

GHANA AIDS COMMISSION



Under the Office of the President

National and Sub-National **HIV** and **AIDS** Estimates and Projections

2020 Report



GHANAIANS AND AMERICANS
IN PARTNERSHIP TO FIGHT HIV/AIDS



World Health Organization



NACP
NATIONAL AIDS CONTROL PROGRAMME



UNAIDS

GHANA AIDS COMMISSION



Under the Office of the President

National and Sub-National HIV and AIDS Estimates and Projections

2020 Report



Table of Contents

LIST OF TABLES	iv
LIST OF FIGURES	v
ABBREVIATIONS	vi
ACKNOWLEDGEMENT	viii
EXECUTIVE SUMMARY	ix
1.0 INTRODUCTION	1
2.0 BACKGROUND OF ESTIMATION AND PROJECTION	2
2.1 MAJOR CHANGES IN THE MODELLED ESTIMATES AND PROJECTIONS	2
3.0 METHODS OF ESTIMATION AND PROJECTION	4
3.1 National Estimates – Using Spectrum	4
3.1.1 Data Sources	4
3.1.2 Generating the Epidemic Curve	5
3.1.3 Estimating 90-90-90 and Treatment Cascade Targets	8
3.2 Sub-National Estimates – Naomi	8
3.2.1 Sources of Data	9
3.2.2 Generating the Sub-National Estimates and Projections	9
3.3 Limitations of the Methods (Estimates & Projections)	10
4.0 RESULTS	11
4.1 National Estimates Results	11
4.2 Outlook for 2021	12
4.3 Trends and Projections from 2015 – 2025	13
4.3.1 HIV Population	13
4.3.2 HIV Prevalence	13
4.3.3 New HIV Infections (All)	14

4.3.4	Adult Incidence (15-49 years)	14
4.3.5	AIDS Deaths	15
4.3.6	HIV Population, New Infection and Deaths	15
4.3.7	ART Coverage	16
4.3.8	Adults Needing and Receiving ART	17
4.3.9	Prevention of Mother-to-Child Transmission of HIV	18
4.3.10	90-90-90 Targets	19
4.4	Sub-National Estimates Results	20
4.4.1	Regional HIV Population, Prevalence and ART Coverage	20
4.4.1	Regional HIV Population, Prevalence and ART Coverage	21
4.4.2	District Level Estimates	22
5.0	CONCLUSION	23
6.0	APPENDICES	24
6.1	Summary of HIV Statistics	24
6.2	Regional HIV Estimates for 2020 and Projections for 2021 & 2022	42
6.3.	Sub-national Projections for 2021 (Regional Level)	43
6.4	Sub-national Projections for 2022 (Regional Level)	44
6.5	Sub-national Estimates for 2020 (District Level)	45
6.6	Sub-national Projections for 2021 (District Level)	58
6.7	Sub-National Projections for 2022 (District Level)	70

List of Tables

Table 1: EPP Curve Fitting, Urban	5
Table 2: EPP Curve Fitting, Rural	5
Table 3: Population and Demographic Parameters Used for Projection	7
Table 4: Programme Indicators	8
Table 5: National HIV Prevalence and Estimates, 2020	11
Table 6: National HIV Prevalence Estimates, Outlook for 2021	12
Table 7: Treatment cascade; All age groups – 2020	19
Table 8: Proportion of HIV Population by Regions	20
Table 9: Summary of HIV Population	24
Table 10: Trends in Projected HIV Incidence, AIDS Mortality	24
Table 11: Trends in Projected ART Needs	25
Table 12: Children under 1-year Summary	25
Table 13: Children 1 to 4 years Summary	25
Table 14: Children 0 to 14 years Summary	26
Table 15: Adolescents 10 to 19 years Summary	26
Table 16: Adults 15 - 24 years Summary	27
Table 17: Adults 15 to 49 years Summary	28
Table 18: Adults 15+ years Summary	29
Table 19: AIDS Orphans Summary	30
Table 20: PMTCT Summary	31
Table 21: Impact Summary	32
Table 22: HIV Age Distribution	33
Table 23: Sub Populations Summary	34
Table 24: DHS + HIV Prevalence (2003)	36
Table 25: DHS + HIV Prevalence (2014)	36
Table 26: HIV Prevalence, Routine Data, Sample Size - Urban Sites	37
Table 27: HIV Prevalence, Routine Data, Sample Size - Rural Sites	40
Table 28: Regional HIV Estimates for 2020	42
Table 29: Regional HIV Projections for 2021	43
Table 30: Regional HIV Projections for 2022	44
Table 31: District Estimates	45
Table 32: District Projections for 2021	58
Table 33: District Projections for 2022	70

