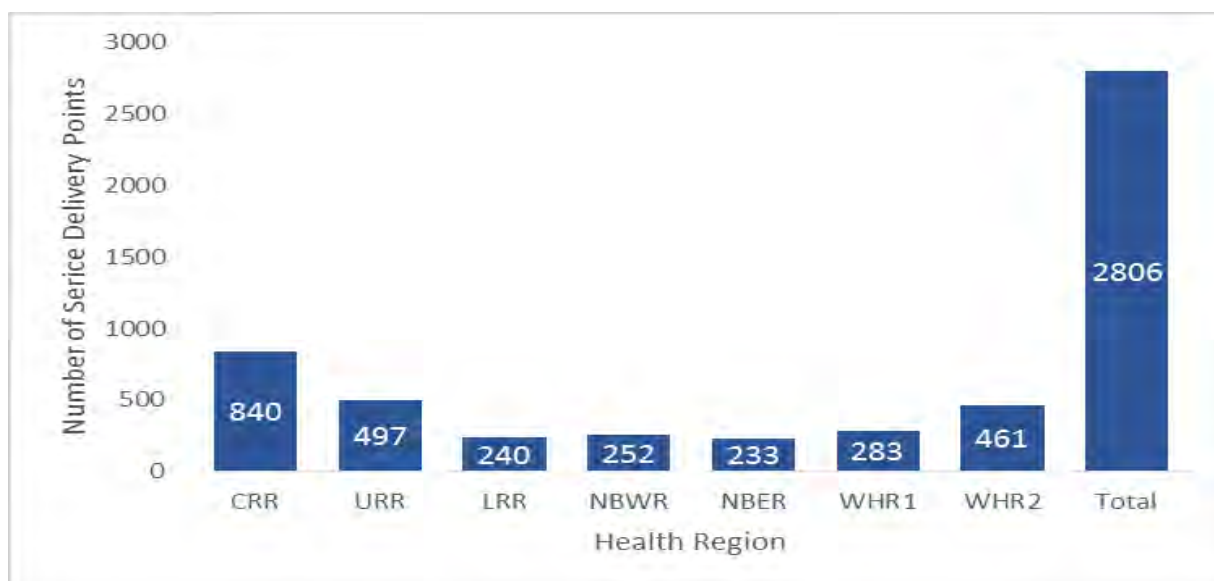
Source; HMIS, 2019

Figure 12. Number of RCH clinic sites by health region, The Gambia, 2019



Source: HMIS, 2019

Figure 13. Number of services delivery points by health region, The Gambia 2019



Source: HMIS, 2019

### 3.1 Primary Health Care Villages and Circuits

Currently about 50% of the villages in the Gambia are PHC villages. These villages are disproportionately located in different regions served by village health workers and CBCs, however, a considerable number of the PHC villages have untrained VHWs and CBCs. With the current approach by the ministry in revitalising PHC strategy, there are now one hundred and nineteen PHC circuits with nine hundred and forty PHC villages. The number of non PHC villages in 2019 was nine hundred and fifty seven.

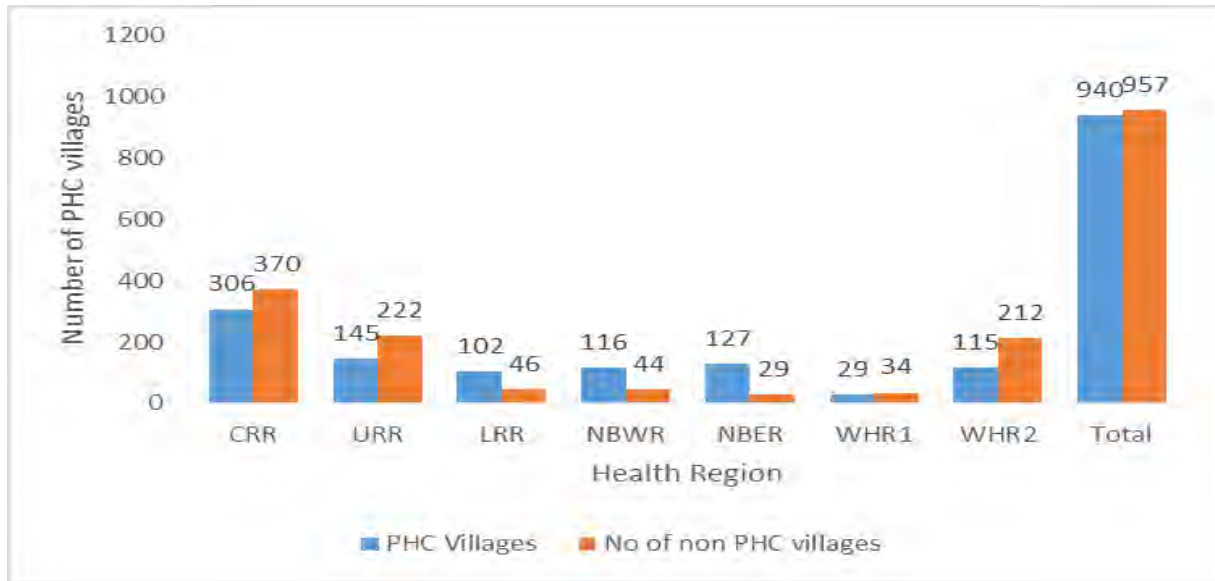
Table 5 Number and percentage of PHC villages by health region, The Gambia 2019

REGION	PHC Villages	No of non PHC villages	Total	% of PHC Villages
CRR	306	370	676	45%
URR	145	222	367	40%
LRR	102	46	148	69%
NBWR	116	44	160	73%
NBER	127	29	156	81%
WHR1	29	34	63	46%
WHR2	115	212	327	35%
<b>Total</b>	<b>940</b>	<b>957</b>	<b>1897</b>	<b>50%</b>

Source: HMIS, 2019

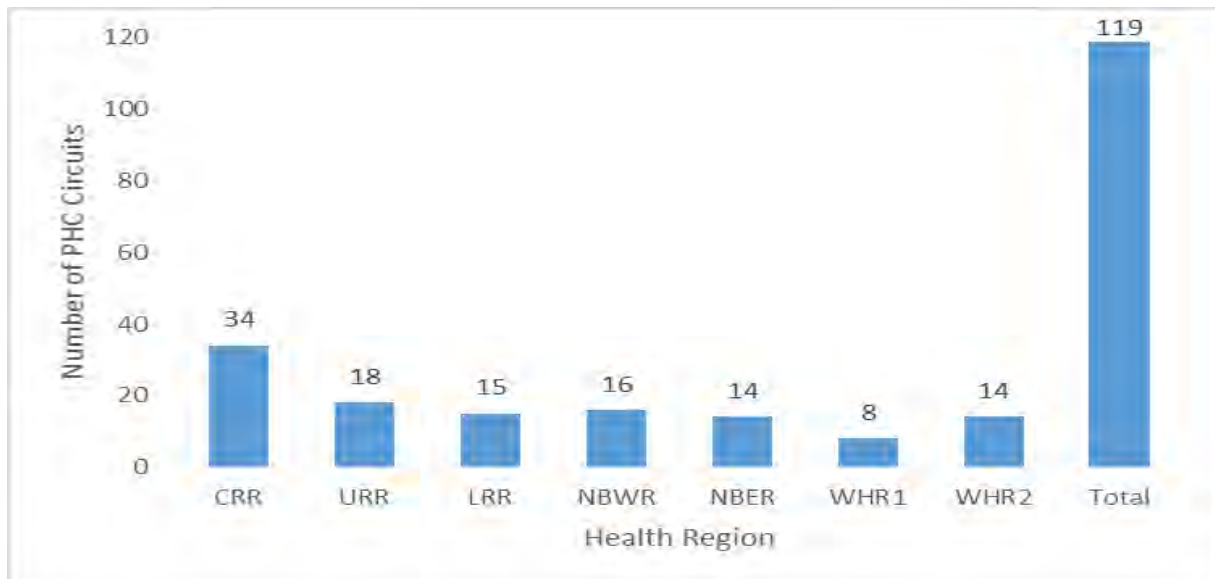


Figure 14. Number of PHC villages by health region, The Gambia, 2019



Source: HMIS, 2019

Figure 15. Number of PHC circuits by health region, The Gambia 2019



Source: HMIS, 2019

#### 4. Hospital Beds

A hospital bed or hospital cot is a bed specially designed for hospitalized patients or others in need of some form of health care. These beds have special features both for the comfort and wellbeing of the patients and for the convenient of health care workers. Common features include adjustable height for the entire bed, the head and feet. Adjustable side rails, and electronic buttons to operate both the bed and other nearby electronic devices.

Hospital beds and other similar types of beds are used not only in hospitals, but in other health care facilities and settings, such as nursing homes, outpatient clinics and in-home health care facilities. While the term “hospital bed” can refer to the actual bed, the term “bed” is also used to describe the amount of space in a health care facility, as the capacity for the number of patients at the facilities is measured in available “beds.”

In 2019, there were Two thousand, three hundred and sixty-one hospital beds available in the public and private health facilities, see Table 6 below. 53.62% of the beds are in the hospitals, 11.94% are in district hospitals, 5.51% in major health centers, 24.44% in the minor health centers, 1.86% and 2.63% in the NGO and private health facilities respectively. 71.83% were inpatient beds use for admission, 6.69% were antenatal and 14.06% were post-natal beds whilst 7.41% were delivery beds.

Table 6. Number of hospital beds by region and type, The Gambia, 2019

REGIONS	INPATIENT	ANTE NATAL	DELIVERY BEDS		POST NATAL	TOTAL
CRR	229		41	31	64	365
URR	171		22	28	38	259
LRR	90		7	17	17	131
NBWR	43		12	14	21	90
NBER	172		13	18	29	232
WHR2	182		14	25	44	265
WHR1	800		49	43	117	1009
<b>TOTAL</b>	<b>1687</b>		<b>158</b>	<b>176</b>	<b>330</b>	<b>2351</b>

Source: HMIS, 2019

Table 7. Number of hospital beds per 100,000 populations, The Gambia 2019

Type of Health Facility	INPATIENT	ANTE NATAL	DELIVERY BEDS	POST NATAL	Total	PROPORTION/100000	%
Hospital	1056	70	36	104	1266	55.68	53.62
District Hospital	210	14	25	33	282	12.40	11.94
Major	72	9	18	31	130	5.72	5.51
Minor	296	57	81	143	577	25.38	24.44
NGO	20	4	10	10	44	1.94	1.86
Private	42	4	5	11	62	2.73	2.63
Total	1696	158	175	332	2361	103.84	100.00
%	71.83	6.69	7.41	14.06	100.00		

Source: HMIS, 2019

## 5.0 Completeness and timeliness of monthly returns

Monitoring of the completeness and timeliness of the monthly health facility returns and the CHN monthly summary forms routinely are generated by the DHIS 2 database. All health facility and VHS reports are expected to reach regional health directorate by the 5<sup>th</sup> of the preceding month for timely submission. At the regional level, data is punched into the database by the regional data managers. Each facility and VHS monthly report is expected to be verified and validated by at least one senior staff of RHD for completeness and any other correction before punching. Once the data is punched, the system marks it complete by indicating the time the punching was done. Regions are expected to complete data punching on or before the 10<sup>th</sup> of the following month to meet timeliness as per HMIS standard. Timeliness of returns is also physically verified in the log book at the RHDs.

In 2019, the number of expected monthly health facilities returns was two thousand, two hundred and sixty eight (2,268) from one hundred and eighty-nine health facilities (189). Out of this, one thousand seven hundred and fifty eight (1758; 77.5%) reports were actually received. WHR2 had the lowest 55% (n=284) report submission from health facilities in 2019.

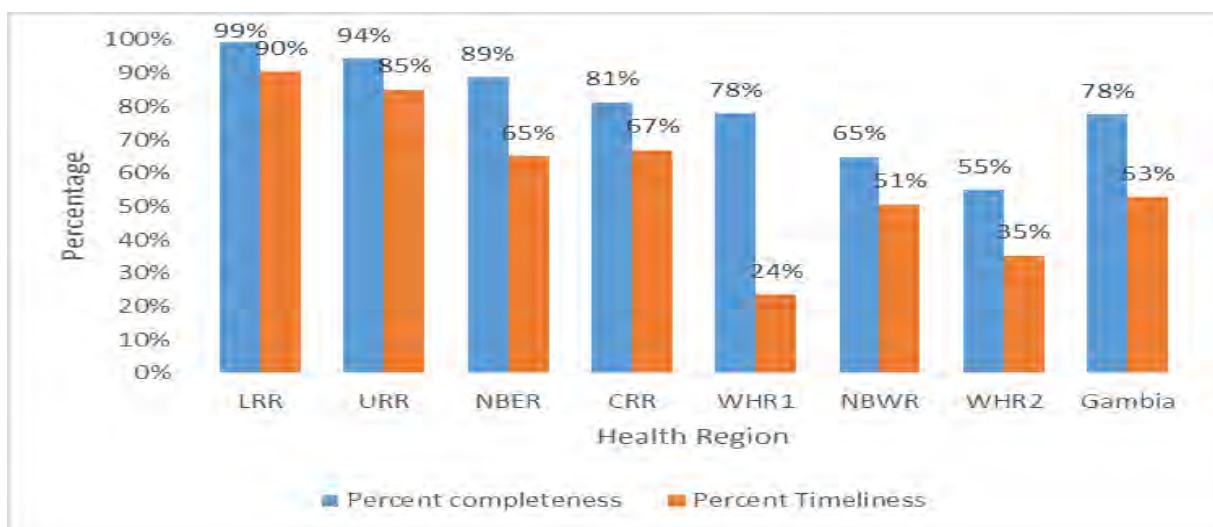
For the VHS returns, most of the regions were above 80% completeness of reports for 2019. However in 2019 WHR2 had 68.9% (n=959) of their reports submitted on time.

Table 8. Completeness and Timeliness of the health facility monthly returns, The Gambia 2019

Regions	Actual Reports	Expected Reports	Percent	Reports On Time	Timeliness
LRR	238	240	99.2	217	90.4
URR	272	288	94.4	245	85.1
NBER	160	180	88.9	117	65
CRR	283	348	81.3	233	67
WHR1	412	528	78	124	23.5
NBWR	109	168	64.9	85	50.6
WHR2	284	516	55	182	35.3
Gambia	1758	2268	77.5	1203	53

Source: HMIS, 2019

Figure 16. Percentage of Completeness and Timeliness of Health Facilities Returns by Region, The Gambia 2019



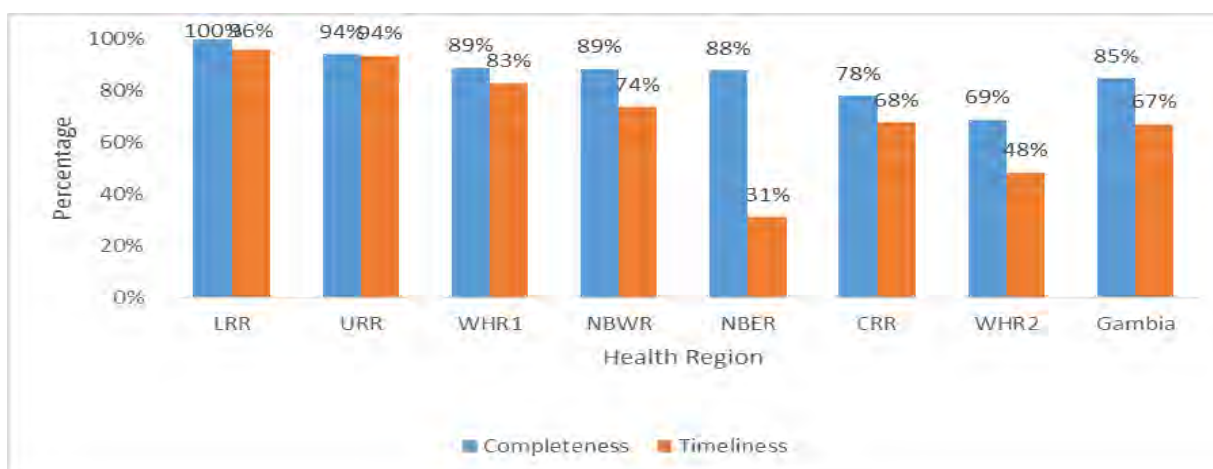
Source: HMIS, 2019

Table 9. Completeness and Timeliness of the village health service returns, The Gambia 2019

REGIONS	Actual Reports	Expected Reports	Completeness	Reports On Time	Timeliness
LRR	1223	1224	99.90%	1179	96.30%
URR	1188	1260	94.30%	1180	93.70%
WHR1	235	264	89%	219	83%
NBWR	1307	1476	88.60%	1088	73.70%
NBER	1426	1620	88%	507	31.30%
CRR	2237	2868	78%	1947	67.90%
WHR2	959	1392	68.90%	674	48.40%
Gambia	8575	10104	84.90%	6794	67.20%

Source: HMIS, 2019

Figure 17. Percentage of Completeness and Timeliness of Village Health Service returns, The Gambia 2019



Source: HMIS, 2019

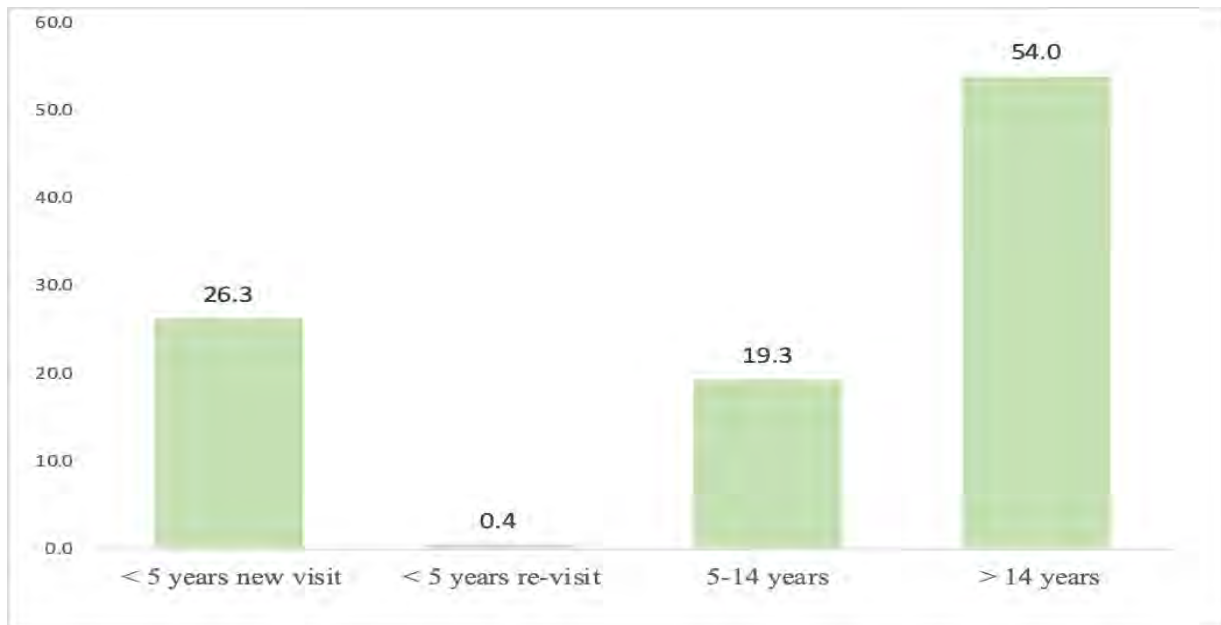
## 6.0 Service utilizations

### 6.1 Outpatient Services

Outpatient Services in 2019 was one million, seven hundred and thirty-three thousand, seven hundred and ninety-four (1,733,794) new visits recorded by the health facilities. Out of the total new visits made, majority of them were female 58% (n=998,241) while males represent 42% (n=735,553). Patient more than 14 years of age were mostly 54% seen for new OPD visits followed by patient <5 years of age (26.3%) see figure 18 and table 9 below.

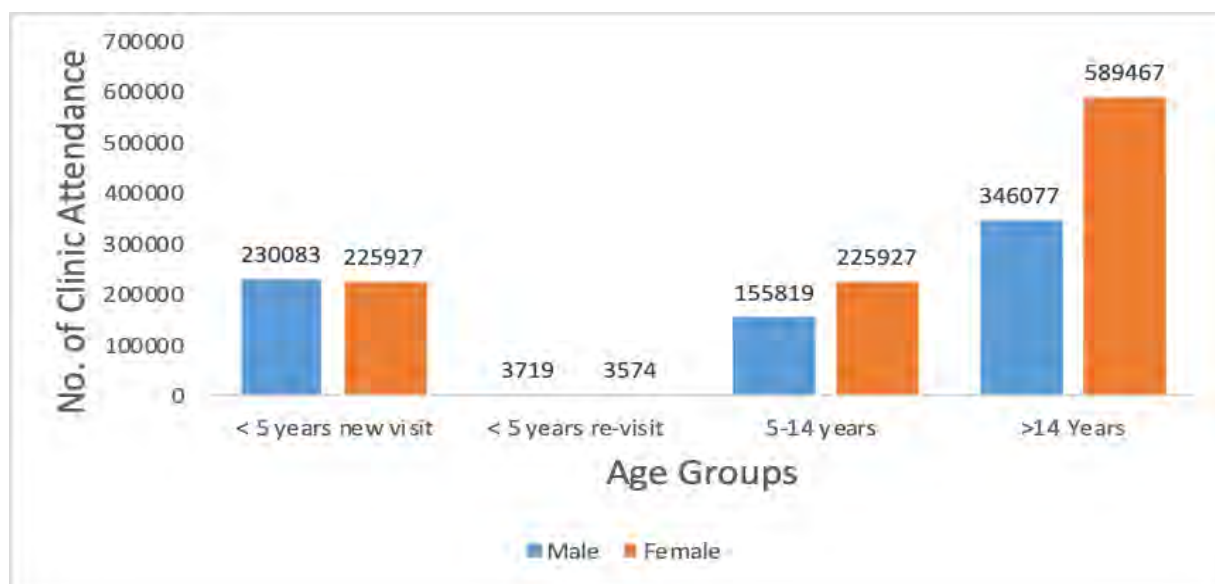
Outpatient revisit is a situation where a patient made consultation for the same illness/condition more than once within the same month. In 2019, only seven thousand two hundred and ninety-three (7,293) OPD revisit consultations was reported for children <5 years old representing less than one percent 0.4% of the total OPD consultation. Out of these 50.4% were male and 49.5% female of these revisits. See table below.

Figure 18. Percentage of OPD visits by age category reported, The Gambia 2019



Source: HMIS, 2019

Figure 19. Total new outpatient consultation reported by gender and age group, The Gambia 2019



Source: HMIS, 2019

Table 10. Number and percentage of OPD visits by patients <5years of age to health facilities, The Gambia

Region	< 5 years new visit			< 5 years re-visit		
	Male	Female	Total	Male	Female	Total
Central River	42365(50.8)	41045(49.2)	83410	210(48.7)	221(51.3)	431
Lower River	18573(51.8)	17293(48.2)	35866	36(53.7)	31(46.3)	67
North Bank East	23314(51.0)	22404(49.0)	45718	390(52.9)	347(47.1)	737
North Bank West	16540(52.6)	14900(47.4)	31440	274(50.4)	270(49.6)	544
Upper River	33249(50.3)	32915(49.7)	66164	148(48.2)	159(51.8)	307
Western 1	61037(49.9)	61177(50.1)	122214	1451(49.5)	1478(50.5)	2929
Western 2	35005(49.2)	36193(50.8)	71198	1065(46.8)	1213(53.2)	2278
<b>Total</b>	<b>230083(50.5)</b>	<b>225927(49.5)</b>	<b>456010</b>	<b>3574(49.0)</b>	<b>3719(51.0)</b>	<b>7293</b>

Source: HMIS, 2019

Table 11. Number and percentage of OPD visits by patients 5 years and above to health facilities, The Gambia 2019

Region	5-14 years			>14 Years		
	Male	Female	Total	Male	Female	Total
Central River	15717(44.8)	19399(55.2)	35116	40126(31.6)	86803(68.4)	126929
Lower River	10087(49.8)	10181(50.2)	20268	19292(33.2)	38828(66.8)	58120
North Bank East	8177(46.5)	9390(53.5)	17567	20481(31.1)	45383(68.9)	65864
North Bank West	7720(48.1)	8325(51.9)	16045	16868(31.6)	36543(68.4)	53411
Upper River	20917(47.3)	23292(52.7)	44209	39402(36.6)	68177(63.4)	107579
Western 1	65260(46.2)	76081(53.8)	141341	136481(39.4)	209903(60.6)	346384
Western 2	27941(46.3)	32460(53.7)	60401	73427(41.4)	103830(58.6)	177257
<b>Total</b>	<b>155819(46.5)</b>	<b>179128(53.5)</b>	<b>334947</b>	<b>346077(37.0)</b>	<b>589467(63.0)</b>	<b>935544</b>

Source: HMIS, 2019

## 6.2 Infant Welfare Clinics

Infant welfare clinic (IWC) attendance plays significant role in reducing under-five morbidity and mortality. It provides the benefit of frequent contact between parents, children and health care providers especially during the first two years of life. In 2019, fifty-six thousand two hundred and fifty-nine (56,259) new IWC attendance <1months of age were reported. Compared to 2018 (n=58,354), there is a drop (-4%) of new IWC attendance <1months. Similar situation was observed for IWC attendance for one month and above. See table 11 and 12 below.

Table 12. Number of IWC attendance by health region, The Gambia 2019

Regions	New attendances <1 month	New clinic attendance IWC > 1 month
Central River	10,209	14,586
Lower River	2,703	1,293
North Bank East	3,218	2,123
North Bank West	4,012	2,248
Upper River	8,377	9,920
Western 1	18,388	39,359
Western 2	9,352	8,446
<b>Total</b>	<b>56,259</b>	<b>77,975</b>

Source: HMIS, 2019

Table 13. Number of New clinic attendance IWC by gender, The Gambia 2019

Region	New IWC <1 month		New IWC > 1 month		IWC All other attendances	
	Male	Female	Male	Female	Male	Female
Central River	5,152	5,057	6,929	7,657	60,570	63,778
Lower River	1,343	1,360	621	672	30,418	30,673
North Bank East	1,651	1,567	1,067	1,056	39,225	39,749
North Bank West	1,946	2,066	10,796	11,452	31,422	33,029
Upper River	4,123	4,254	4,248	5,672	69,591	73,645
Western 1	9,290	9,098	19,722	19,637	11,5882	114,037
Western 2	4,626	4,726	4,285	4,161	70,868	79,857
<b>Total</b>	<b>28,131</b>	<b>28,128</b>	<b>47,668</b>	<b>50,307</b>	<b>41,7976</b>	<b>43,4768</b>

Source: HMIS, 2019

### 6.3 Ante Natal Care Services

In 2019, ninety-nine thousand and seventy-five (99,075) women registered for antenatal care services in the Gambia. 13.6% (n=13,234) of those who registered were less than 20 years and 87% (n=85,841) of them were women in 20 years and above.

Nationally 23% (n=23216) of antenatal women had registered in their first trimester. Regionally early ante natal booking in NBWR and URR are promising with more than half of the women who registered were in their first trimester 54% (n=3087) and URR 51% (n=5610) respectively see figure 20 below. NBER had 43% (n=2549) whilst WHR2 registered the lowest 9% (n=1214) first trimester bookings.

Table 14. Number of antenatal clinic (ANC) attendance by age group and region, The Gambia 2019

Region	First trimester visit	Completing 3 other scheduled visits*	Received iron supplementation	First attendance < 20 years	First attendance 20 years of age and over
Central River	3,974	84	39,273	2,618	8,464
Lower River	1,404	192	13,828	790	3,520
North Bank East	2,549	438	14,641	1,099	4,810
North Bank West	3,087	282	19,201	944	4,766
Upper River	5,610	1,686	41,444	2,091	9,014
Western 1	5,378	28,066	133,463	3,968	22,091
Western 2	1,214	7,330	24,064	1,724	11,176
<b>Total</b>	<b>23,216</b>	<b>38,078</b>	<b>28,5914</b>	<b>13,234</b>	<b>85,841</b>

Source: HMIS, 2019

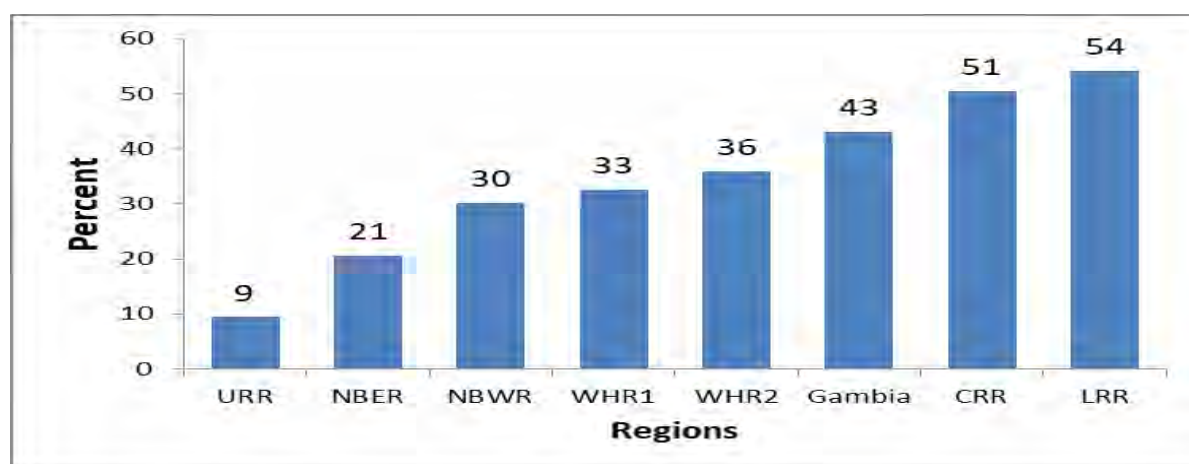


*Note WHO recommend 8+1 contacts for all antenatal mothers to promote safe motherhood*

Region	Total postnatal attendance	Completing 3 postnatal care services
Central River	11,449	6,628
Lower River	3,277	1,872
North Bank East	3,182	3,830
North Bank West	5,382	3,828
Upper River	8,495	6,175
Western 1	18,253	6,006
Western 2	4,077	1,552
<b>Total</b>	<b>54,115</b>	<b>29,891</b>

Source; HMIS, 2019

Figure 20. Percentage of ANC first trimester visits, The Gambia 2019



Source; HMIS, 2019

#### 6.4 Intermittent Preventive Treatment in Pregnancy (IPTp-SP)

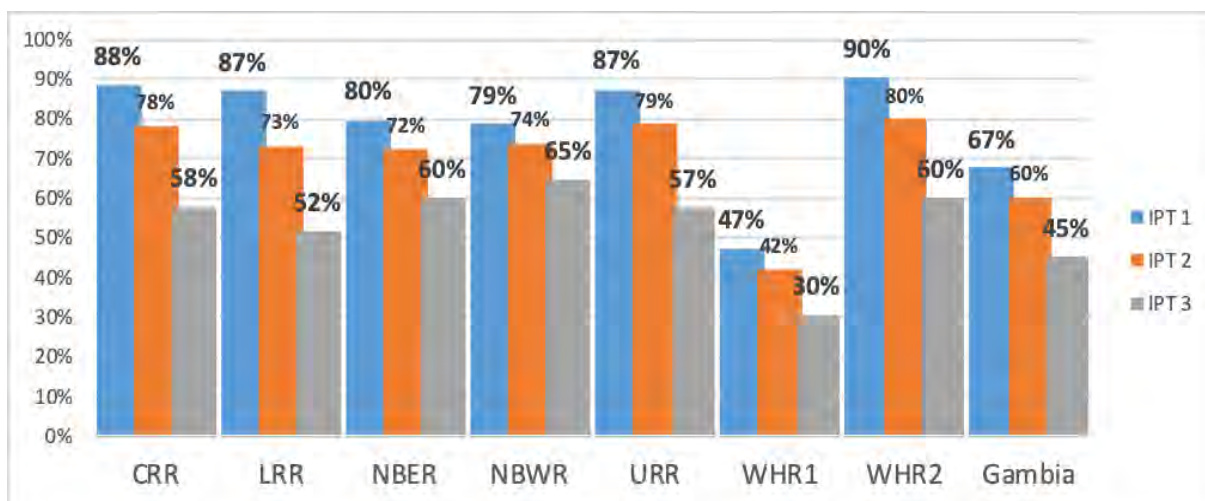
In 2019, a total of one hundred and ninety-five thousand, eight hundred and four (195, 804) doses of IPTp was administered to pregnant women during ANC clinics attendance. Out this, 67% (n=66,848) of them received IPTp first dose, 60% (n=59,528) received IPTp second dose whilst only 45% (n=44,600) received IPTp three dose. Regionally women who received IPTp one dose was higher WHR2 90% (n=11,655) and CRR 88% (n=9,783). IPTp two dose was higher in WHR2 80% (n=10,295), URR 79% (n=8,729) and CRR 78% (n=9,783).

Table 15. Number of Antenatal women who received Intermittent Preventive Treatment (IPTp-SP) for Malaria

Region	IPT 1st Dose	IPT 2nd Dose	IPT 3rd Dose	IPT 4th Dose	Total	Total ANC first attendance
Central River	9,783	8,678	6,386	3,580	28,427	11,082
Lower River	3,745	3,157	2,228	1,318	10,448	4,310
North Bank East	4,708	4,263	3,539	2,267	14,777	5,909
North Bank West	4,483	4,214	3,692	2,359	14,748	5,710
Upper River	9,709	8,729	6,374	3,250	28,062	11,105
Western 1	22,765	20,192	14,650	8,283	65,890	48,059
Western 2	11,655	10,295	7,731	3,771	33,452	12,900
<b>Total</b>	<b>66,848</b>	<b>59,528</b>	<b>44,600</b>	<b>24,828</b>	<b>195,804</b>	<b>99,075</b>

Source: HMIS, 2019

Figure 21. Proportion of pregnant woman attending ANC who received a dose of IPTp for malaria, The Gambia 2019



Source: HMIS, 2019

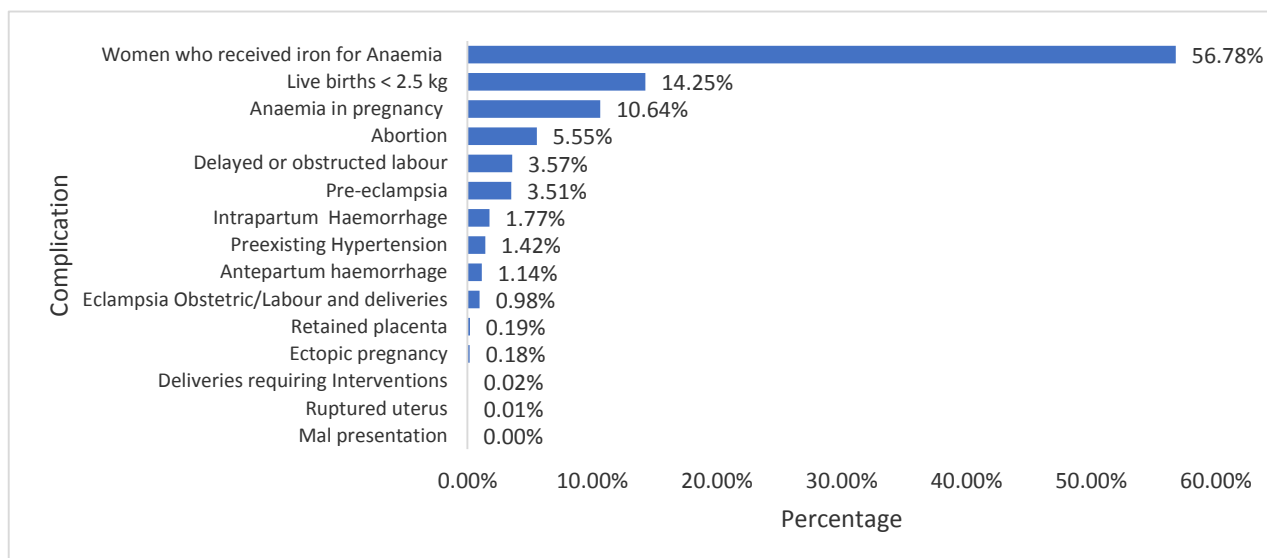
## 6.5 Obstetric/Labour and deliveries

Table 16. Number of Obstetric, labour and deliveries conditions, The Gambia 2019

Conditions	Number
Mal presentation	0
Ruptured uterus	6
Deliveries requiring Interventions	7
Ectopic pregnancy	80
Retained placenta	87
Eclampsia Obstetric/Labour and deliveries	443
Antepartum haemorrhage	517
Preexisting Hypertension	644
Intrapartum Haemorrhage	802
Pre-eclampsia	1,592
Delayed or obstructed labour	1,623
Abortion	2,520
Anaemia in pregnancy	4,833
Live births < 2.5 kg	6,472
Women who received iron for Anaemia	25,784
<b>Total</b>	<b>45,410</b>

Source: HMIS 2019

Figure 22. Percentage of Obstetric, labour and delivery Complication recorded at health Facilities, The Gambia



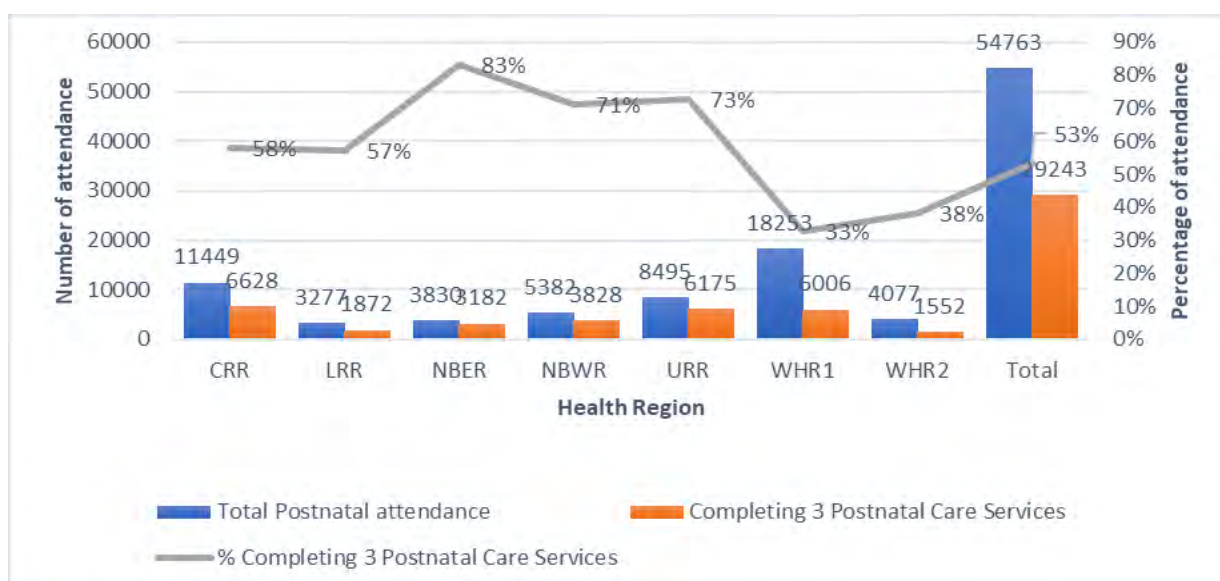
Source: HMIS 2019

## 6.6 Postnatal Care Clinic Attendance

Postnatal services are provided to women immediately after delivery and according to the RMNCAH Policy, all women must complete three post-natal care services within forty-two days of delivery. The services provided to the mother and baby includes: Vital observations for mother – Blood Pressure, Temperature, Pulse, RR, Hb, protein, Lochia (Colour, Quantity and Odour), Uterine Involution (CM), Breast, Perineum and counselling on family planning. Baby – Temperature, Cord Condition, Skin colour/condition, Condition of Eye, Birth defect, Weight and any remark.

Nationally, in 2019 53% (n=29243) of all post-natal mothers had completed three post-natal care services. Regionally only WHR1 (33%) and WHR2 (38%) were below 50% of women completing three post-natal in 2019 and NBER had the highest (83%) proportion of women completing three postnatal services.

Figure 23. Number and percentage of post-natal attendance and completing three post-natal care services, The Gambia 2019



Source: HMIS 2019

## 6.7 RCH Services

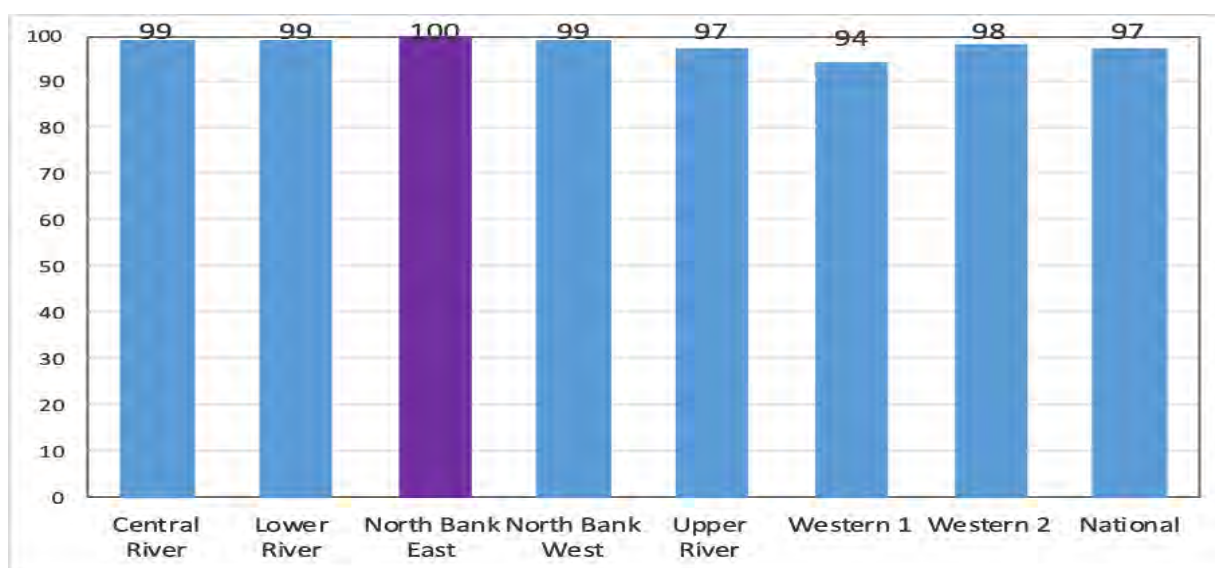
Eight thousand, three hundred and fifty-five (8,355) Reproductive Maternal Neonatal Child and Adolescent Health (RMNCAH) (formerly called RCH) clinics were scheduled in 2019, out of which, 97% (n=8,122) were held whilst 3% (n=157) were cancelled. All the regions, had above 90% clinic held see figure 24. The major reasons for clinic cancellation was due to holidays.

Table 17. Number of RCH clinic scheduled, held and cancelled, The Gambia 2019

Regions	Clinics Scheduled	Clinics Held	Clinics Cancelled
Central River	1220	1209	11
Lower River	712	707	5
North Bank East	581	581	0
North Bank West	725	720	5
Upper River	1131	1102	29
Western 1	2898	2734	164
Western 2	1088	1069	19
<b>National</b>	<b>8355</b>	<b>8122</b>	<b>233</b>

Source: HMIS 2019

Figure 24. Percentage of RCH Clinic Held by Health Region, The Gambia 2019



Source: HMIS 2019

Table 18. Reasons for clinic cancellation, The Gambia 2019

Regions	Public Holiday	Fuel Unavailability	Staff Unavailability	Vehicle Unavailability
Central River	11	0	0	0
Lower River	5	0	0	0
North Bank East	0	0	0	0
North Bank West	5	0	0	0
Upper River	28	1	0	0
Western 1	164	0	0	0
Western 2	19	0	0	0

Source: HMIS, 2019

## 7.0 Malaria

In the Gambia, the National Malaria Policy made it mandatory to confirm all suspected malaria cases with either blood film (BF) or the use of rapid diagnosis test kit (RDT) prior to initiating treatment. However, until now this remain a major challenge as seen in table 18, where almost one hundred and fifty-nine thousand (159,000) \* cases of those tested for malaria were not captured under suspected malaria cases. The number of uncomplicated malaria confirmed cases has drop significantly from 2018 to 2019. Nationally a total of fifty-three thousand, one hundred and thirty-six (53,136) uncomplicated malaria cases was reported at health facilities in 2019 compared to eighty-eight thousand, six hundred and fifty-four cases (88,654) confirmed cases reported in 2018. Cases of uncomplicated confirmed malaria were less seen among under-fives than the above five in 2019.

Table 19. Number of suspected and confirmed malaria cases reported at health facilities by regions, The Gambia 2019

Region	Suspected Malaria Cases	RDT Positive	RDT Negative	Lab positive	Lab Negative	Total Test	Differences
CRR	58,713	4,237	54,622	17	918	59,794	(1,081)
LRR	19,522	1,578	17,118	270	4,306	23,272	(3,750)
NBER	23,728	589	25,462	11	601	26,663	(2,935)
NBWR	9,166	252	9,817	64	1,319	11,452	(2,286)
URR	89,899	21,366	67,314	2,246	6,003	96,929	(7,030)
WHR1	151,618	8,546	146,709	7,471	109,829	272,555	(120,937)
WHR2	88,956	7,033	85,373	2,257	15,274	109,937	(20,981)
Total	441,602	43,601	406,415	12,336	138,250	600,602	(159,000)

Source: HMIS, 2019

Table 20. Number of confirmed malaras reported by Health facilities by age, The Gambia 2019

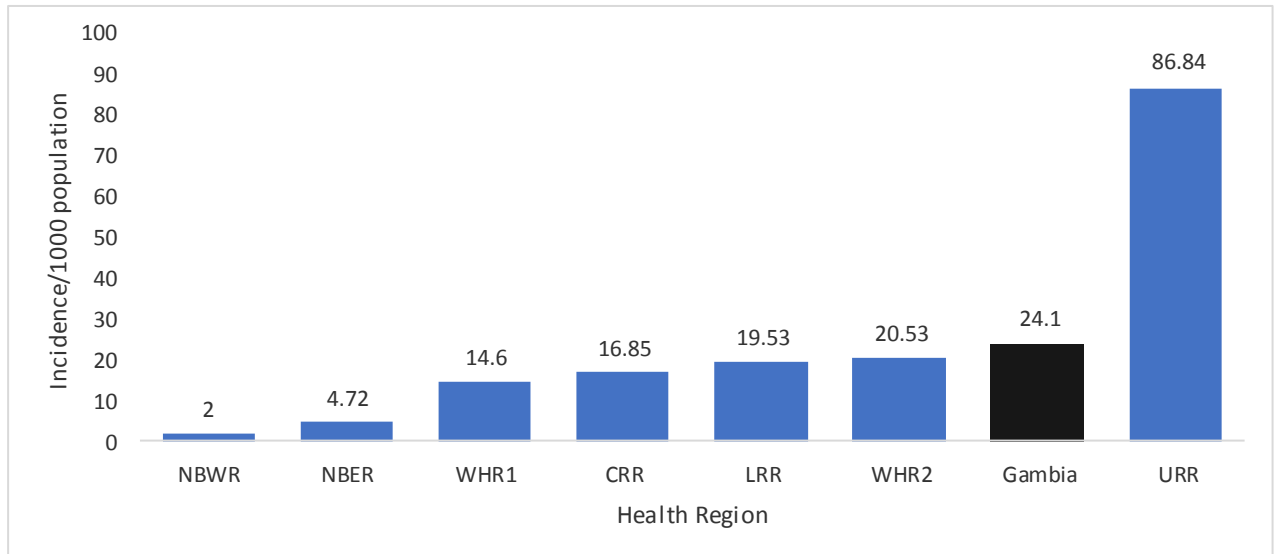
Regions	Uncomplicated malaria cases		Severe malaria cases		Malaria deaths	
	< 5 yrs	> 5 yrs	< 5 yrs	> 5 yrs	< 5 yrs	> 5 yrs
Central River	342	3721	50	133	2	2
Lower River	123	1537	19	21	1	6
North Bank East	37	508	7	46	0	2
North Bank West	41	208	1	4	0	0
Upper River	1297	22178	126	430	0	18
Western 1	1874	11059	141	312	2	0
Western 2	1578	8633	108	252	1	7
Total	5292	47844	452	1198	6	35

Source: HMIS, 2019

### 7.1 Incidence of malaria per 1000 population by region

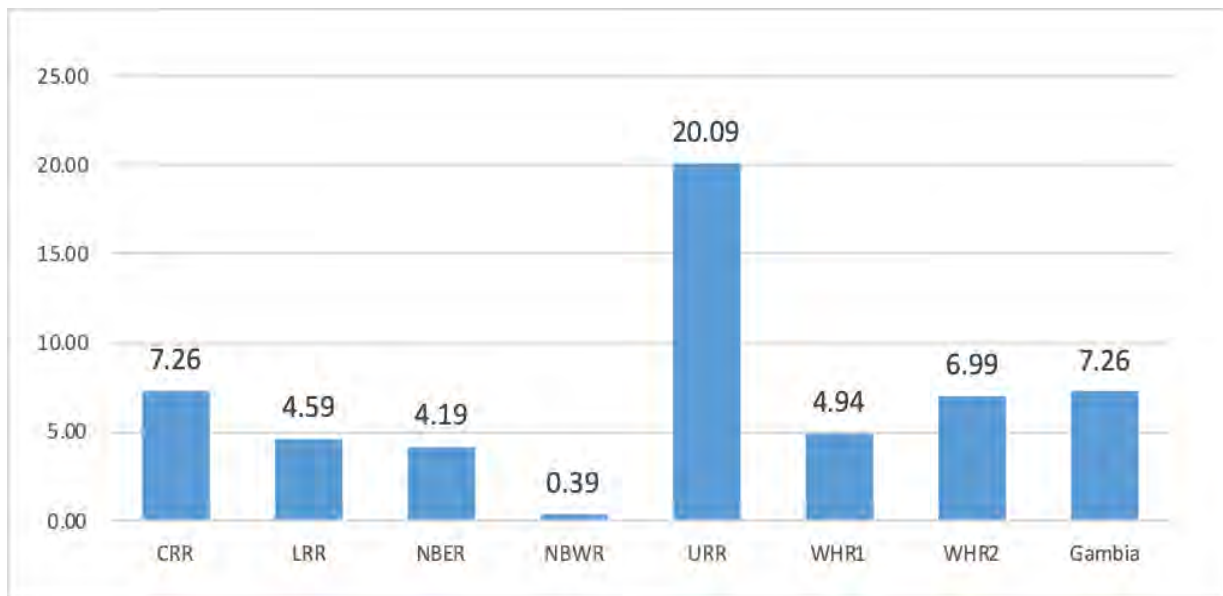
Regionally in 2019, the highest incidence of malaria occurred in URR with 86.84 per 1000 population followed by WHR2 20.53 per 1000 population and LRR 19.53 per 1000 population.