List of Figures

Figure 1: National Urban HIV Prevalence Curves	6
Figure 2: National Rural HIV Prevalence Curves	6
Figure 3: Population Living with HIV in Total (Urban and Rural Areas)	7
Figure 4: Total HIV Population (Total 0-80+)	13
Figure 5: Adult HIV Prevalence (15-49)	13
Figure 6: Number of New Infections (All)	14
Figure 7: Adult Incidence (15-49 years)	14
Figure 8: Cumulative AIDS Deaths	15
Figure 9: Annual AIDS Deaths (All Ages)	15
Figure 10: HIV Population, New Infection and Deaths	16
Figure 11: ART Coverage of all HIV+ Adults (15 years and above)	16
Figure 12: ART Coverage of All HIV+ Children (0-14)	17
Figure 13: Adults 15+ Needing and Receiving ART	17
Figure 14: Deaths Averted by ART (ALL)	18
Figure 15: Mothers Needing and Receiving PMTCT	18
Figure 16: PMTCT Coverage	19
Figure 17: Treatment cascade; All age groups % PLHIV (90-81-73)	19
Figure 18: Treatment cascade; All age groups % Eligible (90-90-90)	20
Figure 19: Map Showing Regional HIV Population (All Ages)	21
Figure 20: Map Showing Regional Adult HIV Prevalence (15-49)	21
Figure 21: Map Showing Regional ART Coverage (All Ages)	21
Figure 22: Map Showing District HIV Population (All Ages)	22
Figure 23: Map Showing District Adult HIV Prevalence (15-49)	22
Figure 24: Map Showing District ART Coverage (All Ages)	22
Figure 25: Overview of Estimation Process for Generalized Epidemic	36

Abbreviations

AIDS	Acquired Immunodeficiency Syndrome
ANC	Ante-Natal Care
ART	Antiretroviral Therapy
ARV	Antiretroviral
BSS	Behavioral Surveillance Survey
BCC	Behavior Change Communication
CDC	Centres for Disease Control and Prevention
CSW	Commercial Sex Worker
CV	Community Volunteer
DA	District Assembly
EPP	Estimation and Projection Package Modelling
FSW	Female Sex Worker
GAC	Ghana AIDS Commission
GDHS	Ghana Demographic and Health Survey
GES	Ghana Education Service
GFATM	Global Fund for AIDS, Tuberculosis and Malaria
GHS	Ghana Health Service
GSS	Ghana Statistical Service
HAART	Highly Active Antiretroviral Therapy
HCW	Health Care Worker
HIV	Human Immunodeficiency Virus
HSS	HIV Sentinel Survey
HTC	HIV Testing and Counselling
IeDEA	International Epidemiology Databases to Evaluate AIDS
IEC	Information Education and Communication
IPC	Inter personal Communication
JSI	John Snow Inc.
KP	Key Populations
LEAP	Livelihood Empowerment Against Poverty
MOE	Ministry of Education
MOH	Ministry of Health
MSM	Men who have Sex with Men
NACP	National AIDS/STI Control Programme
NGO	Non-governmental Organisation
NSF	National Strategic Framework
NSP	National Strategic Plan
OIs	Opportunistic Infection
PEP	Post Exposure Prophylaxis

PHIA	Population-based HIV impact assessment
PLHIV	People living with HIV and AIDS
PMTCT	Prevention of Mother to Child Transmission
SHARP	Strengthening HIV and AIDS Response Partnerships
SSS	Senior Secondary School
STI	Sexually Transmitted Infections
TB	Tuberculosis
TWG	Technical Working Group
UNAIDS	Joint United Nations Programme on HIV AND AIDS
WHO	World Health Organisation

ACKNOWLEDGEMENT

Ghana's National Estimates Team (NET) generated and produced the 2020 Estimates and Projections with technical and financial support from Ghana AIDS Commission (GAC), US Centres for Disease Control and Prevention (CDC), World Health Organisation (WHO) National AIDS/STI Control Programme (NACP), Ghana Health Service (GHS), Ghana Statistical Service and UNAIDS (Geneva and Ghana).

Avenir Health, with support from UNAIDS Reference Team and partners, developed the tools for generating the estimates and projections (Estimation and Projection Package (EPP) and SPECTRUM).

The Research, Monitoring and Evaluation (RM&E) Committee of the Ghana AIDS Commission validated the 2020 Estimates and Projections. Their wealth of knowledge and experience ensured the estimates report responds to national needs and measure up to global standards.

Special thanks go to all the institutions that provided the source data for the estimates: Ghana Statistical Service (GSS) (Ghana Demographic and Health Survey (GDHS 2003, 2008 and 2014 and Projected Population), Ghana Health Service (GHS) and NACP (HIV Sentinel Survey (HSS) and HIV programme data).

We express our profound gratitude to Mr. Kyeremeh Atuahene, Ms Angela Trenton-Mbonde and Dr. Stephen Ayisi-Addo for the leadership and technical oversight for the entire estimation process. We further acknowledge the effort of the National Estimates Team: Mr. Isaiah Doe Kwao, Mr. Ekow Wiah, Mr. Silas Quaye, Mr. Godwin Odei Gyebi, Dr. Anthony Ofosu and Dr. Henry Nagai, Dr. Anthony Ashinyo, Dr. Kafui Senya, Dr. Reincha McCree, Mr. Frank Amoyaw and Rev. Kenneth Danso. Appreciation is expressed for the immense contribution of Dr. Ernest Cudjoe Opoku, Mr. Emmanuel Larbi, Ms. Cynthia Adobea Asante, Mr. Paul Ayamah, Mr. Dennis Annang, Mr. Kwasi Gyimah Okai, and Mr. Nana Amoako Acheampong for supporting the generation of the national and sub-national estimates, production, review and finalization of the report.