Figure 25. Incidence of malaria per 1000 population by region, The Gambia 2019



Source: HMIS 2019

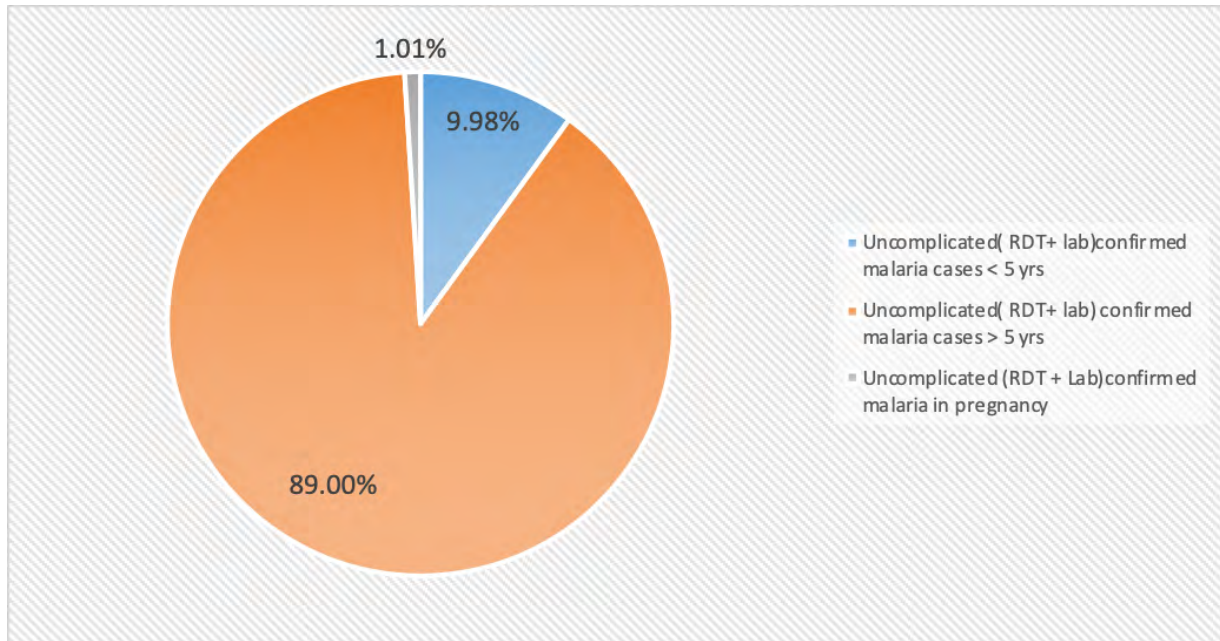
Figure 26. Number of malaria admissions per 10,000 population, The Gambia 2019



Source: HMIS 2019

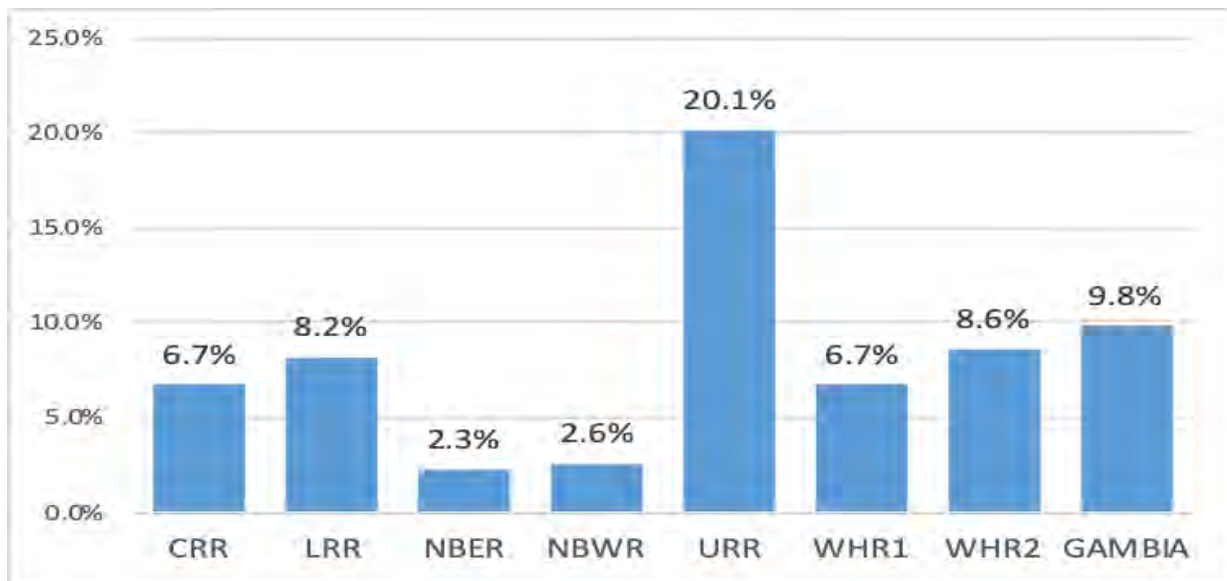


Figure 27. Percentage of Uncomplicated Confirmed Malaria Cases Reported at OPD clinics by age group, 2019



Source: HMIS 2019

Figure 28. The rate of malaria test positivity by region, The Gambia 2019



Source: HMIS 2019



## 8.0 Institutional deliveries

### 8.1 Deliveries conducted at Health Facilities

Institutional delivery has increased from fifty nine thousand, eight hundred (59,800) in 2018 to sixty four thousand, one hundred and forty-four (64,144) deliveries in 2019. About 51.4% of total deliveries conducted in 2019 were male children. Out of the total deliveries, 93.11% were normal deliveries, 3.43 % Caesarean Sections, 1.50% Breech, 1.18% Vacuum Delivery and 0.92% Other Delivery. 95.99% of all delivery outcomes were live birth and 85.89% of the live births were more than 2.5kg and 10.09% of live birth were less than 2.5kg. 0.793% of Fresh Stillbirths were more than 2.5kg while 0.931% was less than 2.5kg. 0.66% of Macerated Stillbirths were more than 2.5kg and 1.14% were less than 2.5kg. 26.06% of all Fresh stillbirths occurred in WHR, follow by CRR 18.19% and 16.72% in WHR2. Similarly, 28.29% of all Macerated still birth occurred in WHR1, follow by 19.12% in CRR and 17.39% in WHR2. North bank west region reported the lowest cases (4.41%) macerated still birth in 2019.

Table 21: Number of deliveries by type conducted at the health facilities in 2019, The Gambia

	Breech	Caesarean sections	Normal delivery	Other delivery	Vacuum delivery
Central River	161	331	8122	88	110
Lower River	47	0	2573	26	6
North Bank East	63	237	4775	89	12
North Bank West	86	0	4277	80	7
Upper River	89	88	8222	6	41
Western 1	323	1202	20736	69	496
Western 2	196	341	11017	229	84

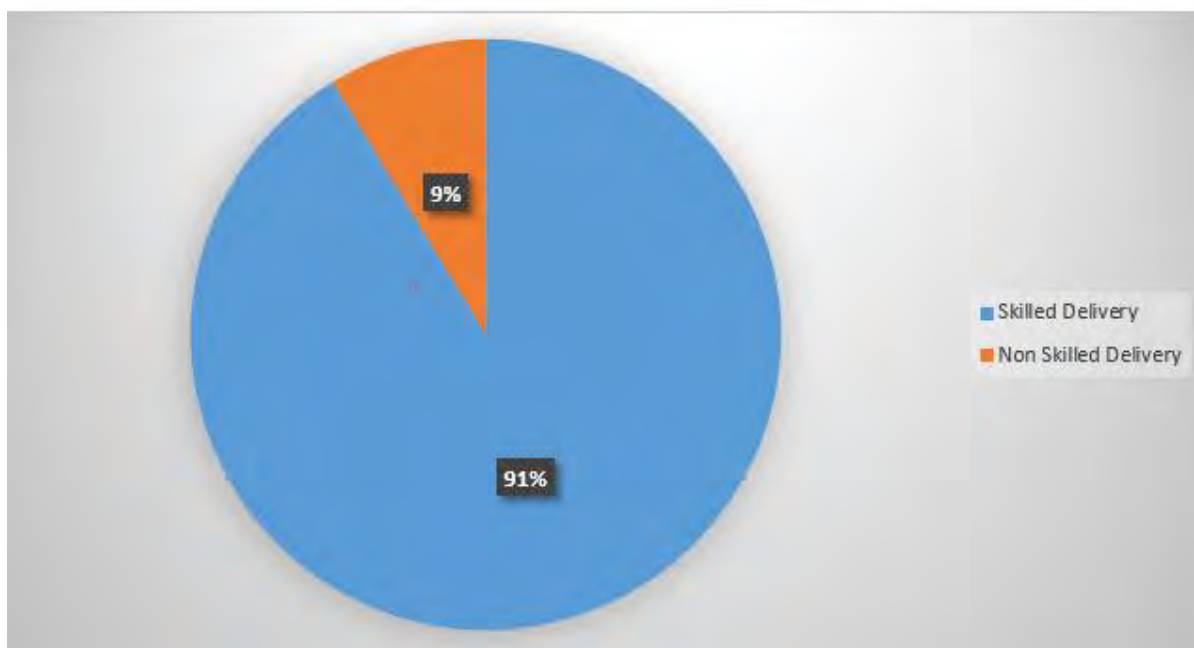
Sources: HMIS, 2019

Table 22: Percentage of deliveries' outcome conducted at the health facilities, The Gambia, Jan to Dec 2019

	Breech	Caesarean sections	Normal delivery	Other delivery	Vacuum delivery
CRR	1.8%	3.8%	93.2%	1.0%	1.3%
LRR	1.8%	0.0%	96.4%	1.0%	0.2%
NBER	1.2%	4.5%	91.3%	1.7%	0.2%
NBWR	1.6%	0.0%	77.2%	1.4%	0.1%
URR	1.1%	1.0%	97.7%	0.1%	0.5%
WHR1	1.4%	5.3%	91.4%	0.3%	2.2%
WHR2	1.6%	2.8%	91.8%	1.9%	0.7%

Sources: HMIS, 2019

Figure 29. Percentage of Skilled and Unskilled Delivery Conducted at the Health Facilities, The Gambia, 2019



Source: HMIS 2019

Table 23: Number and Percentage of Skilled Delivery Conducted at the Health Facilities, The Gambia, 2019

Health Region	Live birth			Skilled deliveries			
	Male	Female	Total	Male	Female	Total	Percentage
<i>CRR</i>	4370	3941	8311	4347	3942	8289	95.16
<i>LRR</i>	1263	1277	2540	1299	1305	2604	97.53
<i>NBER</i>	2517	2379	4896	2500	2354	4854	92.83
<i>NBWR</i>	2218	2190	4408	2209	2116	4325	97.45
<i>URR</i>	4189	3887	8076	4347	4000	8347	99.22
<i>WHR1</i>	11409	10684	22093	10056	10158	20214	89.10
<i>WHR2</i>	5689	5556	11245	5185	4757	9942	82.87
<b>National</b>	<b>31655</b>	<b>29914</b>	<b>61569</b>	<b>29943</b>	<b>28632</b>	<b>58575</b>	<b>91.32</b>

Sources: HMIS, 2019

Table 24: Number and Percentage Of Live Births Attended By Health Facilities, The Gambia 2019

Health Region	Live births < 2.5 kg				Live births > 2.5 kg			
	Male	Female	Total	Percentage	Male	Female	Total	Percentage
<i>CRR</i>	334	366	700	10.82	4036	3575	7611	13.81
<i>LRR</i>	109	145	254	3.92	1154	1132	2286	4.15
<i>NBER</i>	152	182	334	5.16	2365	2197	4562	8.28
<i>NBWR</i>	123	144	267	4.13	2095	2046	4141	7.52
<i>URR</i>	313	391	704	10.88	3876	3496	7372	13.38
<i>WHR1</i>	1670	1652	3322	51.33	9739	9032	18771	34.07
<i>WHR2</i>	392	499	891	13.77	5297	5057	10354	18.79
<b>National</b>	<b>3093</b>	<b>3379</b>	<b>6472</b>	<b>100.00</b>	<b>28562</b>	<b>26535</b>	<b>55097</b>	<b>100.00</b>

Sources: HMIS, 2019

Table 25: Number and percentage of Fresh stillbirths attended by health facilities, The Gambia 2019

Health Region	Fresh Stillbirths < 2.5 kg				Fresh Stillbirths ≥ 2.5 kg			
	Male	Female	Total	Percentage	Male	Female	Total	Percentage
<i>CRR</i>	45	40	85	16.70	45	55	100	19.69
<i>LRR</i>	10	7	17	3.34	7	8	15	2.95
<i>NBER</i>	55	30	85	16.70	54	21	75	14.76
<i>NBWR</i>	13	15	28	5.50	10	13	23	4.53
<i>URR</i>	40	32	72	14.15	34	48	82	16.14
<i>WHR1</i>	63	67	130	25.54	69	66	135	26.57
<i>WHR2</i>	45	47	92	18.07	35	43	78	15.35
<b>National</b>	<b>271</b>	<b>238</b>	<b>509</b>	<b>100.00</b>	<b>254</b>	<b>254</b>	<b>508</b>	<b>100.00</b>

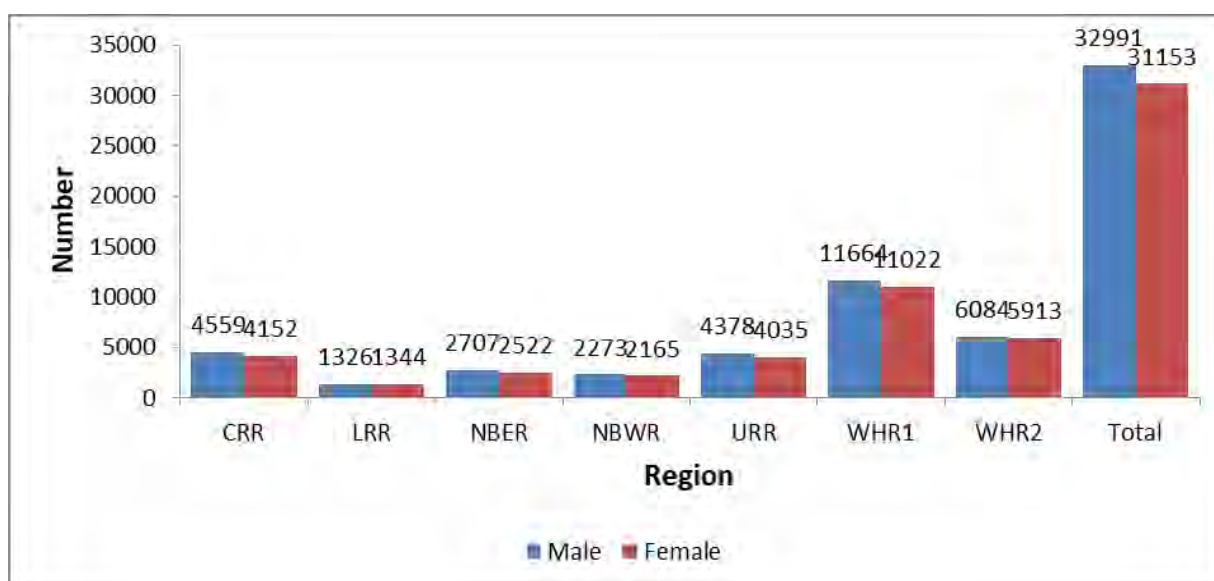
Sources: HMIS, 2019

Table 26 : Number and percentage of macerated stillbirths attended by health facilities, The Gambia 2019

Health Region	Macerated stillbirths < 2.5kg				Macerated Stillbirths ≥ 2.5kg			
	Male	Female	Total	Percentage	Male	Female	Total	Percentage
<i>CRR</i>	73	80	153	20.90	33	35	68	16.04
<i>LRR</i>	23	18	41	5.60	14	6	20	4.72
<i>NBER</i>	39	33	72	9.84	19	21	40	9.43
<i>NBWR</i>	20	19	39	5.33	3	9	12	2.83
<i>URR</i>	58	43	101	13.80	57	25	82	19.34
<i>WHR1</i>	109	94	203	27.73	67	57	124	29.25
<i>WHR2</i>	72	51	123	16.80	46	32	78	18.40
<b>National</b>	<b>394</b>	<b>338</b>	<b>732</b>	<b>100.00</b>	<b>239</b>	<b>185</b>	<b>424</b>	<b>100.00</b>

Sources: HMIS, 2019

Figure 30. Number of Total Deliveries Conducted at Health Facilities, The Gambia 2019



Source: HMIS 2019

## 8.2 Deliveries Conducted At the Village Health Service

Despite the effort to encourage and promote institutional delivery, women still continue to deliver at village health service level. At that level, Community Birth Companions or CBCs (formerly called traditional births attendants) still provides delivery services to women even whereas the new policy orientation has limit their role to only escorting antennal women to health facilities during labour. In 2019

In 2019, a total of three thousand eight hundred and forty nine (3,849) deliveries were conducted at community. Out this 60.1% were attended by CBCs and the highest CBC deliveries occurred in URR (34%), NBER (19%) and CRR (15%). The total live births in 2019 was three thousand seven hundred and ninety (3790), out of which CBC live births was 60%.

Table 27: Number of Deliveries at Health Facilities and VHS Reported by Regions in 2019

Health Region	Facility Deliveries	VHS Deliveries	Total Deliveries
CRR	8711	451	9162
LRR	2670	356	3026
NBER	5229	546	5775
NBWR	4438	622	5060
URR	8413	1055	9468
WHR1	22686	469	23155
WHR2	11997	350	12347
<b>National</b>	<b>64144</b>	<b>3849</b>	<b>67993</b>

Source: HMIS 2019

Table 28: Number of Live Births conducted at Health Facilities and VHS Reported by the Regions in 2019.

	Health Facility Live Births	VHS Live Births	Total Live Births
<i>Central River</i>	8311	428	8739
<i>Lower River</i>	2540	350	2890
<i>North Bank East</i>	4896	540	5436
<i>North Bank West</i>	4408	614	5022
<i>Upper River</i>	8076	1039	9115
<i>Western 1</i>	22093	469	22562
<i>Western 2</i>	11245	350	11595
<b><i>National</i></b>	<b>61569</b>	<b>3790</b>	<b>65359</b>

Source: HMIS, 2019

Table 29: Number of Still Births at Health Facilities and VHS Reported by the Regions in 2019

	Macerated Still Births	Fresh Still Births	VHS Still Births	Total Still Births
<i>CRR</i>	221	185	23	429
<i>LRR</i>	61	32	6	99
<i>NBER</i>	112	160	6	278
<i>NBWR</i>	52	51	8	111
<i>URR</i>	183	154	16	353
<i>WHR1</i>	327	265	0	592
<i>WHR 2</i>	201	170	0	371
<b><i>National</i></b>	<b>1157</b>	<b>1017</b>	<b>59</b>	<b>2233</b>

Source: HMIS, 2019

Table 30: Number of malaria cases by age and gender in The Gambia, 2019

Region	Male < 5	Male > 5	Female < 5	Female > 5	MIP Female > 5
CRR	7	54	8	43	1
LRR	1	6	3	4	0
NBER	2	7	3	3	0
NBWR	4	2	3	2	0
URR	11	43	10	33	2
WHR1	0	0	0	0	0
WHR2	0	0	0	1	0
<b>Total</b>	<b>25</b>	<b>112</b>	<b>27</b>	<b>86</b>	<b>3</b>

Source: HMIS 2019

Table 31: Number of Suspected Malaria Cases Reported by VHW by Region 2019

Region	Suspected Malaria Cases Male < 5	Suspected Malaria Cases Male > 5	Suspected Malaria Cases Female < 5	Suspected Malaria Cases Female > 5
CRR	113	239	103	219
LRR	25	16	20	13
NBER	143	134	128	117
NBWR	709	633	649	628
URR	134	157	136	131
WHR1	0	0	0	0
WHR2	5	16	5	19
<b>Total</b>	<b>1129</b>	<b>1195</b>	<b>1041</b>	<b>1127</b>

Source: HMIS 2019

Table 32: Number of Coartem Issue by VHW and Reported by Region 2019

Region	Coartem 6 Male < 5	Coartem 6 Female < 5	Coartem 12 Male < 5	Coartem 12 Male > 5	Coartem 12 Female > 5	Coartem 18 Male > 5	Coartem 18 Female > 5	Coartem 24 Male > 5	Coartem 24 Female > 5
CRR	1	0	2	6	11	10	11	32	18
LRR	0	0	0	0	0	0	0	0	0
NBER	2	2	1	1	0	0	0	7	2
NBWR	0	0	0	0	0	0	0	3	0
URR	3	3	0	8	7	11	9	14	11
WHR1	0	0	0	0	0	0	0	0	0
WHR2	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>15</b>	<b>18</b>	<b>21</b>	<b>20</b>	<b>56</b>	<b>31</b>

Source: HMIS 2019

Table 33: Number of Deaths Reported at the Village Health Service by Region 2019

Region	Infant deaths Male < 5	Infant deaths Female < 5	Deaths Male < 5	Deaths Male > 5	Deaths Female < 5	Deaths Female > 5
CRR	5	8	6	64	7	56
LRR	3	7	24	60	17	62
NBER	3	5	3	32	8	23
NBWR	14	16	9	76	18	60
URR	1	3	5	65	9	76
WHR1	0	0	2	16	3	17
WHR2	4	1	9	79	3	58
<b>Total</b>	<b>30</b>	<b>40</b>	<b>58</b>	<b>392</b>	<b>65</b>	<b>352</b>

Source: HMIS 2019

Table 34: Number of Malnutrition at the Community by 2019

Region	VHW Malnutrition Male	VHW Malnutrition Female
CRR	50	55
LRR	86	92
NBER	2	3
NBWR	35	52
URR	22	33
WHR1	7	8
WHR2	2	2
<b>Total</b>	<b>204</b>	<b>245</b>

Source: HMIS 2019

Table 35: Number of Home Visits by VHW Reported by Region 2019

Region	VHW Home visits (No. of visits)
CRR	8446
LRR	5920
NBER	2748
NBWR	6608
URR	4309
WHR1	1686
WHR2	2267
<b>Total</b>	<b>31984</b>

Source: HMIS 2019

Table 36: Number of Referrals to Health Facilities at the VHW Reported by Region 2019.