EXECUTIVE SUMMARY

HIV prevalence and burden data are generated through an elaborate process and serve as a crucial reference point for policy, resource allocation and implementation of programmes in the national response. For countries with generalized epidemics like Ghana, the Estimation and Projection Package (EPP) (in-built in the SPECTRUM Projection Package) has been designed as a tool to construct the national levels and trends of the epidemic. Additionally, SPECTRUM version 6.06, which was used to generate the estimates and projections for 2020, uses the built-in Naomi tool to generate HIV Estimates for the various age groups at the sub-national levels.

The following data sources constituted the data inputs for the estimates at the national level and sub-national level estimates and projections: Ghana Demographic Health Survey (2003, 2014); HIV sentinel survey (54 sites); programme data (comprising PMTCT and ART). Other variables used in the estimation model include UN projected population data (by age and sex), mortality (life expectancy), AIDS Survival, pediatric transmission parameters, adult transmission parameters, HIV related fertility, MTCT transmission probabilities and breast-feeding patterns. The R-Hybrid model was used for generating the curves as it represents the best model for countries with more than eight (8) years of surveillance data and over seven (7) surveillance sites. Uncertainty analysis function in Spectrum was used to generate the confidence interval for all the estimates and projections. The national file, generated in Spectrum, is then inputted into the Naomi Model together with geographical, population, survey and programme data from the District level to generate the sub-national results.

In 2020, the estimated HIV population for Ghana was 346,120 comprising 229,755

(66%) females and 116,364 (34%) males. The HIV population for Adult (15+ years) and children (0-14 years) was 317,410 and 28,710 respectively. The national HIV prevalence was 1.68%. Estimated total new HIV infections was 18,928 consisting of 12,443 (66%) females and 6,485 (34%) males with 3,683 (20%) occurring among children (0-14years). Total AIDS deaths were 12,758 (made up of 6,189 males and 6,569 females).

The age-groups 10-19 and 15-24 present a notable challenge in terms of the gender distribution of their respective HIV populations, new infections and other indicators. Taking the new infections as an example, in 2020, of the 5,211 new infections which occurred among the 15-24 age group, 4,348 (representing 83%) occurred among females. Similarly, females accounted for approximately 92% of new infections among the 10-19 age bracket. This trend is replicated in some other indicators for the two age groups referenced above.

While ART (15+) and PMTCT coverage stood at 63% and 72% respectively, the unmet need for ART and PMTCT were 119,957 and 5,026. Ghana's performance on the 90-90-90 is summarized as follows: in 2020, 63% of all PLHIV knew their HIV status; out of this number, 96% were enrolled on treatment and 73% of those on treatment had attained viral suppression.

At the sub-national level, Ashanti Region recorded the highest number of HIV population (PLHIV) (73,245), and the highest number of new HIV infections (3,590). Bono East leads in ART coverage (68%). Bono Region had the highest HIV prevalence of 2.50%, with the lowest prevalence occurring in Northern Region and North East (0.6% apiece). Eight Regions (Ahafo, Ashanti, Bono, Bono East, Eastern, Greater Accra, Western, and Western

North) exceeded the mean national HIV prevalence of 1.68% for 2020 while the rest fell below same. North East Region recorded the lowest number of new HIV infections (170).

At the District level, Kumasi Metropolis in the Ashanti Region recorded the highest numbers of PLHIV and new infections: 13,165 and 588, respectively. The remaining Districts that made the top ten in HIV population are Accra Metro (9,553), Kwadaso (6,360), Sekondi-Takoradi (6,193), Tema (4,727), Lower-Manya Krobo (4,695), Okai Koi North (4,287), Oforikrom (4,146), Techiman Municipal (3,867), La-Dade-

Kotopon (3,618). Lower Manya Krobo District recorded the highest prevalence of HIV (3.3%). Overall, only two Districts had 90% or more in ART coverage: Lower-Manya Krobo (91%), Techiman Municipal (91%). A total of 94 Districts recorded ART coverage below 50%, with 14 of them falling below 10%.

The 2020 National and Sub-National Estimates will provide relevant data for epidemiologists, researchers, policy makers and other key stakeholders to accelerate efforts towards achieving 90-90-90 target and HIV epidemic control by 2030.

...in 2020, of the 5,211 new infections which occurred among the **15-24 age group, 4,348 (representing 83%)** occurred among females.

1.0 INTRODUCTION

Strategic information plays a pivotal role in the national response to HIV as they provide essential guidance for planning and decision-making. Consequently, ample technical effort and resources are invested in generating them, key among which is the national estimates and projections.

HIV prevalence and burden data are generated through an elaborate process and serve as a crucial reference point for policy, resource allocation and implementation of programmes in the national response. Notably, the data is useful for manifold purposes, however, it is primarily employed for understanding the magnitude of HIV and AIDS epidemic and for monitoring impact of interventions. Generation of HIV prevalence data is done using UNAIDS and WHO recommended methods.

Estimating HIV prevalence for countries with generalized HIV epidemics like Ghana is

primarily based on the sentinel surveillance among pregnant women attending antenatal care (ANC) clinic and a national population-based survey which includes HIV testing. Additional program data on the number of men, women and children on ART, the number of pregnant women receiving ARVs (PMTCT), estimated number who know their HIV status, Viral Load and other demographic and epidemiological assumptions are also used to determine the impact and burden of HIV.