Region	Male < 5	Male > 5	Female < 5	Female > 5
CRR	1961	1705	1834	1716
LRR	1919	1990	1830	1533
NBER	890	844	846	1405
NBWR	1515	1307	1520	1430
URR	2306	2072	2300	2146
WHR1	321	362	138	96
WHR2	226	168	210	227
<b>Total</b>	<b>9138</b>	<b>8448</b>	<b>8678</b>	<b>8553</b>

Source: HMIS 2019

## 9.0 Maternal Health Services

Table 37: Number of Maternal Conditions Reported by Regions in 2019.

	Abortion	Anaemia in Pregnancy	Antepartum Haemorrhage	Delayed or Obstructed Labour
Central River	433	723	115	505
Lower River	157	271	17	68
North Bank East	162	354	155	167
North Bank West	201	649	22	64
Upper River	370	566	45	105
Western 1	841	1445	98	568
Western 2	356	825	65	146
<b>National</b>	<b>2520</b>	<b>4833</b>	<b>517</b>	<b>1623</b>

Sources HMIS, 2019

Table 38: Number of Maternal Conditions Reported by Regions in 2019.

	Live births < 2.5 kg	Mal presentation	Preexisting Hypertension
Central River	700	0	18
Lower River	254	0	32
North Bank East	334	0	38
North Bank West	267	0	43
Upper River	704	0	46
Western 1	3322	0	315
Western 2	891	0	152
<b>National</b>	<b>6472</b>	<b>0</b>	<b>644</b>

Sources HMIS, 2019



Table 39: Number of Maternal Conditions Reported by Regions in 2019.

	Eclampsia Obstetric / Labour and Deliveries	Ectopic Pregnancy	Intrapartum Haemorrhage
Central River	88	10	193
Lower River	33	5	16
North Bank East	38	9	33
North Bank West	14	0	25
Upper River	66	0	82
Western 1	161	44	309
Western 2	43	12	144
<b>National</b>	<b>443</b>	<b>80</b>	<b>802</b>

Source: HMIS, 2019

Table 40: Number of Maternal Conditions Reported by Regions in 2019

Region	Pre-Eclampsia	Retained Placenta	Ruptured Uterus
Central River	326	6	1
Lower River	64	6	0
North Bank East	99	10	2
North Bank West	77	2	0
Upper River	330	3	0
Western 1	550	46	1
Western 2	146	14	2
<b>National</b>	<b>1592</b>	<b>87</b>	<b>6</b>

Sources HMIS, 2019

## 10.0 Diarrhoea

Table 41: Number of Diarrhoea Cases Reported by Regions in 2019.

	< 5 years Male	< 5 years Female	> 5 years Male	> 5 years Female
Central River	7813	10551	0	0
Lower River	3489	3046	8	12
North Bank East	3158	2757	158	250
North Bank West	2245	1997	12	14
Upper River	4181	3913	0	0
Western 1	8057	7673	308	506
Western 2	6013	6190	96	125
<b>National</b>	<b>34956</b>	<b>36127</b>	<b>582</b>	<b>907</b>

Sources HMIS, 2019

Table 42: Number of diarrhoea with some Dehydration Reported by Regions in 2019.

Region	Diarrhoea with some dehydration < 5 years cases Male	Diarrhoea with some dehydration < 5 years cases Female
Central River	683	587
Lower River	353	293
North Bank East	137	126
North Bank West	299	304
Upper River	1091	1056
Western 1	189	147
Western 2	519	526
<b>National</b>	<b>3271</b>	<b>3039</b>

Sources HMIS, 2019

Table 43: Number of Diarrhea with Severe Dehydration Reported by Regions in 2019.

	< 5 years		> 5 years	
	< 5 years Male	Female	Male	Female
Central River	19	15	13	39
Lower River	18	13	6	5
North Bank East	37	23	5	1
North Bank West	11	11	7	14
Upper River	65	66	22	24
Western 1	71	60	19	28
Western 2	61	65	28	20
<b>National</b>	<b>282</b>	<b>253</b>	<b>100</b>	<b>131</b>

Sources HMIS, 2019

Table 44: Number of Diarrhoea with Blood / Mucus Inpatient Cases Reported by Regions in 2019.

	< 5 years		> 5 years	
	Male	Female	Male	Female
Central River	0	0	2	12
Lower River	0	0	4	0
North Bank East	7	3	1	3
North Bank West	0	1	0	0
Upper River	14	12	17	21
Western 1	3	3	3	1
Western 2	2	1	4	2
<b>National</b>	<b>26</b>	<b>30</b>	<b>31</b>	<b>39</b>

Sources HMIS, 2019

## 11.0 Mental Health Services

Table 45: Number of mental disorders Reported at Health by Health Facilities by Gender, The Gambia Jan to Dec 2019

Mental Disorders	OPD Cases				Inpatient cases			
	Male	Female	Total	Percent	Male	Female	Total	Percent
Anxiety disorder	126	243	369	1.71	0	3	3	2.34
Child mental disorder	3	5	8	0.04	0	0	0	0.00
Dementia the elderly	109	194	303	1.41	2	3	5	3.91
Depression	430	242	672	3.12	1	1	2	1.56
Drug induced psychosis	3019	173	3192	14.81	2	0	2	1.56
Epilepsy	4150	4556	8706	40.40	39	52	91	71.09
Mania	43	38	81	0.38	0	0	0	0.00
Organic psychosis	866	691	1557	7.22	8	4	12	9.38
Other mental disorders	15	37	52	0.24	0	0	0	0.00
Phobia	134	301	435	2.02	0	0	0	0.00
Pregnancy related mental disorders	0	11	11	0.05	0	2	2	1.56
Schizophrenia	3786	2379	6165	28.61	7	4	11	8.59
Total	12681	8870	21551	100	59	69	128	100.00

Sources HMIS, 2019

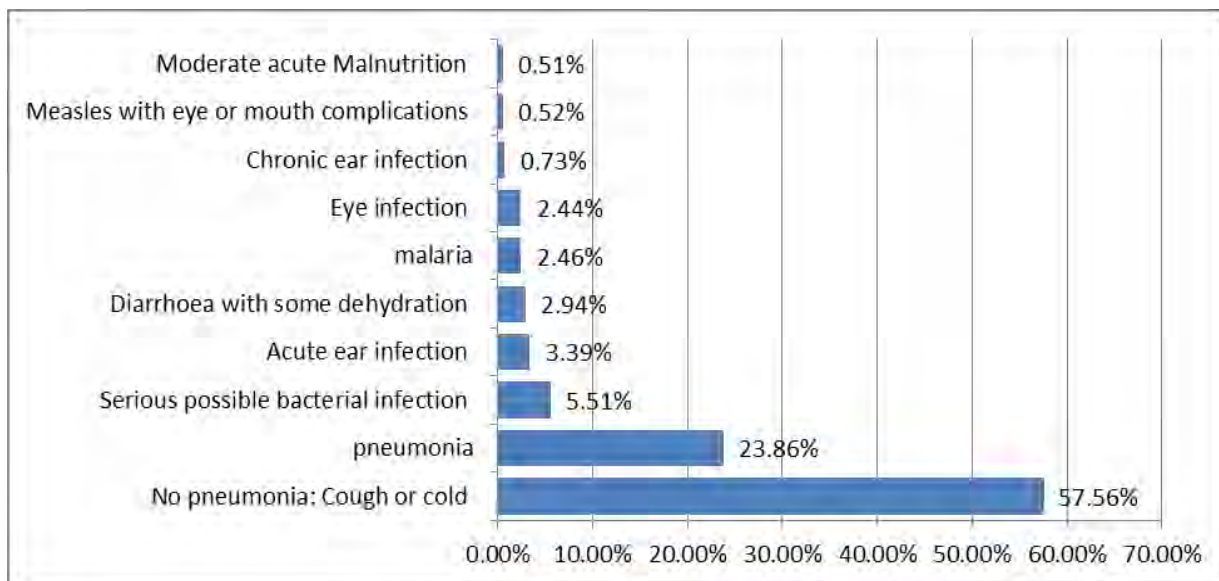
## 12.0 IMNCI

In 2019, one hundred and sixty-six thousand, five hundred and five (166,505) IMNCI cases recorded at RCH and OPD were reported nationally. Most of these cases were due to cough or cold, 74%; serious possible bacteria 7%; acute ear infection 4% ; diarrhea above 4%; and confirmed uncomplicated malaria 3%.

IMNCI admissions reported in 2019 eight thousand, and twenty three, out of which severe pneumonia accounted for 42.71% of all admission cases followed by severe malaria 20.56%; Serious possible bacterial infection, 12.58%; Severe acute malnutrition ,6.73%; Severe anaemia, 6.30% and Severe persistent diarrhea, 2.71%.

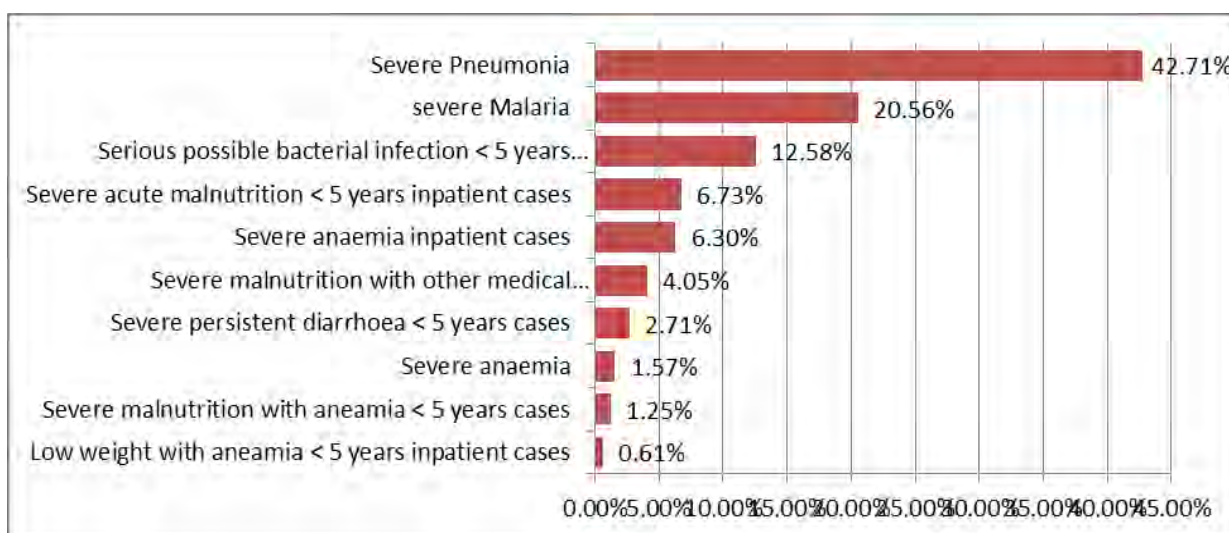
Severe possible bacterial infection is the leading (54%) causes of deaths reported by health facilities among children under-fives followed by severe acute malnutrition 11.54% and the third highest was severe anemia 10.68%. Malaria only accounted for 3% of the total under deaths.

Figure 31. Percentage of the ten (10) Major Causes of under-five morbidity recorded in 2019 The Gambia



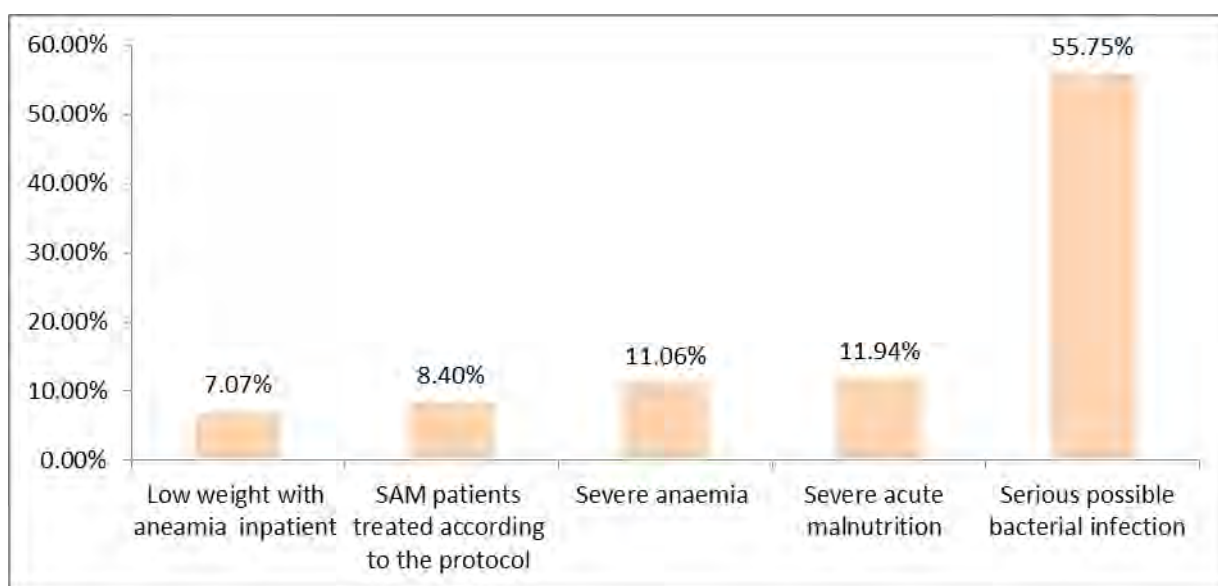
Sources HMIS, 2019

Figure 32. Ten leading Causes of under Fives Admission Recorded at Health Facilities, The Gambia, 2019



Source, HMIS 2019

Figure 33. Five leading Causes of under Fives mortality Recorded at Health Facilities, The Gambia, 2019



Sources HMIS, 2019

Table 46: Number of Acute Ear Infections reported by Regions in 2019.

Region	Male < 5 Years	Female < 5 Years
Central River	486	459
Lower River	333	284
North Bank East	276	277
North Bank West	307	248
Upper River	599	534
Western 1	953	1137
Western 2	712	678
<b>National</b>	<b>3666</b>	<b>3617</b>

Sources HMIS, 2019

Table 47: Admissions Due to Acute EAR Infections reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	0	0
Lower River	4	0
North Bank East	2	0
North Bank West	1	2
Upper River	2	0
Western 1	10	4
Western 2	0	1
<b>National</b>	<b>19</b>	<b>7</b>

Sources HMIS, 2019

Table 48: Number of Eye Infections reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	374	348
Lower River	259	265
North Bank East	376	327
North Bank West	222	237
Upper River	372	324
Western 1	350	380
Western 2	659	742
<b>National</b>	<b>2612</b>	<b>2623</b>

Sources HMIS, 2019

Table 49: Number of Moderated Acute Malnutrition Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	11	9
Lower River	119	81
North Bank East	8	11
North Bank West	5	5
Upper River	59	71
Western 1	141	182
Western 2	194	208
<b>National</b>	<b>1107</b>	<b>567</b>

Sources HMIS, 2019

Table 50: Number of No Pneumonia: Cough or Cold Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	11430	11491
Lower River	4738	4421
North Bank East	4532	4273
North Bank West	3735	3677
Upper River	7823	7823
Western 1	16792	18763
Western 2	11266	12592
<b>National</b>	<b>60316</b>	<b>63040</b>

Sources HMIS, 2019

Table 51: Number of Pneumonia cases Reported by Regions in 2019.

Region	Male < 5 yrs	Female < 5 yrs
Central River	4601	4015
Lower River	3395	2895
North Bank East	4232	3843
North Bank West	3483	3105
Upper River	5783	5277
Western 1	2218	1648
Western 2	3293	3348

Sources HMIS, 2019

Table 52: Number of Severe pneumonia cases Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	292	234
Lower River	77	51
North Bank East	178	126
North Bank West	181	117
Upper River	585	438
Western 1	302	235
Western 2	319	294
<b>Total</b>	<b>1934</b>	<b>1495</b>

Sources HMIS, 2019

Table 53: Number of SAM Patient Treated According to the Protocol Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	100	136
Lower River	30	45
North Bank East	68	79
North Bank West	56	69
Upper River	159	270
Western 1	25	24
Western 2	10	18
<b>National</b>	<b>448</b>	<b>641</b>

Sources HMIS, 2019

Table 54: Admitted SAM Patients Treated According to the Protocol Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	78	57
Lower River	13	6
North Bank East	7	4
North Bank West	19	10
Upper River	1	
Western 1	82	90
Western 2	18	9
<b>National</b>	<b>218</b>	<b>176</b>

Sources HMIS, 2019

Table 55: Admitted SAM Patients Treated According to the Protocol and Died Reported by Regions in 2019

Region	Male < 5 years	Female < 5 years
Central River	6	2
Lower River	4	4
North Bank East	2	0
North Bank West	0	0
Upper River	0	0
Western 1	1	0
Western 2	0	0
<b>National</b>	<b>13</b>	<b>6</b>

Sources HMIS, 2019

Table 56: Number of Serious Possible Bacterial Infection Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	1413	1319
Lower River	402	431
North Bank East	153	161
North Bank West	284	251
Upper River	1487	1386
Western 1	1558	1576
Western 2	670	731
<b>National</b>	<b>5967</b>	<b>5855</b>

Sources HMIS, 2019



Table 57: Admission Due to Serious Possible Bacterial Infection Reported by Regions in 2019

Region	Male < 5 years	Female < 5 years
Central River	233	207
Lower River	15	15
North Bank East	76	45
North Bank West	49	29
Upper River	92	75
Western 1	103	65
Western 2	3	3
<b>National</b>	<b>571</b>	<b>439</b>

Sources HMIS, 2019

Table 58: Deaths Due to Serious Possible Bacterial Infection Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	53	38
Lower River	0	0
North Bank East	5	2
North Bank West	0	0
Upper River	14	6
Western 1	5	3
Western 2	0	0
<b>National</b>	<b>77</b>	<b>49</b>

Sources HMIS, 2019

Table 59: Number of Severe Acute Malnutrition Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	13	19
Lower River	10	13
North Bank East	23	24
North Bank West	43	44
Upper River	122	127
Western 1	34	29
Western 2	11	24
<b>National</b>	<b>256</b>	<b>280</b>

Sources HMIS, 2019

Table 60: Admission Due to Severe Acute Malnutrition Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	16	13
Lower River	21	19
North Bank East	21	24
North Bank West	15	11
Upper River	16	24
Western 1	104	108
Western 2	78	70
<b>National</b>	<b>271</b>	<b>269</b>

Sources HMIS, 2019

Table 61: Deaths Due to Severe Acute Malnutrition Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	5	2
Lower River	2	5
North Bank East	2	2
North Bank West	1	1
Upper River	0	0
Western 1	2	0
Western 2	2	3
<b>National</b>	<b>14</b>	<b>13</b>

Sources HMIS, 2019

Table 62: Number of Severe Anaemia Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	0	0
Lower River	4	3
North Bank East	55	52
North Bank West	0	0
Upper River	2	1
Western 1	0	1
Western 2	3	5
<b>National</b>	<b>64</b>	<b>62</b>

Sources HMIS, 2019

Table 63: Admission Due to Severe Anaemia Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	53	35
Lower River	24	23
North Bank East	14	23
North Bank West	3	3
Upper River	80	71
Western 1	39	45
Western 2	38	55
<b>National</b>	<b>251</b>	<b>255</b>

Sources HMIS, 2019

Table 64: Deaths Due to Severe Anaemia Reported by Regions in 2019

Region	Male < 5 years	Female < 5 years
Central River	3	4
Lower River	2	2
North Bank East	3	4
North Bank West	0	0
Upper River	0	0
Western 1	2	3
Western 2	1	1
<b>National</b>	<b>11</b>	<b>14</b>

Sources HMIS, 2019

Table 65: Number of Severe Malnutrition with Anaemia Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	2	0
Lower River	4	3
North Bank East	6	0
North Bank West	2	3
Upper River	9	5
Western 1	24	21
Western 2	12	10
<b>National</b>	<b>59</b>	<b>42</b>

Sources HMIS, 2019

Table 66: Admission Due to Severe Malnutrition with Other Medical Complications Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	2	
Lower River	6	3
North Bank East	4	2
North Bank West	11	7
Upper River	46	40
Western 1	96	94
Western 2	8	6
<b>National</b>	<b>173</b>	<b>152</b>

Sources HMIS, 2019

Table 67: Deaths due to severe malnutrition with other medical complications reported by regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	0	0
Lower River	1	1
North Bank East	0	0
North Bank West	0	1
Upper River	3	1
Western 1	2	1
Western 2	0	0
<b>National</b>	<b>6</b>	<b>4</b>

Sources HMIS, 2019

Table 68: Number of Persistent Diarrhoea Reported by Regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	132	168
Lower River	73	76
North Bank East	125	126
North Bank West	46	57
Upper River	107	142
Western 1	76	82
Western 2	207	273
<b>National</b>	<b>766</b>	<b>924</b>

Sources HMIS, 2019

Table 69: Admission due to severe persistent diarrhoea reported by regions in 2019.

Region	Male < 5 years	Female < 5 years
Central River	3	1
Lower River	2	1
North Bank East	23	27
North Bank West	15	6
Upper River	33	25
Western 1	30	20
Western 2	15	17
<b>National</b>	<b>121</b>	<b>97</b>

Sources HMIS, 2019

## 13.0 Eye Conditions

Table 70: Number of Eye Conditions Reported at Health by Health Facilities by Gender, The Gambia Jan to Dec 2019

Type of Eye conditions	OPD cases				inpatient cases			
	Male	Female	Total	Percent	Male	Female	Total	Percent
Cataracts	3947	4479	8426	13%	791	889	1680	79%
Conjunctivitis	16337	19212	35549	56%	184	2	186	9%
Glaucoma	875	837	1712	3%	1	2	3	0%
Ophthalmia neonatium	551	393	944	1%	6	4	10	0%
Other eye conditions	7165	7745	14910	23%	107	113	220	10%
Refractive error	925	810	1735	3%	0	0	0	0%
Trachoma	331	331	662	1%	13	20	33	2%
<b>Total</b>	<b>30131</b>	<b>33807</b>	<b>63938</b>	<b>100%</b>	<b>1102</b>	<b>1030</b>	<b>2132</b>	<b>100%</b>

Table 71: Number of trachoma reported by regions in 2019.

Region	OPD Cases		Admission	
	Male	Female	Male	Female
Central River	112	60	0	0
Lower River	31	44	0	0
North Bank East	16	21	0	0
North Bank West	0	0	0	0
Upper River	40	52	0	0
Western 1	21	40	0	0
Western 2	111	114	13	20
<b>Total</b>	<b>331</b>	<b>331</b>	<b>13</b>	<b>20</b>

Source: HMIS, 2019

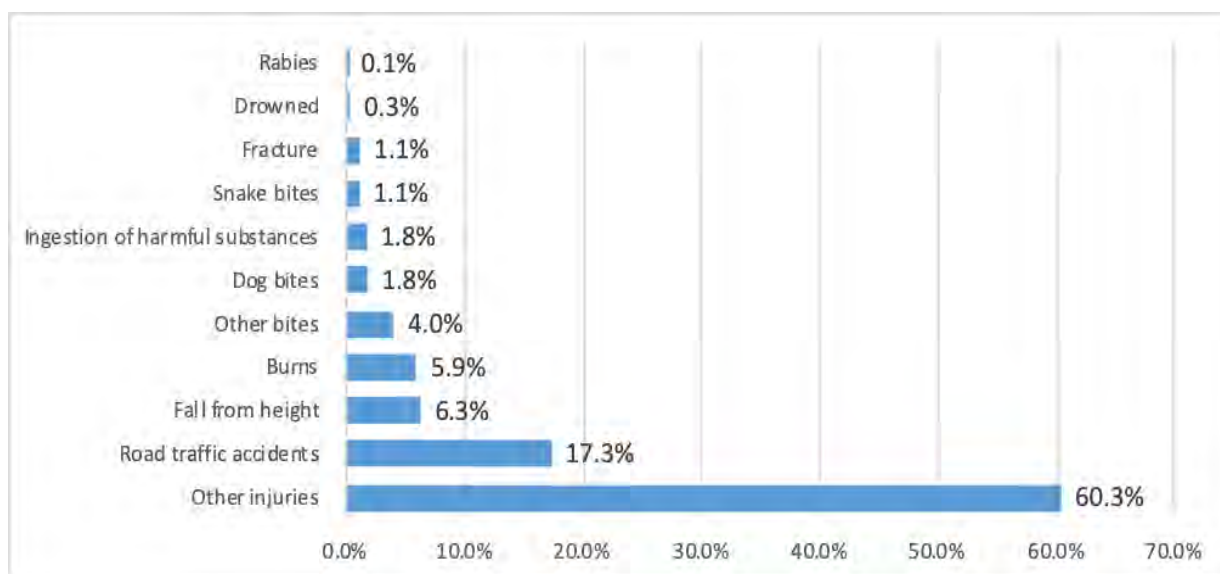
## 14.0 Accidents

In 2019 road traffic crashes (RTC) was the second leading (17.3%) causes of RCH and OPD consultation due to accidents apart from other injuries followed by falls from height (6.3%). burns (5.9%). Other bites and dog bites accounted for 4.0% and 1.8% respectively. The five leading causes of admission due accidents were burns 28.9%; road traffic crashes, 24.7%; other injuries 13.0%, snake bite 7.9%; and fracture 7.6%. However, the two leading cause of deaths due to accidents in 2019 were road traffic crashes 29.2% and snake bite 20.5%.

Table 72: Number of accidents cases reported in The Gambia, 2019

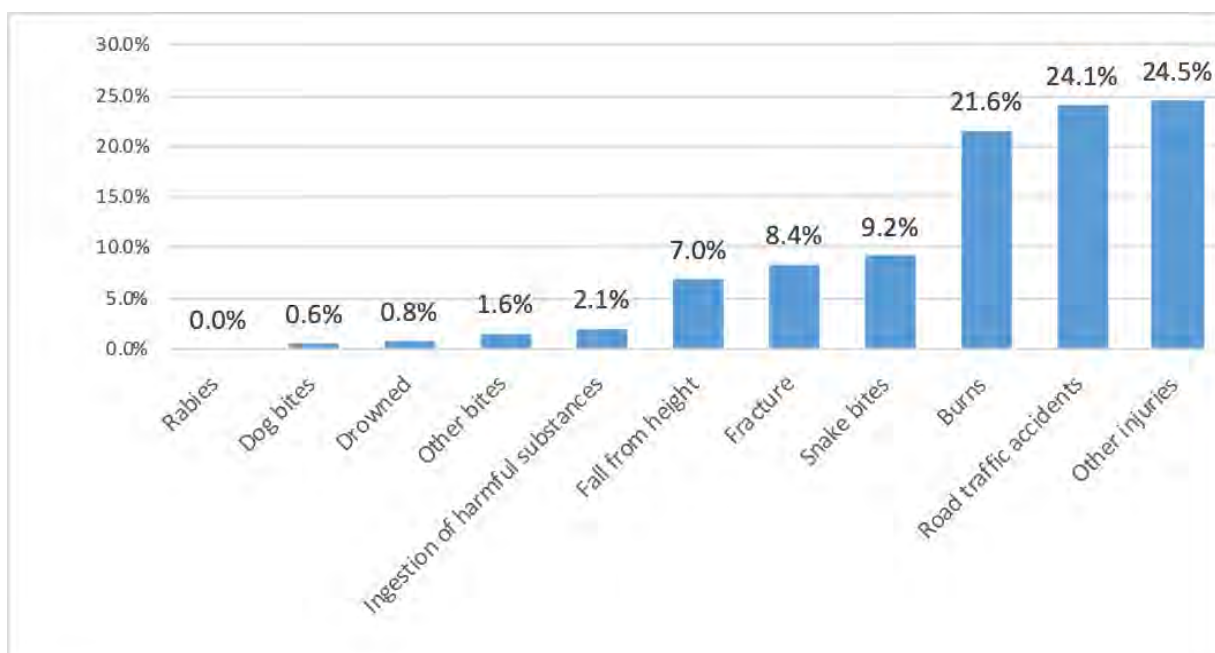
Types of Accidents	OPD Cases			Inpatient cases			Deaths		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Burns	1307	1238	2545	154	118	272	1	0	1
Dog bites	489	305	794	7	1	8	0	0	0
Drowned	67	45	112	7	3	10	0	0	0
Fall from height	1594	1106	2700	66	22	88	1	0	1
Fracture	312	163	475	76	30	106	0	1	1
Ingestion of harmful substances	380	383	763	16	10	26	1	0	1
Other bites	905	813	1718	10	10	20	0	0	0
Other injuries	16380	9668	26048	247	62	309	1	1	2
Rabies	25	28	53	0	0	0	0	0	0
Road traffic accidents	4658	2827	7485	214	90	304	1	1	2
Snake bites	272	214	486	74	42	116	1	1	2

Figure 34. Percentage of accidents recorded at OPD in health facilities, The Gambia 2019



Source, HMIS 2019

Figure 35. Proportion of admission cases due to accidents recorded health facilities, The Gambia 2019



Source, HMIS 2019

Table 73: Number of road traffic accidents reported by regions in 2019.

Region	OPD Cases		Admissions	
	Male	Female	Male	Female
Central River	420	201	23	11
Lower River	268	114	15	1
North Bank East	220	88	24	6
North Bank West	273	110	28	17
Upper River	766	354	52	15
Western 1	1875	1320	40	17
Western 2	836	640	32	23
<b>Total</b>	<b>4658</b>	<b>2827</b>	<b>214</b>	<b>90</b>

Source: HMIS, 2019

Table 74: Number of drowned reported by regions in 2019.

Region	OPD Cases		Admissions	
	Male	Female	Male	Female
Central River	1	2	0	0
LRR	0	1	2	0
NBER	1	3	0	1
NBWR	2	0	4	2
URR	1	1	1	0
WHR1	57	30	0	0
WHR2	5	8	0	0
<b>Total</b>	<b>67</b>	<b>45</b>	<b>7</b>	<b>3</b>

Source: HMIS, 2019

Table 75: Number of dog bites reported by regions in 2019.

Region	OPD Cases		Admissions	
	Male	Female	Male	Female
Central River	70	41	0	0
Lower River	40	15	1	0
North Bank East	42	21	2	0
North Bank West	62	31	2	0
Upper River	33	19	0	1
Western 1	133	103	0	0
Western 2	109	75	2	0
<b>Total</b>	<b>489</b>	<b>305</b>	<b>7</b>	<b>1</b>

Source: HMIS, 2019

Table 76: Number of burns reported by regions in 2019.

Region	OPD Cases		Admissions	
	Male	Female	Male	Female
Central River	114	122	20	20
Lower River	83	82	6	5
North Bank East	140	113	25	8
North Bank West	95	105	11	5
Upper River	152	136	10	13
Western 1	476	449	56	49
Western 2	247	231	26	18
<b>Total</b>	<b>1307</b>	<b>1238</b>	<b>154</b>	<b>118</b>

Source: HMIS, 2019



Table 77: Number of snake bites by region, 2019.

Region	OPD Cases		Admissions	
	Male	Female	Male	Female
Central River	81	66	10	6
Lower River	11	13		
North Bank East	49	36	37	14
North Bank West	32	33	13	11
Upper River	9	10	7	10
Western 1	25	17	2	1
Western 2	65	39	5	
<b>Total</b>	<b>272</b>	<b>214</b>	<b>74</b>	<b>42</b>

Source: HMIS, 2019

## 15.0 Oral and Dental Conditions

Table 78: Number of oral and dental condition report in The Gambia, 2019

	OPD Cases				Inpatient cases			
	Male	Female	Total	Percent	Male	Female	Total	percent
Dental abscess	4396	186602	190998	72%	295	53	348	86%
Gingivitis	906	1152	2058	1%	3	2	5	1%
Oral thrust/ulcer	4175	5812	9987	4%	6	3	9	2%
Other oral disorders	6503	9584	16087	6%	15	7	22	5%
Toothache	20186	25379	45565	17%	17	5	22	5%
<b>Total</b>	<b>36166</b>	<b>228529</b>	<b>264695</b>	<b>100%</b>	<b>336</b>	<b>70</b>	<b>406</b>	<b>100%</b>

Table 79: Number of toothache reported by regions in 2019.

Region	OPD Cases		Admissions	
	Male	Female	Male	Female
Central River	783	1481	1	1
Lower River	544	948	0	0
North Bank East	837	1262	0	0
North Bank West	542	906	0	0
Upper River	821	1464	7	0
Western 1	14687	16676	9	4
Western 2	1972	2642	0	0
<b>Total</b>	<b>20186</b>	<b>25379</b>	<b>17</b>	<b>5</b>

Source: HMIS, 2019

Table 80: Number of oral disorder reported by regions in 2019.

Region	OPD Cases		Admissions	
	Male	Female	Male	Female
Central River	428	598	1	0
Lower River	85	110	1	2
North Bank East	554	811	0	0
North Bank West	79	110	2	4
Upper River	504	809	0	1
Western 1	4033	6036	11	0
Western 2	820	1110	0	0
<b>Total</b>	<b>6503</b>	<b>9584</b>	<b>15</b>	<b>7</b>

Source: HMIS, 2019

Table 81: Number of oral thrust / ulcer reported by regions in 2019.

Region	OPD Cases		Admissions	
	Male	Female	Male	Female
Central River	449	634	0	0
Lower River	441	634	3	2
North Bank East	249	230	0	0
North Bank West	376	490	1	0
Upper River	669	992	1	1
Western 1	1309	1846	1	0
Western 2	682	986	0	0
<b>Total</b>	<b>4175</b>	<b>5812</b>	<b>6</b>	<b>3</b>

Source: HMIS, 2019

Table 82: Number of dental abscess reported by regions in 2019.

Region	OPD Cases		Admissions	
	Male	Female	Male	Female
Central River	283	471	11	17
Lower River	186	264	4	4
North Bank East	612	1046	3	5
North Bank West	176	281	6	4
Upper River	371	611	11	17
Western 1	2315	183307	255	6
Western 2	453	622	5	0
<b>Total</b>	<b>4396</b>	<b>186602</b>	<b>295</b>	<b>53</b>

Source: HMIS, 2019

## 16.0 Anti-Retroviral Therapy / HIV

### 16.1 HIV Counseling and Testing General Population

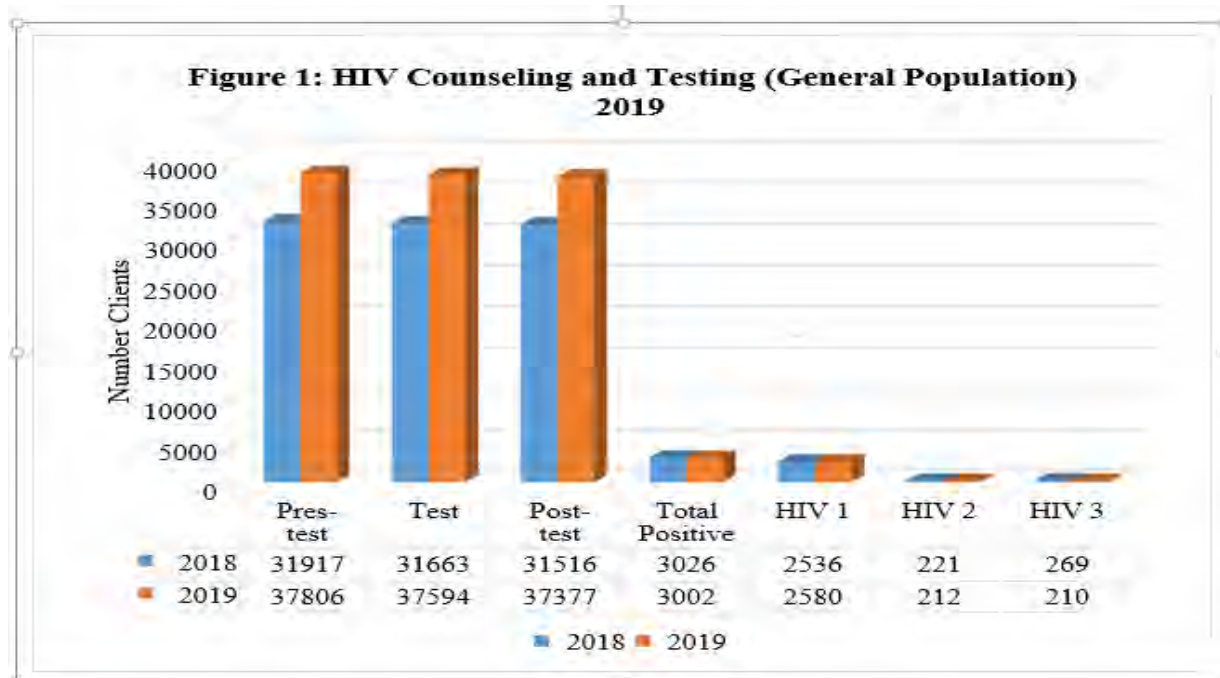
Determining ones HIV status is fundamental in providing adequate care needed by the HIV positive client. The M&E and Mentoring Team have been engaging health facility staff to aggressively implement “provider initiated counseling and testing strategy” in place of routine voluntary counseling and testing.

This initiative had yield some positive results. In 2019, 37594 test were conducted of the 37806 client pre-tested (99.4%). The “number of women and men aged 15+ who received an HIV test and know their results” was 37377 of the total tested (99.4%). Of the number tested, 3002 (8%) were found to be positive. HIV 1 constitutes the highest 2580 (86%).

It is important to note that Counselling and Testing has been deprioritized, however, counselling being the entry point for HIV services, the program decided to set targets for this service area. In 2019, the target for number of women and men aged 15+ who received an HIV test and know their results was 31516. The program over achieved this target; 37377.

Despite the increase in the number of clients tested, the year under review had less positive 3002 compare to the previous year 3026. Western Region 1 had tested more clients 18443, followed by Western Region 2; 5724. Western Region registered the highest prevalence; 11.9% followed by Upper River Region 9%. For details on general population counseling and testing, see figure 1 below

Figure 36. Number of HIV Counseling and testing (General Population)

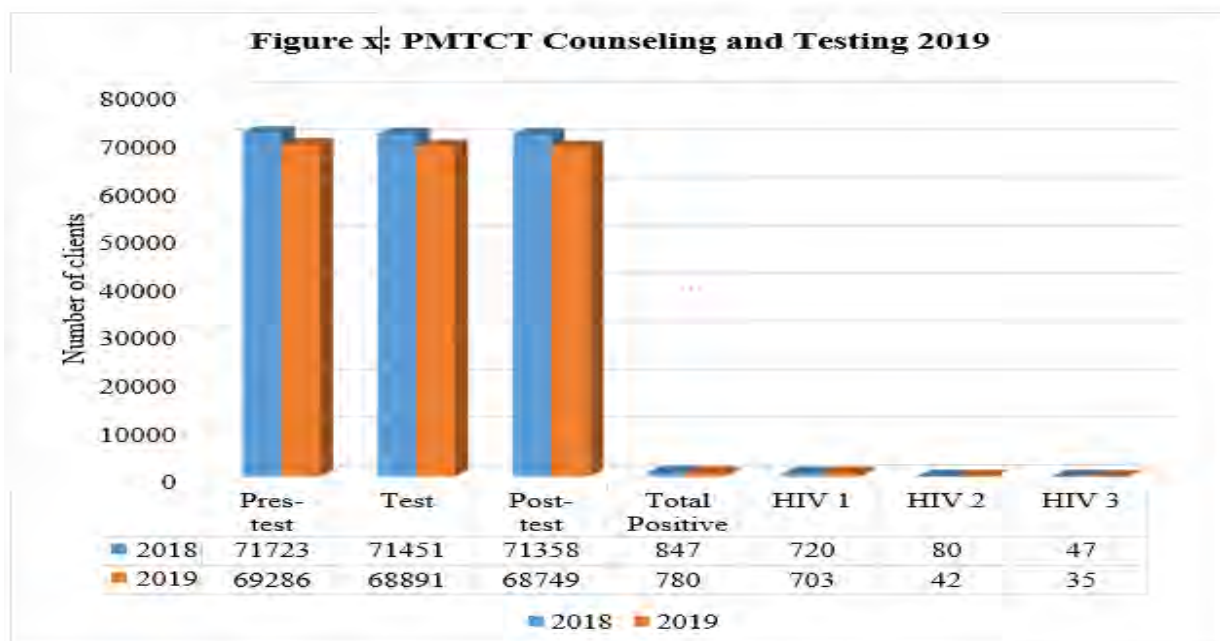


Source: NAS, 2019

## 16.2 PMTCT; HIV Counseling and Testing 2019

Of the 69286 pregnant mothers pre-tested, 68891 (99.4%) were tested. The target set for the indicator “percentage of pregnant women who know their HIV status” was 71 358. The program performance was 68749 registering 96% achievement. Total HIV positive pregnant women in the year under review was 780 (1.1%). Of these HIV 1 constitutes 703 (90%). Although the program tested less pregnant women compared to last year, the HIV positive pregnant women were more last year (847) than this year (780). Probably due to population size, Western Region 1 saw more mothers, followed by Western Region 2. The HIV prevalence among pregnant women is higher in Western Region 2 and Lower River Region with 1.5% respectively (above the national prevalence, 1.1). For details, see figure 2.

Figure 37. Number of PMTCT Counseling and Testing 2019



Source: NAS, 2019

## 16.3 Antiretroviral Therapy Services

Antiretroviral therapy is one of the most effective tools available and it is an essential part of an efficient, sustainable AIDS response. Antiretroviral therapy saves lives, prevents new HIV infections because ARVs can reduce the risk of HIV transmission by up to 96%, prevents illness like tuberculosis infection among people living with HIV by 65% and keeps people productive.

For the HIV treatment to work properly, it's important for clients to adhere to their treatment and taking the drugs at the right times, at the right dose, and to follow service providers advices for successful HIV treatment.

## 16.4 Antiretroviral Therapy (ART) General Population

The Gambia has 14 ART Treatment Centers across the country. There are 5 ART centers in Western Region 1 (EFSTH, Kanifing General Hospital, SOC Mother and Child Clinic, Bundung Maternal and Child Health Hospital, Yundum Army Clinic and UN Clinic is not functional for ART services as at now), Western 2, 3 ART centers (Hands on Care, Bwiam General Hospital and ECGH Sibamor Health Center), Lower River Region (Soma District Hospital), Central River Region (Bansang Hospital), Upper River Region (Basse District Hospital), North Bank Region East (Farafenni General Hospital) and North Bank Region West (Essau District Hospital).

Table 83: Number of ART Sites by region, The Gambia, 2019

Regions	Number of ART Sites	Facility Names
Western 1	5 ART centers	EFSTH
		Kanifing General Hospital
		SOC Mother and Child Clinic
		Bundung Maternal and Child Health Hospital,
		Yundum Army Clinic
Western 2	3 ART centers	UN Clinic
		Hands on Care
		Bwiam General Hospital
		ECG Sibamor Health Center
Lower River Region	1 ART center	Soma District Hospital
Central River Region	1 ART center	Bansang Hospital
Upper River Region	1 ART center	Basse District Hospital
North Bank Region East	1 ART center	Farafenni General Hospital
North Bank Region West	1 ART center	Essau District Hospital

Source: NAS, 2019

For the year under review, the total number of clients on treatment at ART centers was 7605. Of these 1993 (26%) are males while 5612 (74%) are females. Eight percent of those on ART (N=585) are children below 15 years and 7020 (92%) adults 15 years and above in the general population excluding pregnant women on ART for the first time during the current pregnancy. During the year under review, the program registered 310 deaths. There were more deaths among the female (N=183, 59%) than the male (N=127, 41%). Four (1%) of the deaths were PMTCT mothers. Twenty six (8%) were children below 15 years while 284 (92%) were adults more than 15 years.

## 16.3 Antiretroviral Therapy (ART) Pregnant Women (PMTCT)

The total number of pregnant mothers found to be newly positive was 780 and 552 (71%) of them were initiated on treatment. Western Region 1 initiated more positive pregnant mothers on ARVs. This could be attributed to number of health facilities offering PMTCT ARVs Services in this region. Viral load investigation remains a challenge especially in this service area. The total number of viral load recorded and reported on DHIS2 was 60 (10%) of total PMTCT mothers on ART. Of the 624 mothers currently on ART only 60 had a viral load test in 2019

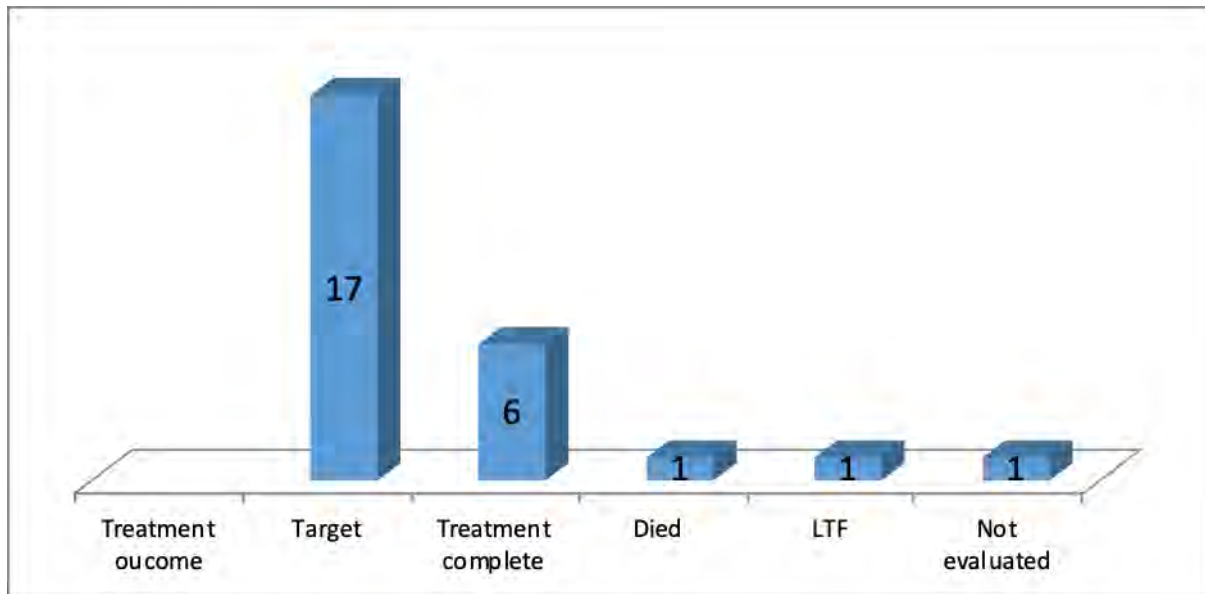
and 16 of the 60 that had a test had undetectable viral load.