This technical report provides the Ghana National and Sub-National HIV Prevalence Estimates for 2020 and Projections from 2015 to 2025 and describes the process and methods used to produce them. It is important to note that estimates and projections captured in this report take precedence over previous ones.

2.0 BACKGROUND OF ESTIMATION AND PROJECTION

Country teams work in groups to update the estimates with the country's most recent surveillance and program data. UNAIDS and partners support country teams to explain new features and review and validate program data and outputs. Countries are expected to refine and share preliminary outputs with other interested parties in the country for their review. Once the results are finalized, UNAIDS uses these to inform the regional and global estimates of HIV.

For countries with generalized epidemics like Ghana, the Estimation and Projection Package (EPP) (in-built in the SPECTRUM Projection Package) has been designed as a tool to construct the national levels and trends of the epidemic. The output of the epidemic curves is used by SPECTRUM together with HIV epidemiological assumptions (ratio of female to male prevalence, distribution of infection by age, survival distribution and effect of HIV on fertility to calculate HIV prevalence, incidence and mortality by age and sex to then estimate national prevalence, incidence, mortality and treatment needs by sex and age groups). SPECTRUM also estimates the number of child infections occurring through mother to child transmission, child deaths, and the number of AIDS orphans, as well as the estimates of persons needing treatment.

Unlike other years, some necessary adjustments were made to this year's estimation process to accommodate the peculiarities of the COVID-19 era. The process began with stakeholder engagements and trainings of NET on the new tools (introduced by UNAIDS Reference Group on Estimates, Modelling and Projections).

The UNAIDS Reference Group on Estimates, Modelling and Projections continues to improve the assumptions and EPP software to ensure better estimates and projections.

The 2020 data was generated using the SPECTRUM version 6.06 which has capability to estimate progress made on the 90-90-90 targets and compare different spectrum files and the introduction of the R-Hybrid Model to help model the HIV epidemic for countries.

Countries require HIV estimates for sub-national geographic areas to plan and monitor their HIV epidemic and response. The Sub-National Estimates uses Census and HIV Program Data to estimate HIV prevalence at the Regional and District levels. These estimates provide the granular strategic information required to improve geographic planning and target setting for the development of national HIV strategic plans. SPECTRUM version 6.06 uses the in-built Naomi tool which was introduced to replace the District Estimates Tool function. It is used to generate HIV Estimates for the various age groups at the district levels.

2.1 Major Changes In The Modelled Estimates And Projections

The methodological changes to the estimates process are reflected as follows:

A. ART data and COVID-19 disruptions

The upgraded Spectrum (version 6.06) provides for ART data to be 2020 to be inputted by year or by month. Entering the data by months makes it possible to measure the disruptions due to COVID- 19 mitigation efforts.

B. Adult natural history model

This was captured using the current population-based HIV impact assessment (PHIA), which estimated the distribution of CD4 cell counts at initial infection with HIV Disease progression rates among people not

on treatment HIV-related mortality rates off ART. To adjust for this several inputs were updated to better fit to the PHIA data

C. Sex ratio of incidence

Spectrum uses an incidence rate ratio trend to disaggregate adult incidence by sex. Most countries with generalized epidemics use a default pattern with higher incidence in women than men and which is set at a fixed value from about 20 years into the epidemic onward. To account for this, Spectrum now increases the sex ratio by 0.05 per year during 2010-2020

D. Reduction in Transmission on ART

Spectrum previously assumed that ART reduces HIV incidence 0.7% per percentage point increase in ART coverage. This parameter value was increased from 0.7% to 0.8% based on review of mechanistic HIV transmission models and evidence from Universal Test and Treat trials.

E. Treatment interruption

As an assumption in the model, people who interrupted ART returned to their baseline CD4 count category when they dropped off. Spectrum now assumes these people are one CD4 category higher after ART interruption, based on a review of treatment interruption literature. This only applies to patients on ART for more than 12 months before interruption.

F. Pediatric Mortality on ART

Assumptions on mortality rates among the population on ART are based on data from the International Epidemiology Databases to Evaluate AIDS (IeDEA) network of treatment sites. The analysis considers age, CD4 at initiation, duration on ART, and region.

G. Fertility among women living with HIV

Assumptions about how HIV impacts fertility have been updated. These updates reflect the changes in the CD4 levels of women based on the changes in the adult natural history model (discussed above). In addition the calculation of these ratios have been updated to include more household survey data that have become available since the last analysis in 2018.

H. Breastfeeding Practices

Spectrum's model of breastfeeding duration in sub-Saharan Africa has been updated with the addition of three new surveys. In addition, data from all PHIA surveys were removed except for the 2015 surveys from Malawi, Zambia, and Zimbabwe. The PHIA surveys conducted after these first three surveys underestimated breastfeeding duration due to a change in the questionnaire.

3.0 METHODS OF ESTIMATION AND PROJECTION

Two methods were used to generate the estimates and projections data for the year: Spectrum and Naomi for the national and sub-national levels respectively.

3.1 National Estimates – Using Spectrum

Estimates for the size of HIV and AIDS population and the demographic impact was based on the curve generated in EPP, estimates of the population, epidemiological assumptions and service provision program data. The Spectrum application calculates the number of adults and children living with HIV, AIDS deaths, new infections, and treatment needs and coverage.