Table 84: PLHIV Currently on ART (PMTCT, 2019) by Region

Region	Total	Began ART	Viral Load Test	Viral Load Undetectable
Western 1	308	227	17	2
Western 2	142	117	5	0
Lower River	29	39	8	10
Central River	60	68	19	4
Upper River	41	55	9	0
North Bank East	19	24	1	0
North Bank West	25	22	1	0
<b>Total</b>	<b>624</b>	<b>552</b>	<b>60</b>	<b>16</b>

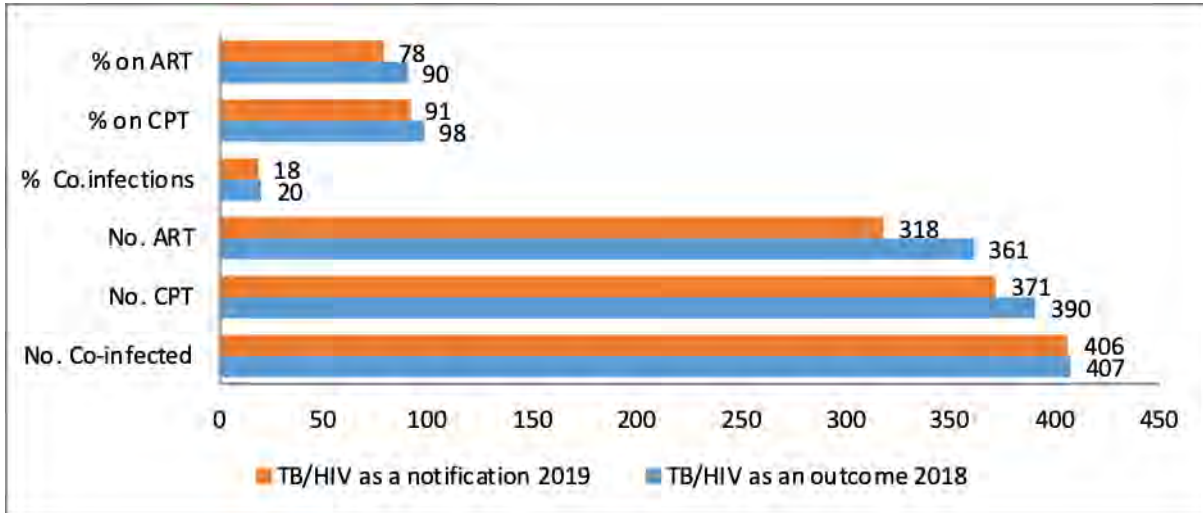
Source: NAS, 20 17.0 Leprosy and TB Control

Figure 38. Percentage of cases with RR and/or MDR-TB successfully treated among 2017 cohort of RR/MDR-TB patients



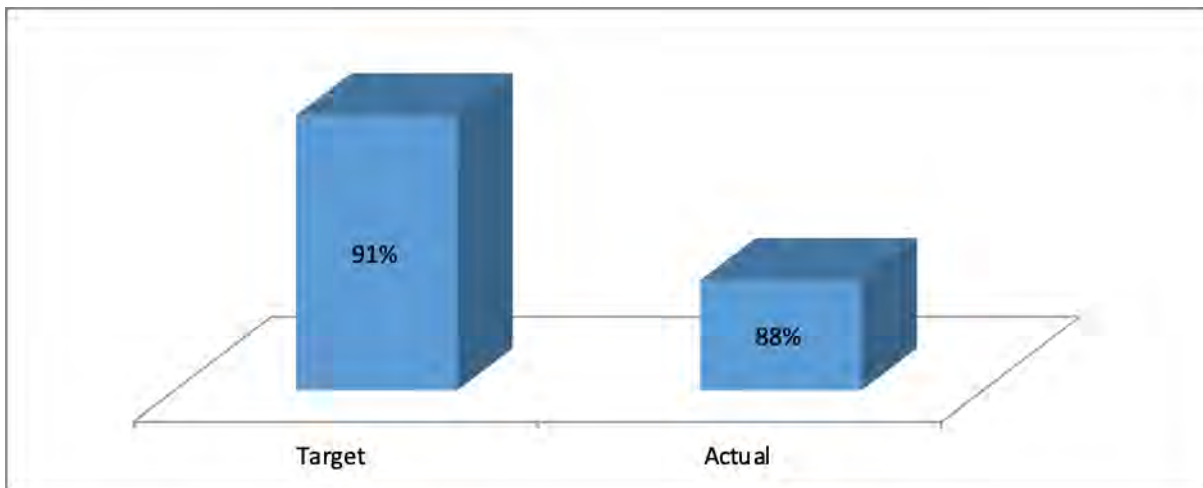
Source, HMIS 2019

Figure 39. Number and percentage of TB/HIV UPTAKE 2018 AND 2019



Source, HMIS 2019

Figure 40. Percentage of TB cases, all forms, bacteriologically confirmed plus clinically diagnosed, successfully treated (cured plus treatment completed) among all TB cases registered in 2018, new and relapse cases



Source, NLTP 2019

Table 85: Treatment success summary for all forms of TB among 2018 cohort of TB patients

Type of TB	Cured	%	Treatment complete	%	Failure	%	Died	%	loss to follow up	%	Transferred	%	Total
<b>Bact. Positive</b>	1270	88%	23	2%	13	0.9%	62	4.3%	80	5.5%	2	0.1%	1450
<b>Relapses</b>	58	78%	2	3%	2	2.7%	6	8%	5	7%	1	1%	74
<b>Clinically Diagnosed</b>	0	0%	656	90%	0	0%	49	7%	24	3%	0	0%	729
<b>EPTB</b>	0	0%	98	85%	0	0.0%	10	9%	6	5%	1	1%	115
<b>All forms of TB</b>	<b>1328</b>	<b>56%</b>	<b>779</b>	<b>33%</b>	<b>15</b>	<b>1%</b>	<b>127</b>	<b>5%</b>	<b>115</b>	<b>5%</b>	<b>4</b>	<b>0%</b>	<b>2368</b>

Table 86: Number of childhood TB in The Gambia,2019

Childhood TB 2019					
2019	0-4		5-14		TOTAL
	M	F	M	F	
		20	20	51	40



Table 87: Number of TB cases by region, The Gambia 2019

Region	Pulmonary bacteriologically confirmed new cases total	Previously treated relapse total	Previously treated after failure total	Previously treated after default total	Previous treatment history unknown total	Pulmonary clinically diagnosed 0-4 yrs total	Pulmonary clinically diagnosed 5-14 yrs total	Pulmonary clinically diagnosed 15 yrs and above total	Extra pulmonary diagnosed 0-4 yrs total	Extra pulmonary diagnosed 5-14yrs total	Extra pulmonary 15 yrs and above total	Others Previously treated total	All total case notification
CRR	92	1	0	0	0	0	2	17	2	1	4	0	119
LRR	65	4	0	0	0	7	2	9	1	1	4	0	93
NBER	60	2	0	0	0	3	7	42	0	1	8	2	125
NBWR	80	7	2	1	0	0	2	10	0	0	4	0	106
URR	112	1	0	1	0	0	2	37	0	0	10	1	164
WHR1	790	49	2	9	2	16	37	318	1	8	82	28	1342
WHR2	369	7	1	0	1	9	16	244	0	1	34	4	686
<b>Total</b>	<b>1568</b>	<b>71</b>	<b>5</b>	<b>11</b>	<b>3</b>	<b>35</b>	<b>68</b>	<b>677</b>	<b>4</b>	<b>12</b>	<b>146</b>	<b>35</b>	<b>2635</b>

## 18.0 Immunization

Table 88: Number of Children Vaccinated against the Birth Dose (BCG, Hepatitis B and OPV 0), 2019

Regions	BCG Vaccination	Polio 0 Vaccination	Hepatitis B Vaccination
WESTERN 1	28,859	28974	28722
WESTERN 2	13,790	13726	13803
LOWER RIVER	3,899	3911	3923
NORTH BANK EAST	5,126	5194	5236
NORTH BANK WEST	4,891	4919	4868
CENTRAL RIVER	10,899	10629	10916
UPPER RIVER	10,415	10422	10394
<b>National</b>	<b>77879</b>	<b>77775</b>	<b>77862</b>

Source: EPI, 2019

Table 89: Number of Children Vaccinated against PENTA 1, Polio 1, PCV1 and Rota1 , The Gambia 2019

Regions	PENTA 1	PVC1	Rota 1	Polio 1
WESTERN 1	27803	27758	27301	27862
WESTERN 2	13346	13328	13360	13256
LOWER RIVER	3669	3669	3719	3669
NORTH BANK EAST	5121	5109	4987	5120
NORTH BANK WEST	4826	4816	4816	4816
CENTRAL RIVER	10287	10225	10219	10169
UPPER RIVER	10926	10892	10886	10925
National	75978	75797	75288	75817

Source: EPI 2019

Table 90: Number of Children Vaccinated against PENTA 2, Polio 2, PCV2 and Rota2 , The Gambia 2019

Regions	PENTA 2	Polio 2	PVC2	Rota 2
WESTERN 1	27188	27413	27140	27068
WESTERN 2	13048	13012	13002	13019
LOWER RIVER	3643	3643	3643	3643
NORTH BANK EAST	4966	4921	4964	4879
NORTH BANK WEST	4864	4874	4874	4874
CENTRAL RIVER	10184	10047	9849	10102
UPPER RIVER	10311	10395	9981	10479
National	74204	74305	73453	74064

Source: EPI 2019

Table 91: Number of Children Vaccinated against PENTA 3, Polio 3, PCV3 and Rota3, The Gambia 2019

Regions	PENTA 3	PVC3	Polio 3
WESTERN 1	26134	26085	26105
WESTERN 2	12772	12798	12683
LOWER RIVER	3549	3561	3561
NORTH BANK EAST	4693	4712	4703
NORTH BANK WEST	4825	4753	4767
CENTRAL RIVER	9934	9544	9749
UPPER RIVER	10418	10090	10457
<b>National</b>	<b>72325</b>	<b>71543</b>	<b>72025</b>

Source: EPI 2019

### 18.1 Vitamin A Prevention and Treatment

Table 92: Number of doses of Vitamin A for Prevention administered, The Gambia 2019

Regions	6-11 months	12-59 months	Postpartum
WESTERN 1	24300	40111	13034
WESTERN 2	12363	23549	11577
LOWER RIVER	2143	8719	3469
NORTH BANK EAST	3878	24060	5009
NORTH BANK WEST	3143	20345	4175
CENTRAL RIVER	7618	30393	10845
UPPER RIVER	7700	37078	9334
<b>National</b>	<b>61145</b>	<b>184255</b>	<b>57443</b>

Source: EPI 2019

Table 93: Number and Percentage of Children Vaccinated

Health Region	IPV Vacc	PENTA3 Vac	IPV COV	PENTA3 COV
WESTERN 1	26070	26134	86%	86%
WESTERN 2	12787	12772	95%	96%
LOWER RIVER	3570	3549	87%	87%
NORTH BANK EAST	4462	4693	94%	100%
NORTH BANK WEST	4767	4825	101%	101%
CENTRAL RIVER	9912	9934	80%	77%
UPPER RIVER	10476	10418	83%	80%
National	72044	72325	88%	87%

Table 94. Percentage of BCG, Hepatitis B and Polio 0 Antigen Coverage, The Gambia 2019

Table 66. Percentage of BCG, Hepatitis B and Polio 0 Antigen Coverage, The Gambia 2019			
Health Region	BCG Coverage	Hepatitis B Coverage	Polio 0 Coverage
WESTERN 1	89%	88%	89%
WESTERN 2	97%	97%	96%
LOWER RIVER	88%	89%	89%
NORTH BANK EAST	91%	93%	92%
NORTH BANK WEST	86%	86%	87%
CENTRAL RIVER	84%	84%	82%
UPPER RIVER	77%	77%	77%
National	88%	88%	87%

Source: EPI, 2019

Table 95: Percentage of PENTA 2, Polio 2, PCV2 and Rota 2 Antigens Coverage, The Gambia 2019

Health Region	PENTA2 COV	POLIO2 COV	PCV2 COV	ROTA 2 COV
WESTERN 1	90%	91%	90%	90%
WESTERN 2	97%	97%	97%	97%
LOWER RIVER	89%	89%	89%	89%
NORTH BANK EAST	105%	104%	105%	103%
NORTH BANK WEST	103%	103%	103%	103%
CENTRAL RIVER	82%	81%	79%	81%
UPPER RIVER	82%	82%	79%	83%
National	90%	90%	89%	90%
Source: EPI, 2019				

Table 96. Percentage of Polio 4, Measles 1, Measles 2 and Yellow Fever Antigens Coverage, The Gambia 2019

Health Region	POLIO4 COV	MR1 COV	MR2 COV	Y/F COV
WESTERN 1	82%	82%	51%	83%
WESTERN 2	88%	89%	61%	96%
LOWER RIVER	90%	90%	74%	90%
NORTH BANK EAST	101%	101%	77%	100%
NORTH BANK WEST	100%	101%	83%	101%
CENTRAL RIVER	79%	80%	65%	79%
UPPER RIVER	80%	81%	61%	81%
National	85%	85%	61%	87%
Source: EPI, 2019				

Table 97. Number and Percentage of Ante natal women Vaccinated against TT1 and TT2+, The Gambia 2019

Health Region	TT 1 Vaccination	TT2+Vaccination	TT1 COV	TT2+ COV
WESTERN 1	7855	18672	24%	57%
WESTERN 2	2937	8688	21%	61%
LOWER RIVER	946	3048	21%	69%
NORTH BANK EAST	1066	3801	19%	67%
NORTH BANK WEST	987	3074	17%	54%
CENTRAL RIVER	2456	6991	19%	54%
UPPER RIVER	3062	7147	23%	53%
National	19309	51421	22%	58%
Source: EPI, 2019				

## 19.0 Non- Communicable Diseases

In 2019, two hundred and forty thousand, six hundred and seventy- sixty (240676) OPD consultations were due to non-communicable diseases and 64% of all visits were made by female. Apart from other non-communicable disease which accounted for half (47.5%) of all OPD Consultations, Hypertension (36.0%) and Diabetes (9.3%) were the major reasons for consultation followed by asthma 4.8% and sickle cell 0.9%.

The highest admission for NCD was hypertension, 33.69%, followed by the other non-communicable diseases 26.4%. Diabetes and asthma accounted for 13.94% and 6.34% respectively.

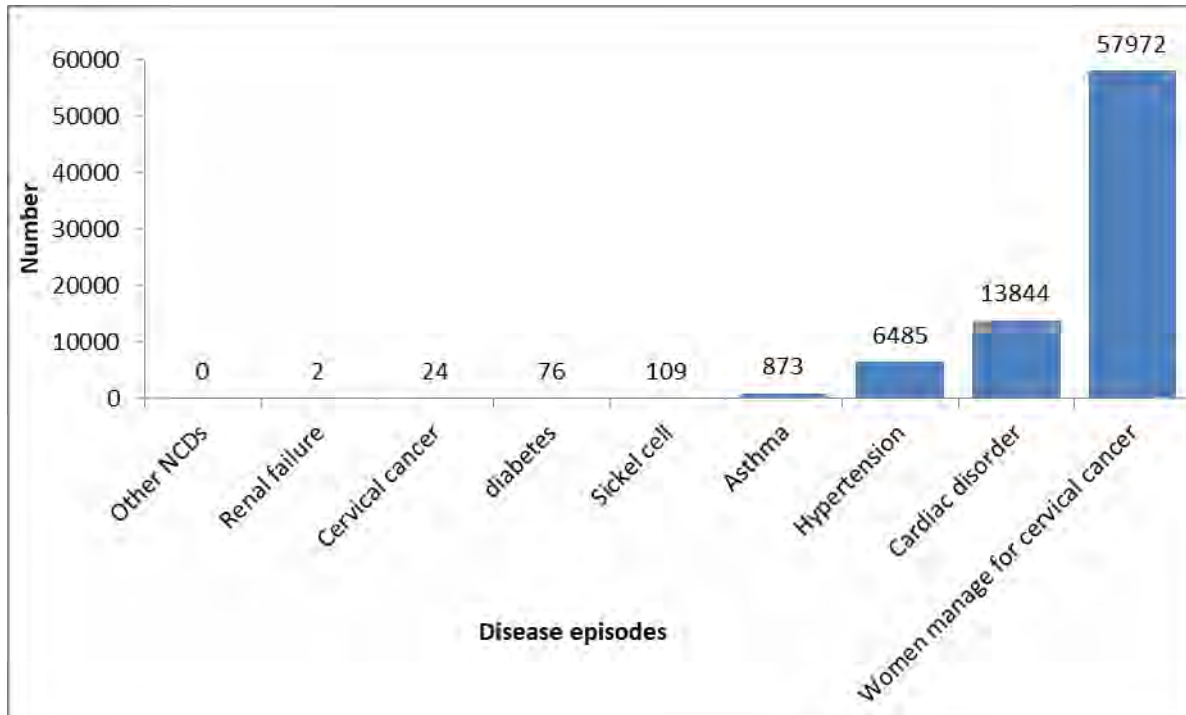
Table 98: Number of Non-Communicable Diseases Episodes and Conditions seen at OPD by Health Facilities by Gender, The Gambia 2019

Non Communicable Disease/Conditions	Male	Female	Total	%
Asthma	5091	6485	11576	4.8
Breast cancer	0	76	76	0.0
Cardiac disorder	660	873	1533	0.6
Cervical cancer	0	109	109	0.0
Diabetes	8597	13844	22441	9.3
Hypertension	28695	57972	86667	36.0
Liver Cancer (liver/Hep)	38	64	102	0.0
Lung cancer outpatient	0	2	2	0.0
Other cancer	34	24	58	0.0
Other non-communicable diseases	43016	71420	114436	47.5
Prostate cancer	40	0	40	0.0
Renal failure	90	63	153	0.1
Sickle cell	972	1200	2172	0.9
Women manage for cervical cancer	0	191	191	0.1
women screen for cervical cancer	0	1120	1120	0.5
Total	87233	153443	240676	100.0

Table 99: Number of Non-Communicable Diseases Episodes and Conditions Admitted at Health Facilities by Gender, The Gambia 2019

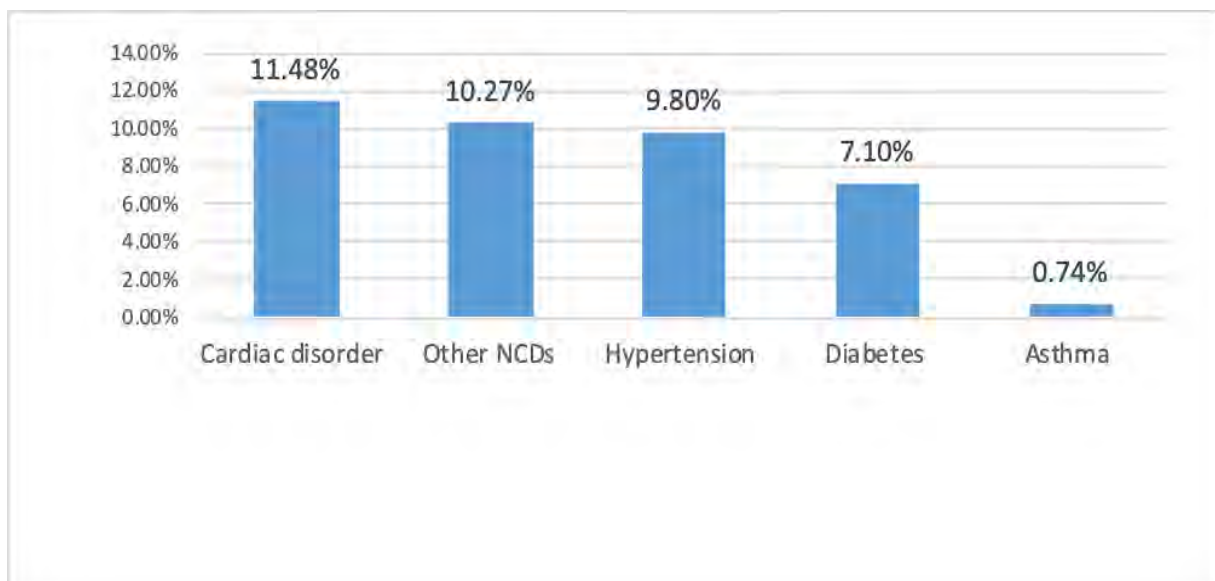
	Female	Male	Total	%
Asthma	130	139	269	6.34
Breast cancer	0	0	0	0.00
Cardiac disorder	252	227	479	11.29
Cervical cancer	12	0	12	0.28
Diabetes	335	256	591	13.94
Hypertension	816	613	1429	33.69
Liver Cancer (liver/Hep)	28	31	59	1.39
Lung cancer	0	1	1	0.02
Other cancer	3	6	9	0.21
Prostate cancer	0	0	0	0.00
Other non-communicable diseases	588	532	1120	26.41
Renal failure	24	35	59	1.39
Sickle cell	97	95	192	4.53
Women manage for cervical cancer	10	0	10	0.24
women screen for cervical cancer	11	0	11	0.26
Total	2306	1935	4241	100.00

Figure 41. Number of ten (10) Major non communicable diseases recorded in The Gambia, 2019



Source, HMIS 2019

Figure 42. Case Fatality Rate for five Major Causes of Non communicable Diseases admission. The Gambia



Source, HMIS 2019



Table 100: Number of Hypertension Reported by Regions in 2019.

Region	OPD Cases		Admissions		Deaths	
	Male	Female	Male	Female	Male	Female
Central River	5544	11096	79	109	13	6
Lower River	2177	4107	40	25	10	2
North Bank East	2883	5821	56	54	4	3
North Bank West	1810	4150	21	36	0	1
Upper River	3675	7810	196	253	15	13
Western 1	7115	15345	124	220	6	22
Western 2	5491	9643	97	119	26	19
<b>Total</b>	<b>28695</b>	<b>57972</b>	<b>613</b>	<b>816</b>	<b>74</b>	<b>66</b>

Source: HMIS, 2019

Table 101: Number of Diabetes Reported by Regions in 2019.

Region	OPD Cases		Admissions		Deaths	
	Male	Female	Male	Female	Male	Female
Central River	825	1199	43	32	5	3
Lower River	427	604	11	5	2	0
North Bank East	595	744	46	33	7	5
North Bank West	514	807	15	22	0	1
Upper River	472	809	41	58	2	6
Western 1	3825	7243	75	150	1	6
Western 2	1939	2438	25	35	2	2
<b>Total</b>	<b>8597</b>	<b>13844</b>	<b>256</b>	<b>335</b>	<b>19</b>	<b>23</b>

Source: HMIS, 2019

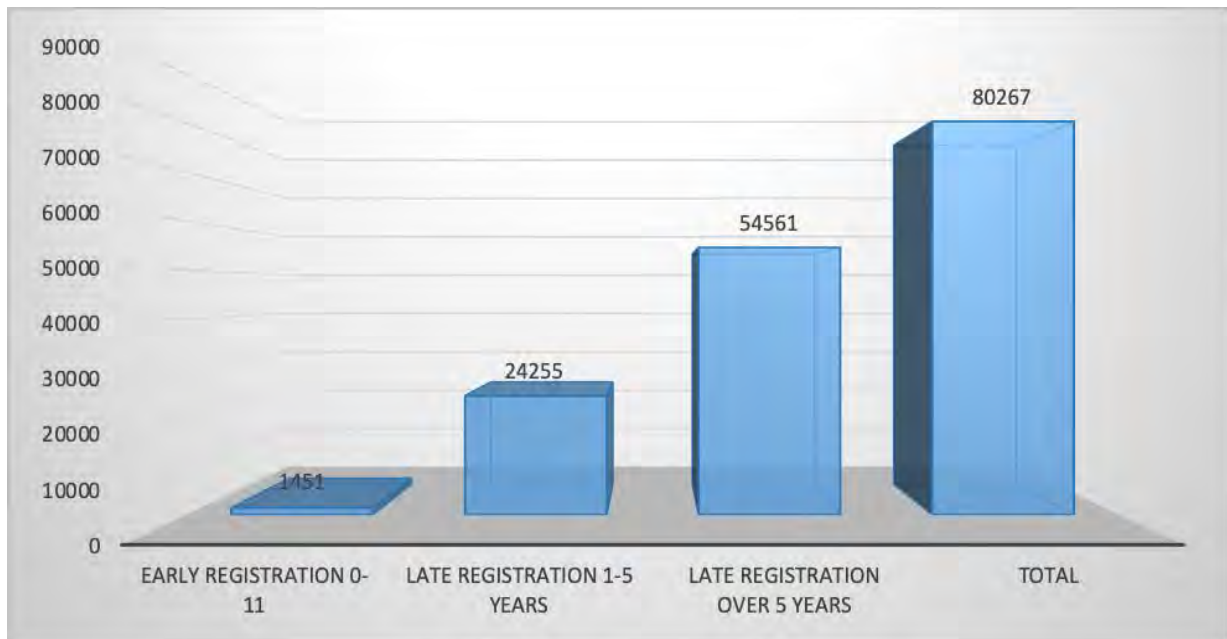
Table 102: Number of Cardiac Disorder Reported by Regions in 2019.