3.1.1 Data Sources

Data from sources indicated below were inputted into the Spectrum application to generate the national estimates and projections:

A. Ghana Demographic and Health Survey

The 2003 and 2014 GDHS (which included data on HIV testing, HIV prevalence for urban and rural localities as well as their sample size and standard errors) in addition to the HSS data was used in building assumptions to generate the national epidemic curve.

B. HIV Sentinel Surveillance (HSS)

Ghana has conducted annual HSS in the past 28 years to provide the trends of HIV infection among pregnant women. In the last ten (10) years, the HSS data has been the primary data source for the National HIV and AIDS estimates and projections in Ghana. There are currently 55 sentinel sites (35 urban and 20 rural sites) in the country, however 54 sites

provided samples for the 2020 HSS. The rural/urban proportion of sites ensures a balanced representation in the determination of the HIV prevalence in Ghana. HIV prevalence among antenatal clients for 2020 is 2.0% (95% C.I 1.83-2.17). The mean and median HIV prevalence in urban sites (Mean: 2.7%, Median: 2.6%) and in rural sites (Mean: 1.8%, Median: 1.8%). The HSS sites data for Rural and Urban sites from 1992 to 2020 was entered into EPP as part of the data used to generate the epidemic curve.

C. Program Data

Program data on the number of pregnant women receiving ARVs (PMTCT); number of men, women and children on ART children and adult; number of PLHIV tested for viral load and number of PLHIV who are virally suppressed were entered as an input data into SPECTRUM. However, the team was unable to complete the disaggregation of ART by Age which is a new feature under program statistics (in SPECTRUM) but this shall be done in subsequent years.

D. Other Data Applied

- ▶ Estimates of the population by age and sex projected over time using data from the UN Population Division.
 - Survival on ART for Children:
 - Under 1-year-old - 85%
 - Age 1 year and Older
 - 1st year survival - 85% and survival in subsequent years - 93%.
- ▶ Ratio of fertility of HIV infected women to the fertility of uninfected women (15-49) is 95%.

From 2017 ARV eligibility criteria for adults has been removed in conformity with the Treat All

policy. However, the following variables are captured as default values in SPECTRUM:

- ▶ Pediatric transmission parameter
- ▶ Adult transmission parameters
- ▶ HIV related fertility
- ▶ MTCT transmission probabilities
- ▶ Net migration patterns
- ▶ Life Expectancy
- ▶ Breast Feeding patterns

3.1.2 Generating the Epidemic Curve

The R-Hybrid model was used for generating the curves. This is the best model for countries

with more than 8 years of surveillance data and over 7 surveillance sites. Using the sentinel surveillance and GDHS data, the EPP software generates several probable curves first and then selects a sample of “the best fit curves” out of the total number initially generated. The final epidemic curve is the median of the resampled curves. The specific conditions for each parameter are displayed in tables 1 and 2 respectively. Based on the parameters and prevalence data from HSS calibrated with DHS+ data, the best fit curve for the Ghana HIV epidemic was generated for both urban and rural locations. See Figures 1 and 2 below.

Table 1. EPP Curve Fitting, Urban

R-Hybrid					
Limits on curve generation					
Limits:	1.0000E-13	< y0 <	0.0025		
log r0 mean	-1.0498	r0 σ	0.500		
log r1 mean	-2.4079	r1 σ	0.300		
log α mean	-1.6094	α σ	0.500		
t_mid mean	1993	t_mid σ	5.000		
Epidemic start year (t0)	1975				
RW Start Year	2003				
RW standard deviation	0.0600				
RW knot spacing (yrs)	5				
Use optimization in R-Hybrid	<input checked="" type="checkbox"/>				
Conditions on prevalence					
<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005
<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005
<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005
<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005
<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005
Current seed:	2				
Workset					
Number of Threads	4				
Use ANC adjustment	<input checked="" type="checkbox"/>				
Use age-sex model	<input checked="" type="checkbox"/>				
Use variance inflation	<input checked="" type="checkbox"/>				
Lambda VI	66.6667				

Table 2. EPP Curve Fitting, Rural

R-Hybrid					
Limits on curve generation					
Limits:	1.0000E-13	< y0 <	0.0025		
log r0 mean	-1.0498	r0 σ	0.500		
log r1 mean	-2.4079	r1 σ	0.300		
log α mean	-1.6094	α σ	0.500		
t_mid mean	1993	t_mid σ	5.000		
Epidemic start year (t0)	1975				
RW Start Year	2003				
RW standard deviation	0.0600				
RW knot spacing (yrs)	5				
Use optimization in R-Hybrid	<input checked="" type="checkbox"/>				
Conditions on prevalence					
<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005
<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005
<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005
<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005
<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005	<= 100.00 in year 2005	>= 0.00 in year 2005
Current seed:	1				
Workset					
Number of Threads	4				
Use ANC adjustment	<input checked="" type="checkbox"/>				
Use age-sex model	<input checked="" type="checkbox"/>				
Use variance inflation	<input checked="" type="checkbox"/>				
Lambda VI	66.6667				