Region	OPD Cases		Admissions		Deaths	
	Male	Female	Male	Female	Male	Female
Central River	118	142	33	33	5	3
Lower River	56	75	7	9	2	1
North Bank East	75	101	34	36	9	4
North Bank West	4	1	10	3	1	0
Upper River	193	217	48	49	0	2
Western 1	134	230	66	87	4	15
Western 2	80	107	29	35	7	2
<b>Total</b>	<b>660</b>	<b>873</b>	<b>227</b>	<b>252</b>	<b>28</b>	<b>27</b>

Source: HMIS, 2019

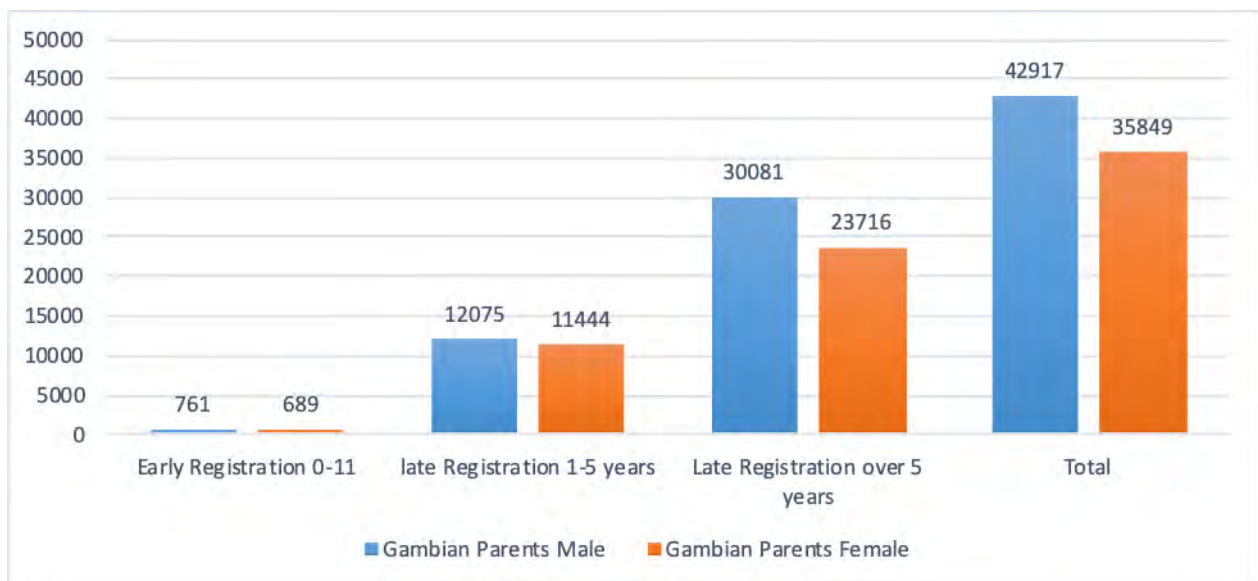
## 20.0 Births and Deaths Registration

Figure 43. Number of Births registered at Health Facilities, The Gambia 2019



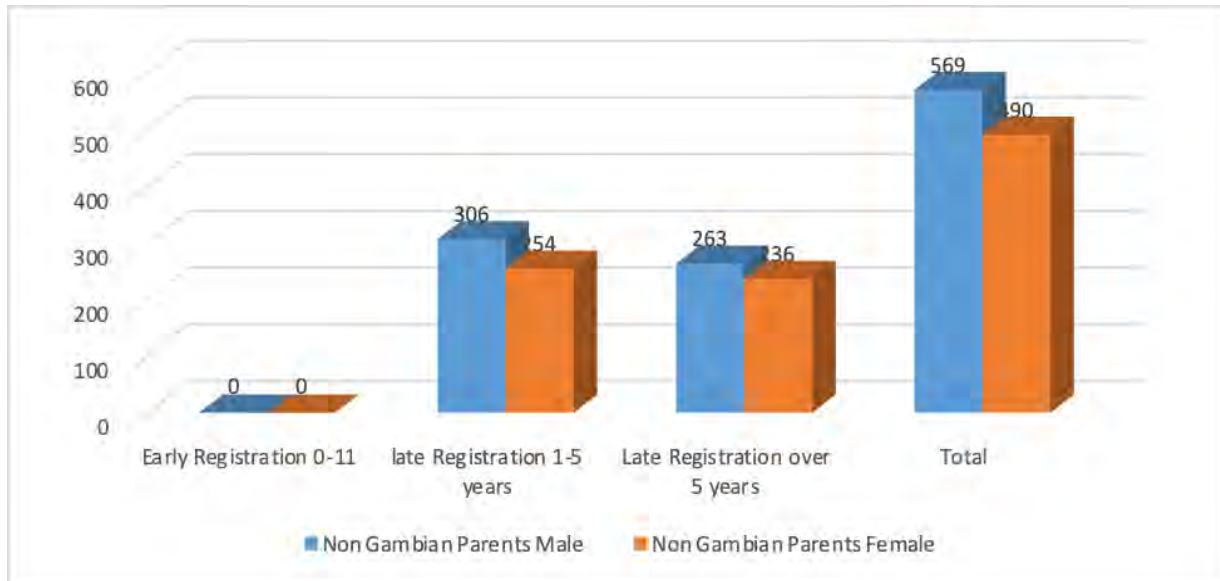
Sources: HMIS, 2019

Figure 44. Number Of Gambian Parents Birth Registered at Health Facilities, The Gambia 2019



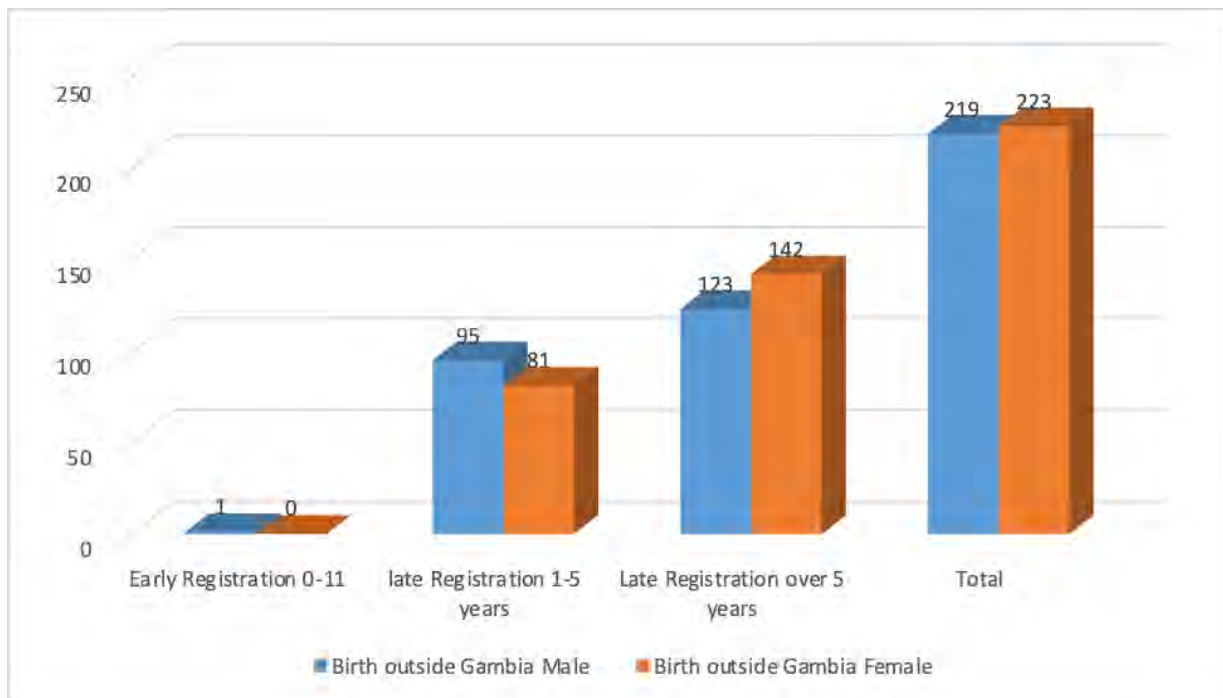
Sources: HMIS, 2019

Figure 45. Number Of Non-Gambian Parents Birth Registered at Health Facilities, The Gambia 2019



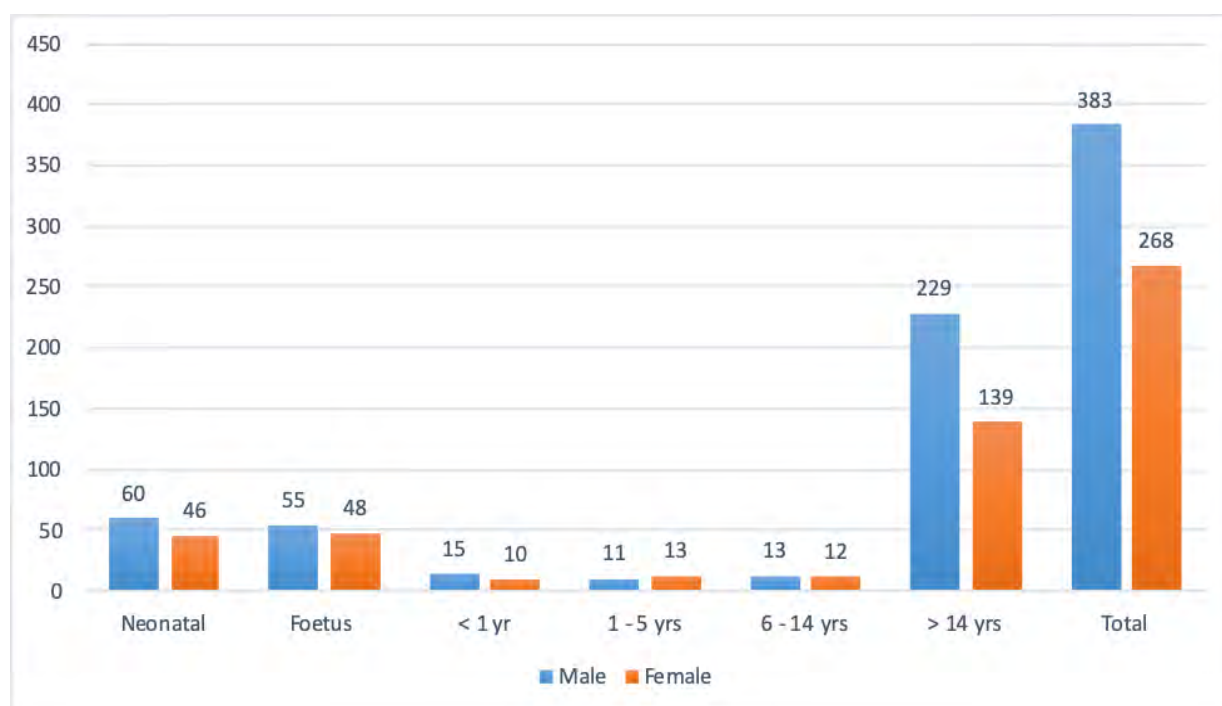
Sources: HMIS, 2019

Figure 46. Number Of Births outside Gambia Registered by the Health Facilities, The Gambia 2019



Sources: HMIS, 2019

Figure 47. Total Number of Deaths Registered at the Health Facilities, The Gambia 2019



Sources: HMIS, 2019

## 21.0 Sexually Transmitted Diseases

Table 103: Number and Percentage of Sexual Transmission Infections Recorded by Health Facilities by Gender, The Gambia 2019

Sexual Transmission infections	OPD cases				Inpatient cases			
	Male	Female	Total	Percent	Male	Female	Total	Percent
Lower abdominal pain in non-pregnant woman	0	789	789	2%	0	0	0	0%
Lower abdominal pain in pregnancy	0	14906	14906	36%	0	99	99	33%
Other sexually transmitted infections	1817	5199	7016	17%	57	15	72	24%
Urethral discharge	5256	0	5256	13%	48	0	48	16%
Vaginal discharge	0	13603	13603	33%	0	83	83	27%
Total	7073	34497	41570	100%	105	197	302	100%

Table 104: Number of Vaginal Discharge Reported by Regions in 2019.

Region	Cases	Admissions	Deaths
Central River	4091	1	0
Lower River	847	2	0
North Bank East	430	7	0
North Bank West	329	9	0
Upper River	1565	26	0
Western1	3779	32	0
Western 2	2562	6	0
National	13603	83	0

Source: HMIS, 2019

Table 105: Number of Urethral Discharge Reported by Regions in 2019.

Region	Cases	Admissions	Deaths
Central River	1850	24	0
Lower River	348	0	0
North Bank East	45	1	0
North Bank West	53	5	0
Upper River	340	4	0
Western 1	1577	10	0
Western 2	1043	4	0
National	5256	48	0

Source: HMIS, 2019

## 22.0 Family Planning Services

The total new acceptors for the uptake of family planning services in 2019 was seventy thousand, eight hundred and twenty four (70,829). Depo (32.0%); Impanon (18.4%); male condom (17.8%); microgynon (13.3%) and norisat (4.8%) were the five major commodities utilized by new acceptors and revisits in 2017.

Table 106: Number and Percentage of Family Planning Services (New Acceptors and Revisits) Offered at Health Facilities, the Gambia 2019

Family Planning Methods	New Acceptors	%	Re Visits	%	Total	%
Bilateral Tubal Ligation	103	0.1	17	0.03	120	0.10
Depo	22630	32.0	43813	79.16	66443	52.66
Norlevo	1068	1.5	415	0.75	1483	1.18
Female condom	69	0.1	78	0.14	147	0.12
Foam	0	0.0	0	0.00	0	0.00
IUCD	580	0.8	89	0.16	669	0.53
Implanon	13063	18.4	0	0.00	13063	10.35
Jadelle implant	2026	2.9	276	0.50	2302	1.82
Male condom	12641	17.8	10479	18.93	23120	18.32
Marvelon	148	0.2	4	0.01	152	0.12
Microgynon	9389	13.3	0	0.00	9389	7.44
Microlut	1900	2.7	0	0.00	1900	1.51
Neogynon	1701	2.4	0	0.00	1701	1.35
Norigynon	2037	2.9	0	0.00	2037	1.61
Noristat	3428	4.8	0	0.00	3428	2.72
Other	46	0.1	175	0.32	221	0.18

## 23.0 Deaths

### 23.1 Deaths on arrival at the health facility

Table 107: Number of Deaths on arrival at the health facilities recorded, The Gambia 2019

Deaths	Male	Female	Total
Maternal brought in dead	1	7	8
Maternal death on arrival	0	7	7
Other brought in dead	523	369	892
Other deaths on arrival	20	25	45

Source: HMIS, 2019

### 23.2 Brought in dead to health facility

Table 108: Number of Brought in death at the health facilities recorded, The Gambia 2019

	Male	Female
Maternal brought in dead	1	7
Other brought in dead	523	369

Source: HMIS, 2019

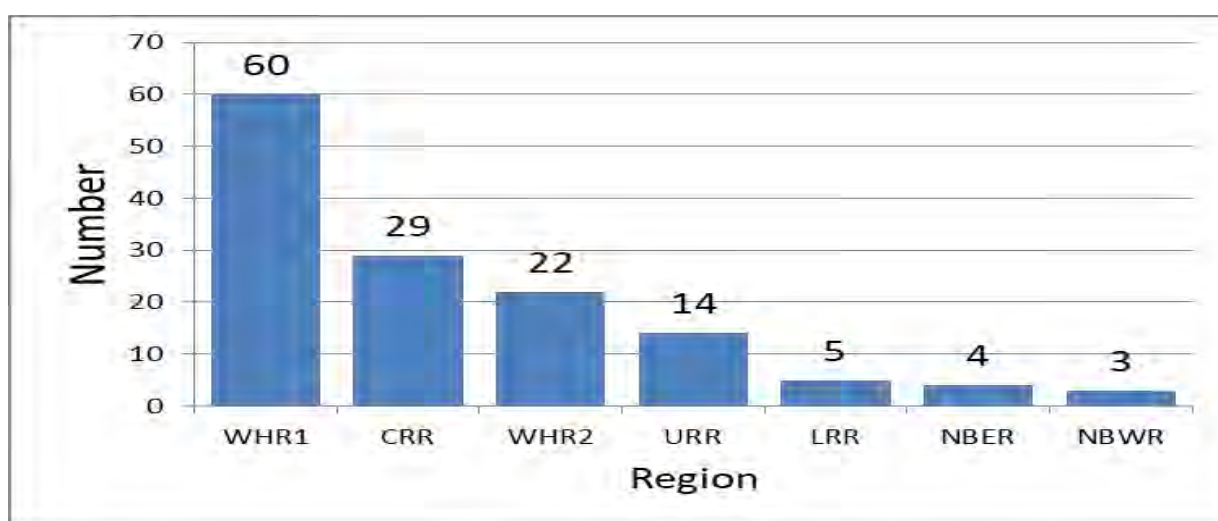
## 23.3 Deaths at the health facility

Table 109: Number of Premises Inspected by Public Health Officers, The Gambia 2019

Deaths	Male	Female	Total
Deaths Child 5-14 years	45	36	81
Deaths Child < 5 years	102	71	173
Deaths Over 14 years	578	458	1036
Infant death at facility	54	54	108
Maternal death at facility		63	63
Neonatal death at facility	282	249	531

Source: HMIS, 2019

Figure 48. A chart showing the number of maternal deaths by region in 2019, The Gambia



## 24.0 Environmental Health

### 24.1 Inspection

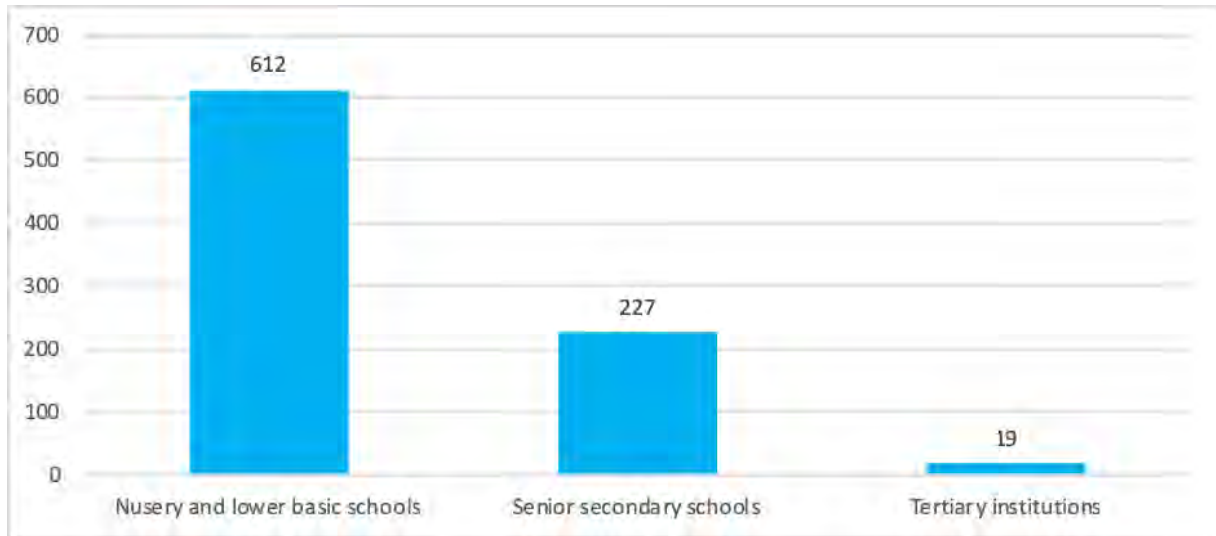
Table 110: Number of Premises Inspected by Public Health Officers, The Gambia 2019

Premises	Number	Percent
Residences	3139	39.69
Food handling and service establishments	3129	39.56
Nursery and lower basic schools	612	7.74
Health and other institutions	436	5.51
Senior secondary schools	227	2.87
Entertainment establishments	149	1.88
Public conveniences	138	1.74
Building plans inspected	24	0.30
Tertiary institutions	19	0.24
Hotels and boarding houses	18	0.23
Others	18	0.23

Source: HMIS, 2019

## 24.2 School Inspection

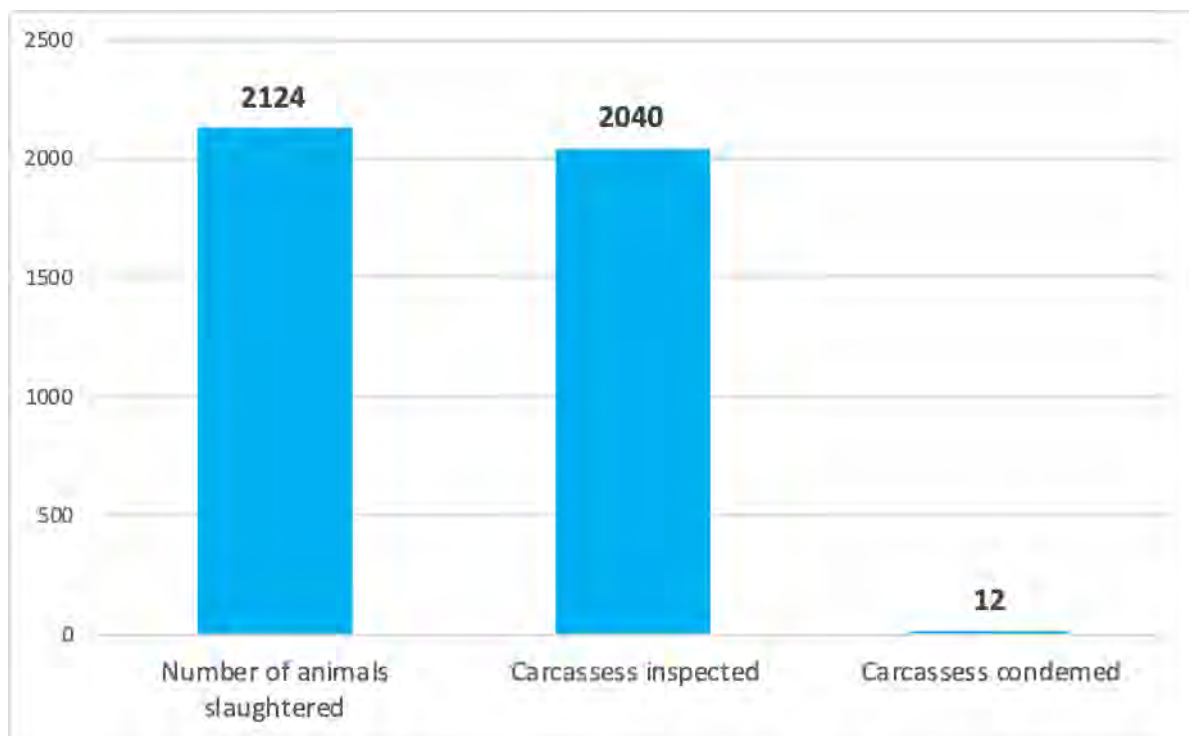
Figure 49. Number of schools inspected by Public Health Officers by type, The Gambia 2019



Source, HMIS 2019

## 24.3 Meat Inspection

Figure 50. Number of Meat inspection conducted by Public Health Officer, The Gambia 2019

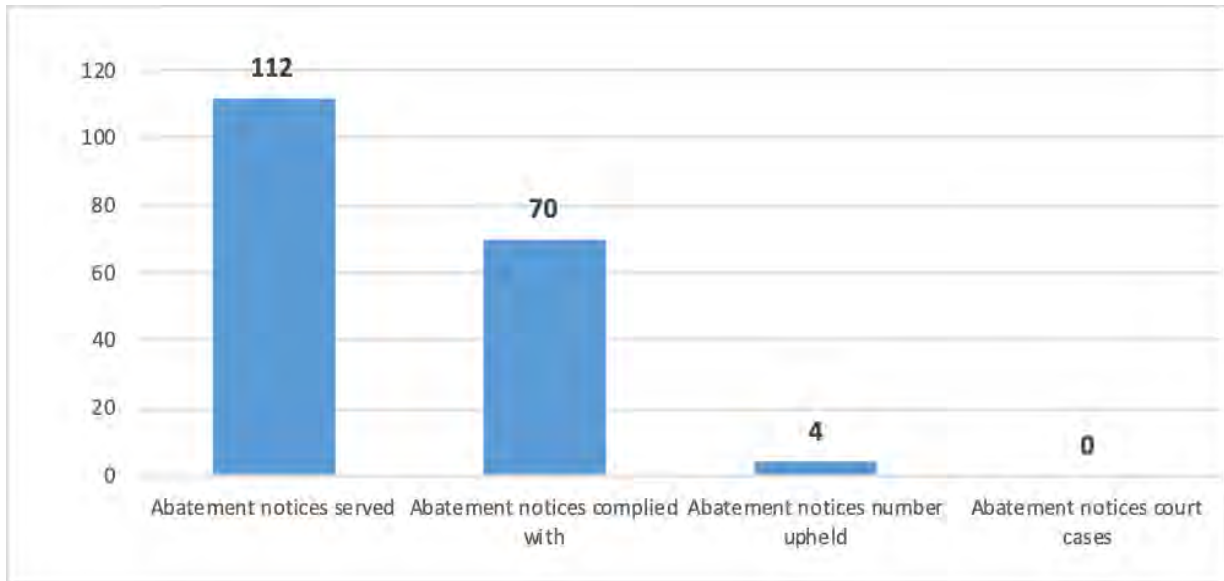


Source, HMIS 2019



## 24.4 Abatement notices

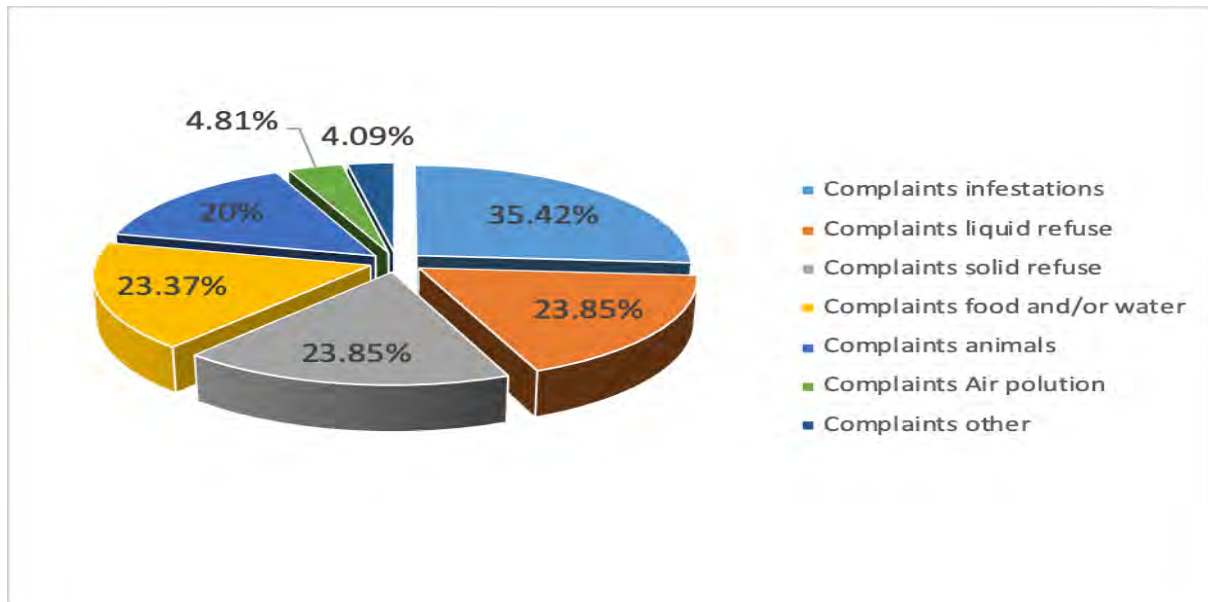
Figure 51. Abatement Notices by Public Health Officers, The Gambia 2019