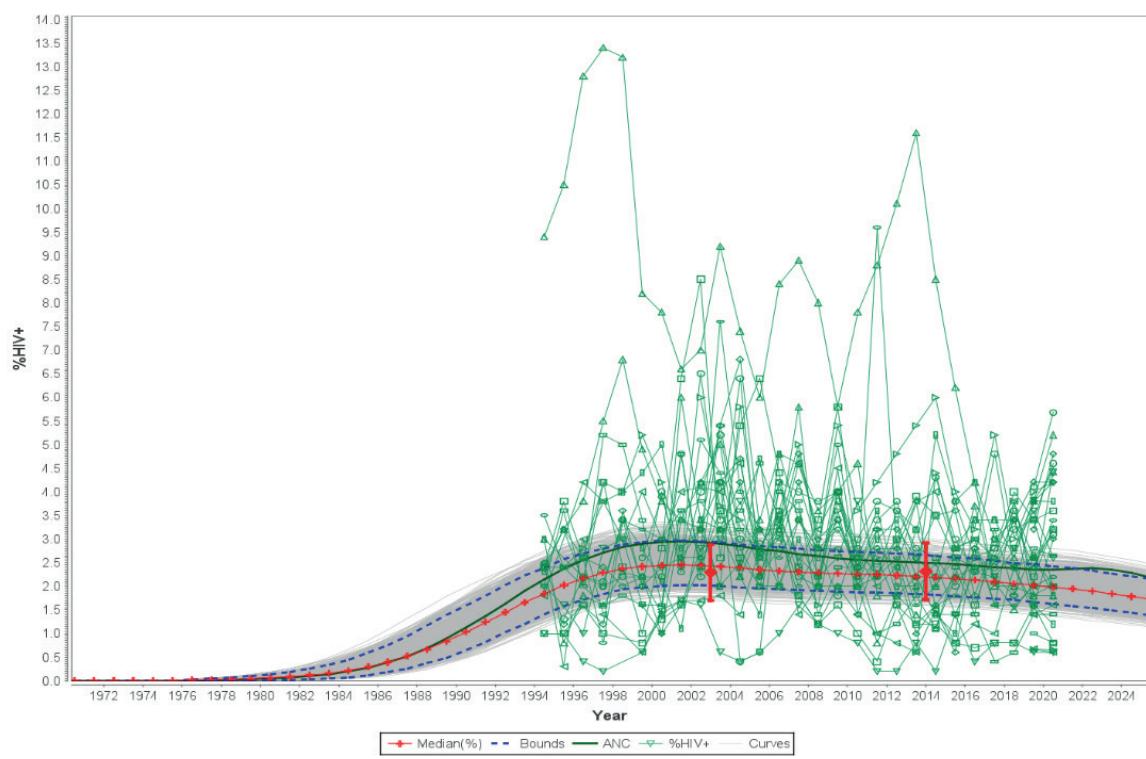


Figure 1: National Urban HIV Prevalence Curves

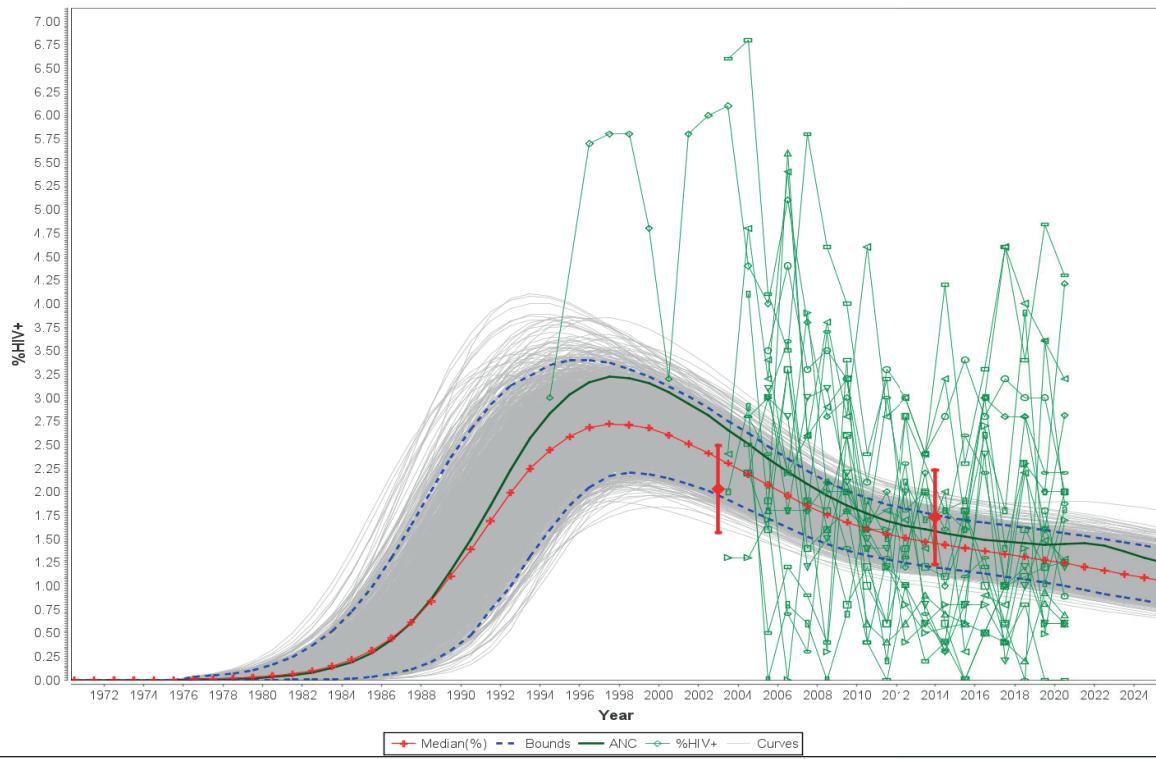


Figure 2: National Rural HIV Prevalence Curves

The graphs displayed in figure 1 and 2 show the following features distinguished by colour:

- Surveillance data (Green)
- Unique Curves (Light grey)
- Bounds within which 95% of all curves fall (Blue dashed lines)
- Bayesian Median (Red with +)
- Population Based Surveys (Red diamonds with 95% Confidence Interval)
- PMTCT Routine Data (Pink diamonds)

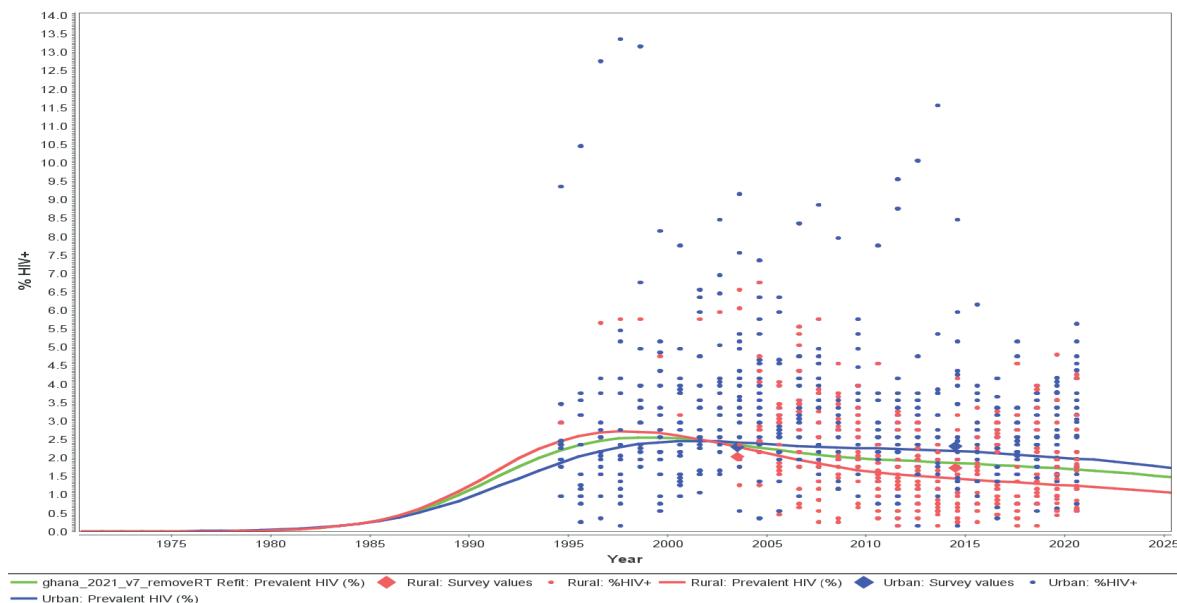


Figure 3: Population Living with HIV in Total (Urban and Rural Areas)

Table 3: Population and Demographic Parameters Used for Projection

Parameter	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Life Expectancy Male	62.6	63.0	63.4	63.7	63.7	63.7	63.8	64.0	64.1	64.3	64.5
Female	64.8	65.2	65.6	65.9	66.0	66.1	66.2	66.4	66.6	66.8	67.0
Total Fertility Rate	4.1	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.6
Sex Ratio at Birth	101	101	101	101	101	101	101	101	101	101	101

Table 4: Programme Indicators

Programme Indicator	2015	2016	2017	2018	2019	2020
No. of children born to HIV+ mothers on Co-trimoxazole	1,559	1,580	1,830	1,487	1,543	684
Number of children receiving ART	3,664	4,356	5,047	5,878	6,631	9,544
No. of HIV positive Pregnant women receiving Triple Prophylaxis from 14 weeks	3,677	0	0	0	0	0
No. of Adult receiving ART services (cumulative)	78,323	87,980	97,636	107,293	147,270	199,267
Option B+: ART started before current pregnancy	1,163	1,936	3,170	4,544	4,674	4,002
Option B+: ART started during current pregnancy >4weeks before delivery	2,973	7,744	7,398	6,816	7,011	8,666
Number of HIV+ knowing their status (<i>Shiny 90</i>)	Children (0-14)	3,664	4,356	5,047	5,878	6,631
	Adults (15+)	150,942	159,735	168,933	179,621	193,367
Number of people tested for viral suppression among those on treatment	Children (0-14)				2,727	4,651
	Adults (15+)				51,811	88,362
People tested who are virally suppressed	Children (0-14)				1,811	3,176
	Adults (15+)				34,415	60,350
						65,636

3.1.3 Estimating 90-90-90 and Treatment Cascade Targets

To facilitate the effort of counties at evaluating their performance on the global 90-90-90 targets, a new tool, Shiny 90, has been integrated into Spectrum to determine a country's performance on each of the three tenets of the target. The model assumes HIV testing uptake as a function of HIV status, testing history, HIV awareness status and antiretroviral treatment status. The Model accepts data on Population, ART Coverage, HIV Incidence, HIV prevalence (from SPECTRUM), Ever tested among positives and ever tested among all (from Surveys) and HIV

Test and Number positive (from program data) as inputs to generate the 90-90-90 results. The output from the Shiny 90 is inputted into SPECTRUM to generate the treatment cascade and 90-90-90 status for people who know her status, ART and viral load data disaggregated by adults and children.