Source, HMIS 2019

## 24.5 Complaints

Figure 52. Percentages of Complaints received by Public Health officers, The Gambia 2019



Source, HMIS 2019

## 25.0 laboratory Services

Table 111: Number of Laboratory Services conducted in The Gambia, 2019

Test done	CRR		LRR		NBER		NBWR		URR		WHR1		WHR2		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Blood film tests positive	10	7	79	191	6	5	35	29	1158	1088	3244	4227	1090	1167	12336
Blood film tests negative	342	576	1675	2631	282	319	490	829	2886	3117	48591	61237	6463	8811	138249
Blood film tests done	352	583	1754	2822	288	324	525	858	4044	4205	51835	65464	7553	9978	150585
Blood grouping	1738	1844	487	831	408	4593	185	371	525	1976	4085	14444	1671	6763	39921
HB Test	9342	29902	6623	16573	7249	21538	2948	12761	12434	30319	77692	142804	30083	57540	457808
No. blood donation	1012	680	209	6	503	36	149	9	617	10	3963	154	2015	150	9513
No. blood transfused	344	1413	85	147	144	586	34	72	100	551	2451	1099	212	2457	9695
No. of AFB positive	94	43	30	21	187	21	95	68	46	48	382	205	103	35	1378
No. of cases tested for AFB	435	452	156	147	361	510	262	246	241	341	2129	1717	555	508	8060
Sickle cell	107	708	123	565	78	148	15	181	358	1410	903	4601	170	603	9970
Sickle cell positive	54	55	21	148	44	47	4	2	97	69	76	211	9	120	957
Stool microscopy	16	116	253	488	27	162	59	286	10	58	981	1233	76	183	3948
Total RPR	110	4770	321	2167	56	4338	40	3415	570	4279	1163	13330	580	7228	42367
Total TPHA	20	1903	-	-	-	1	-	3	10	60	560	2101	1	14	4673
Urinalysis	1516	7691	1334	6138	572	6110	139	3572	2382	10667	14137	55392	3873	17226	130749

Table 112: Number of Laboratory services Provided, The Gambia 2017

Services	Male	Female
Blood film negative	69,940	100,623
Blood film positive	12,507	12,756
Total blood film test done	82,447	113,379
Blood grouping	9,561	34,857
HB Test	129,693	289,894
No. blood donation	7,549	741
No. blood transfused	3,892	5,656
No. of AFB positive	752	416
No. of cases tested for AFB	4,114	3,733
Sickle cell	1,103	8,364
Sickle cell positive	330	652
Stool microscopy	701	1,724
Total RPR	3,097	37,345
Total TPHA	476	2,085
Urinalysis	19,715	103,843

Source: HMIS, 2017

## 26.0 Health Facilities Referrals

Table 113: Number of health facilities referral out made in The Gambia,2019

No.	Disease/Conditions	Number	Percent
1	Hypertension	761	8.80
2	Others NCDs	740	8.56
3	PIH / Pre-eclampsia	635	7.35
4	Neonates referred for complications	631	7.30
5	Other Obstetric complication	603	6.98
6	Antepartum Haemorrhage	558	6.46
7	Other injuries	533	6.17
8	Anaemia in pregnancy	513	5.94
9	Fracture	440	5.09
10	Severe malaria	338	3.91
11	Malpresentation	274	3.17
12	Diabetes	264	3.05
13	Eclampsia	237	2.74
14	Abortion	230	2.66
15	Suspected TB	216	2.50
16	Fall from Height	196	2.27
17	Postpartum Haemorrhage	174	2.01
18	Asthma	148	1.71
19	Cardiac disorder	139	1.61
20	Snake bites	139	1.61
21	Sickle cell	111	1.28
22	Severe Abdominal Pain	105	1.21
23	Renal failure	90	1.04
24	Others	73	0.84

Table 114: Number of Referrals of NCDs Cases 2019

Regions	Diabetes Male	Diabetes Female	Hypertension Male	Hypertension Female	Asthma Male	Asthma Female	Others NCDs Male	Others NCDs Female	Sickle cell Male	Sickle cell Female
CRR	20	15	56	48	17	18	40	33	11	9
LRR	18	6	25	7	7	4	33	12	35	25
NBER	6	6	17	165	4		80	36	2	0
NBWR	15	8	31	21	10	3	50	31	1	1
URR	12	6	23	22	6	11	42	40	2	2
WHR1	45	63	121	131	29	29	67	66	4	13
WHR2	20	24	40	54	5	5	119	91	3	3
<b>Total</b>	<b>136</b>	<b>128</b>	<b>313</b>	<b>448</b>	<b>78</b>	<b>70</b>	<b>431</b>	<b>309</b>	<b>58</b>	<b>53</b>

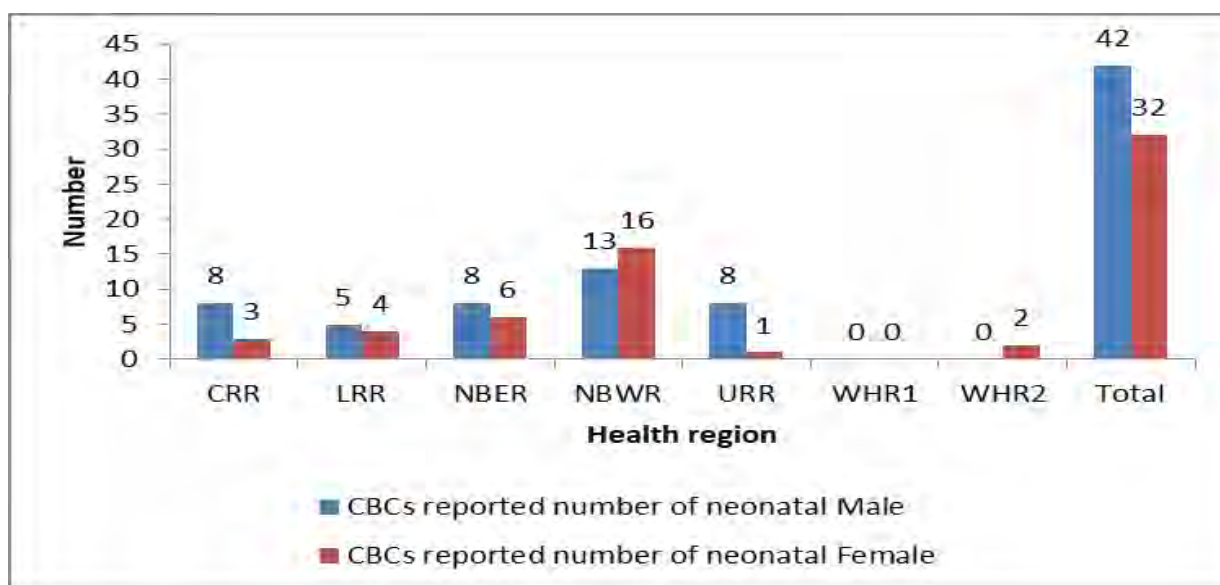
## 27.0 Village Health Services

Table 115: Number of Births Reported at Community by Region 2019

Region	Live births attended Male	Live births attended Female	Other live births attended Male	Other live births attended Female	Stillbirths attended Male	Stillbirths attended Female	Other stillbirths attended Male	Other stillbirths attended Female
CRR	169	164	33	62	13	8		2
LRR	108	88	64	90	1	1	1	3
NBER	53	395	41	51	0	0	5	1
NBWR	44	39	278	253	4	1	1	2
URR	347	433	134	125	3	3	7	3
WHR1	119	121	110	119	0	0	0	0
WHR2	84	117	50	99	0	0	0	0
<b>Total</b>	<b>924</b>	<b>1357</b>	<b>710</b>	<b>799</b>	<b>21</b>	<b>13</b>	<b>14</b>	<b>11</b>

Sources HMIS, 2019

Figure 53. CBCs Reported number of Neonatal Deaths by Region in 2019



Sources, HMIS 2019

Table 116: Number of Pills and Motivation by CBCs Reported by Region 2019

Region	Cycles of pills issued Female	Women given pills Female	Motivations given Male	Motivations given Female
CRR	303	186	76	523
LRR	185	97	63	379
NBER	0	7	86	215
NBWR	60	49	80	739
URR	910	394	129	663
WHR1	1153	389	64	93
WHR2	730	114	4	137
<b>Total</b>	<b>3341</b>	<b>1236</b>	<b>502</b>	<b>2749</b>

Sources, HMIS 2019

Table 117: Number of Referral by CBCs to Health Facility Reported by Region 2019

Region	Male	Female	Family Planning Male	Family Planning Female	Mothers with complications Female
CRR	410	2264	15	324	68
LRR	294	746	19	120	17
NBER	167	1062	38	94	2
NBWR	86	1480	5	391	79
URR	349	1465	362	561	194
WHR1	90	178	25	53	18
WHR2	65	181	2	17	19
<b>Total</b>	<b>1461</b>	<b>7376</b>	<b>466</b>	<b>1560</b>	<b>397</b>

Sources, HMIS 2019

Table 118: Number of VHW Uncomplicated Malaria Confirmed with RDT Reported by Regions in 2019.

Region	Male < 5	Male > 5	Female < 5	Female > 5	MIP Female > 5
CRR	7	54	8	43	1
LRR	1	6	3	4	0
NBER	2	7	3	3	0
NBWR	4	2	3	2	0
URR	11	43	10	33	2
WHR1	0	0	0	0	0
WHR2	0	0	0	1	0
<b>Total</b>	<b>25</b>	<b>112</b>	<b>27</b>	<b>86</b>	<b>3</b>

Table 119: Number of Suspected Malaria Cases Reported by VHW by Region 2019

Region	Suspected Malaria Cases Male < 5	Suspected Malaria Cases Male > 5	Suspected Malaria Cases Female < 5	Suspected Malaria Cases Female > 5
CRR	113	239	103	219
LRR	25	16	20	13
NBER	143	134	128	117
NBWR	709	633	649	628
URR	134	157	136	131
WHR1	0	0	0	0
WHR2	5	16	5	19
<b>Total</b>	<b>1129</b>	<b>1195</b>	<b>1041</b>	<b>1127</b>

Sources, HMIS 2019

Table 120: Number of Positive RDT Test Reported by Region 2019

Region	Male < 5	Male > 5	Female < 5	Female > 5
CRR	8	54	8	45
LRR	3	0	2	0
NBER	4	8	3	2
NBWR	0	2	0	0
URR	5	39	3	32
WHR1	0	0	0	0
WHR2	0	0	0	0
<b>Total</b>	<b>20</b>	<b>103</b>	<b>16</b>	<b>79</b>

Sources: HMIS, 2019

Table 121: Number of Coartem Issue by VHW and Reported by Region 2019

Region	Coartem 6 Male < 5	Coartem 6 Female < 5	Coartem 12 Male < 5	Coartem 12 Male > 5	Coartem 12 Female > 5	Coartem 18 Male > 5	Coartem 18 Female > 5	Coartem 24 Male > 5	Coartem 24 Female > 5
CRR	1	0	2	6	11	10	11	32	18
LRR	0	0	0	0	0	0	0	0	0
NBER	2	2	1	1	0	0	0	7	2
NBWR	0	0	0	0	0	0	0	3	0
URR	3	3	0	8	7	11	9	14	11
WHR1	0	0	0	0	0	0	0	0	0
WHR2	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>15</b>	<b>18</b>	<b>21</b>	<b>20</b>	<b>56</b>	<b>31</b>

Sources: HMIS, 2019

Table 122: Number of Diarrhoea Cases Reported by VHW by Region 2019

Region	Male < 5	Male > 5	Female < 5	Female > 5
CRR	1005	400	1033	377
LRR	494	247	538	251
NBER	380	180	396	203
NBWR	1287	943	1327	878
URR	871	556	878	584
WHR1	58	65	85	51
WHR2	44	24	36	16
<b>Total</b>	<b>4139</b>	<b>2415</b>	<b>4293</b>	<b>2360</b>

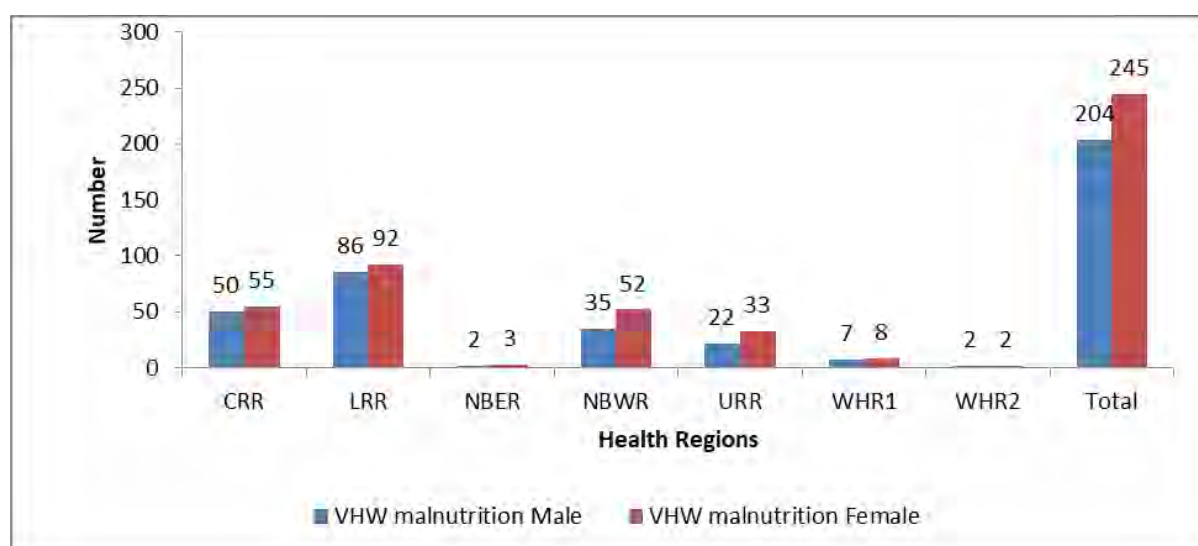
Sources: HMIS, 2019

Table 123: Number of Deaths Reported at the Village Health Service by Region 2019

Region	Infant deaths Male	Infant deaths Female	Deaths Male < 5	Deaths Female < 5	Deaths Male > 5	Deaths Female > 5
CRR	5	8	6	7	64	56
LRR	3	7	24	17	60	62
NBER	3	5	3	8	32	23
NBWR	14	16	9	18	76	60
URR	1	3	5	9	65	76
WHR1	0	0	2	3	16	17
WHR2	4	1	9	3	79	58
<b>Total</b>	<b>30</b>	<b>40</b>	<b>58</b>	<b>65</b>	<b>392</b>	<b>352</b>

Sources: HMIS, 2019

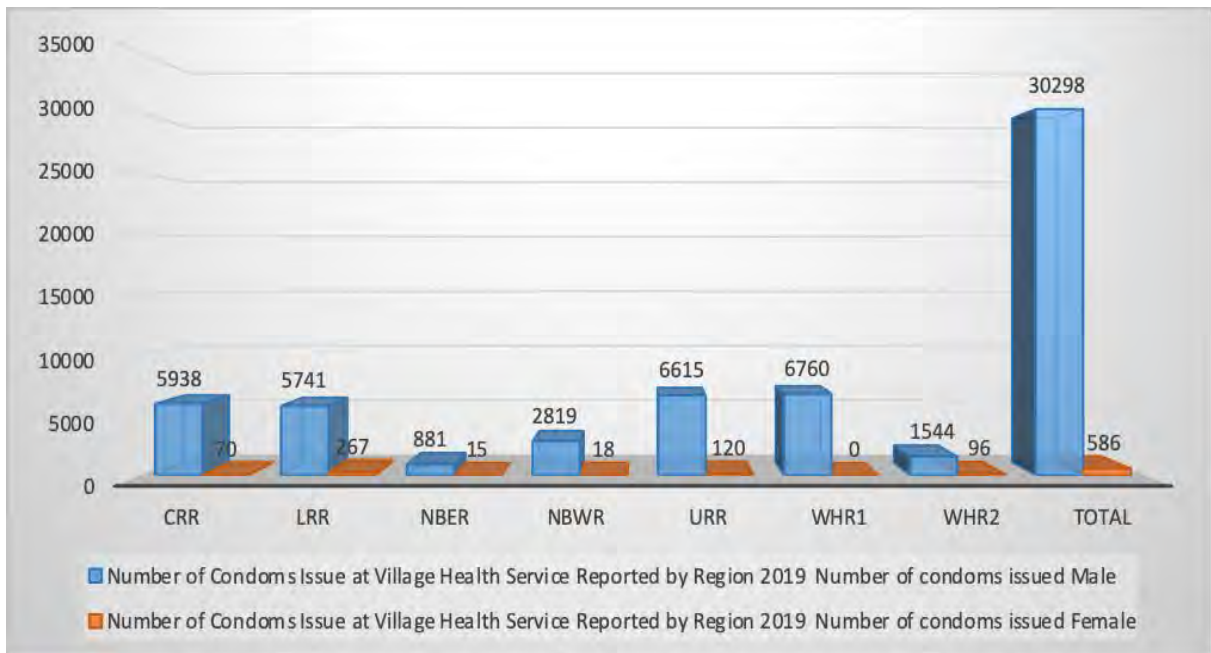
Figure 54. Number of Malnutrition at the community by 2019



Source, HMIS 2019

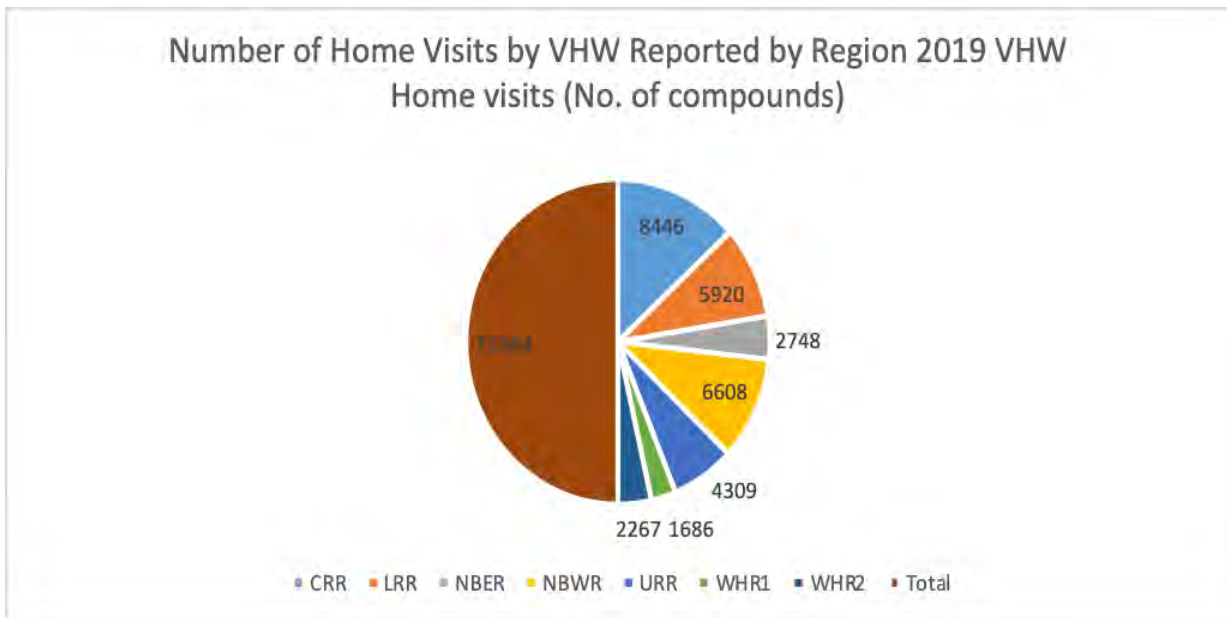


Figure 55. Number of Condoms Issue at Village Health Service Reported by Region 2019



Sources: HMIS 2019

Figure 56. Number of Home Visits by VHW Reported by Region 2019



Sources: HMIS, 2019

Table 124: Number of Referrals to Health Facilities at the VHW Reported by Region 2019.

Region	Male < 5	Male > 5	Female < 5	Female > 5
CRR	1961	1705	1834	1716
LRR	1919	1990	1830	1533
NBER	890	844	846	1405
NBWR	1515	1307	1520	1430
URR	2306	2072	2300	2146
WHR1	321	362	138	96
WHR2	226	168	210	227
<b>Total</b>	<b>9138</b>	<b>8448</b>	<b>8678</b>	<b>8553</b>

Sources: HMIS, 2019

## 28.0 Drug Consumption

Table 125: Consumption of Essential Medicines by the Public Health and NGOs Facilities, The Gambia 2019

Name of Medicine	Q1	Q2	Q3	Q4	Total
Artemether-lumefantrine 20/120 mg (6 tabs) at facility	1639	397	2154	6737	10927
Artemether-lumefantrine 20/120 mg (12 tabs) at facility	1663	289	2515	7456	11923
Artemether-lumefantrine 20/120 mg (18 tabs) at facility	1495	402	2239	4614	8750
Artemether-lumefantrine 20/120 mg (24 tabs) at facility	2900	838	8347	22743	34828
Rapid Diagnostic Test kits (RDT) at facility	84823	71117	155406	176002	487348
Quinine Sulphate 300mg tab at facility	0	0	0	0	0
Quinine Sulphate 300mg /2ml(AMP) at facility	0	0	0	0	0
Paracetamol 500 mg tabs at facility	2530749	1895029	1453888	675719	6555385
Paracetamol 100mg tab at facility	822641	713561	866940	57496	2460638
Sulphadoxine+Pyrimethamine 500+25mg tab at facility	165448	96239	105576	111968	479231
Ferrous sulphate+Folic Acid 200mg tab at facility	1736019	1328406	1800123	1633423	6497971
Oral Rehydrated Salts (SHT) at facility	42782	31511	33654	6691	114638
Magnesium sulphate injection 50% Amp at facility	2813	3655	3959	4203	14630
Oxytocin 10IU/ML Amp at facility	21157	19393	17878	28071	86499
Cotrimoxazole 480mg tab at facility	1080751	932239	1762833	1637732	5413555
Cotrimoxazole 240/40mg 5ml - 100ml at facility	16124	11203	7661	9403	44391
Amoxicillin 250mg cap at facility	1837372	1727513	1724761	1886964	7176610
Benzyloxyphenylpenicillin Sodium 1mu (Vial) at facility	16446	5223	280	850	22799
Mebendazole 500MG tab at facility	1113003	75664	75600	92191	1356458
Vitamin A at facility	36475	20360	153	0	56988
Tetracycline Eye Oint 1% (TUBE) at facility	8463	10251	7294	9078	35086

Source: LMIS, 2019

Table 126: Number of three highest family planning consumption in 2019

Item Name	NBWR	WHR 1	CRR	URR	WHR2	LRR	NBER
Levonogestrol 750mcg tabs( Emergency contraceptive) at facility	208	777	586	553	620	181	53
Depo- Provera injection	8590	63892	9165	5601	14637	760	6696
Etonogestrel implant - IMPLANON®	2564	6207	1897	780	2170	350	1349