3.2 Sub-National Estimates – Naomi

Naomi is a small-area estimation model for estimating HIV prevalence and PLHIV, ART coverage, and new HIV infections at district level by sex and five-year age group. It is a novel model introduced as a superior alternative to District Estimation tool which was previously

used. The Naomi model combines district-level data about multiple outcomes from several sources in a Bayesian statistical model to produce robust indicators of subnational HIV burden.

3.2.1 Sources of Data

The following are the required input files used in the Naomi model:

A. National and Subnational Geographical Data

The national and subnational geographical areas which represent the boundaries of Ghana's 16 regions and 260 districts are available as a GeoJSON file and inputted into the Naomi application

B. Population data

Ghana's population (from 2010 - 2020) disaggregated by five-year age groups, sex and district.

C. Survey data

HIV prevalence data from 2003 and 2014 Demographic health survey, disaggregated by sex, age and district were inputted into the model

D. Programme data

This comprised data from ANC and ART from 2018 - 2020 by age group and district. Components of the ANC data are the HIV prevalence, ART coverage among pregnant women, whereas the ART data comprised number receiving treatment by sex.

E. Spectrum AIM file

The finalized Spectrum file containing the national HIV statistics

3.2.2 Generating the Sub-National Estimates and Projections

Naomi is a statistical model that produces estimates at three time points: the year of the most recent population-based survey, the current period at which the most recent ART and ANC programme data are available, and short-term one-year ahead projections for HIV programme planning purposes. In generating the sub-national estimates, the following options were set in to produce the model to produce the results:

- ▶ Population calibration: national
- ▶ PLHIV calibration level: national
- ▶ PLHIV calibration strata: Sex and 5-year age group
- ▶ Status known calibration level: national
- ▶ Status known calibration strata: Sex and 5-year age group
- ▶ ART number calibration level: national
- ▶ ART number calibration strata: Sex and 5-year age group
- ▶ New infections calibration level: national
- ▶ New infections calibration strata: Sex and 5-year age group
- ▶ Calibration method: Logistic

In generating the HIV prevalence, the model is calibrated to survey data about HIV prevalence by subnational level, sex, and five-year age group from the most recent population-based survey, Antiretroviral therapy coverage by district, age, and sex is estimated from household survey data about the presence of antiretroviral biomarkers in HIV-positive survey respondents. Routinely reported antiretroviral therapy coverage among pregnant women prior to first antenatal care visit is used as a covariate for the spatial pattern of antiretroviral therapy coverage. The antiretroviral therapy coverage and HIV

prevalence are also calibrated so that total number on antiretroviral therapy matches that report in the Spectrum national file.

The 2020 Sub National Estimates covers all the 16 Regions and 260 Districts in Ghana for all age groups and key indicators (PLHIV population, HIV Prevalence, New Infections, Number on ART and ART Coverage). It should however be noted that, NACP until 2020 did not collect data for ANC known positive clients and ANC clients already on ART hence years 2018 and 2019 had no data for the 260 districts consequently, the team agreed to use a proportion approach to estimate the values. The same challenge occurred in the ART data which was resolved by presenting the full 260 districts in the ART template for years 2018 and 2019 and then populating the template

with data for districts with ART sites. Finally, the Team agreed to use the mothers on ART data to replace the remaining districts with no ART sites.

3.3 Limitations of the Methods (Estimates & Projections)

- ▶ ANC known positive clients before current pregnancy and ANC clients already on ART before current pregnancy Data were not available for 2018 and 2019 so approximation and proportion method was used.
- ▶ Naomi can provide current estimates and project for only one year ahead so that one has to repeat the process for as many years as needed. This repetition delayed the generation process.

4.0 RESULTS

4.1 National Estimates Results

The estimated adult national HIV prevalence is 1.68% (C.I: 1.44% -1.95%), with the number of people living with HIV and AIDS estimated at 346,120. This is made up of 317,410 (91.71%) adults and 28,710 (8.29%) children. The HIV adult (15-49) incidence rate in 2020 is estimated at 0.09%; there were 18,928 estimated new infections (80.54% adults, 19.46% children) and 12,758 AIDS deaths. Annual AIDS death amongst children 0-14 years is estimated to be 2,961.

A total number of 3,683 new child infections were estimated to have occurred among children 0-14 years. The 15-24-year group accounted for 5,211 of the new infections. The number of AIDS orphans is estimated at 240,814. Total need for Antiretroviral, Therapy (ART) by December 31 2020 is estimated to be 317,410 with 199,267 receiving ART thereby resulting in an unmet need of 118,143. At the same period, the number of mothers needing

and receiving PMTCT services stood at 17,694 and 12,668 respectively thus leaving an unmet need of 5,026. Table 5 below shows the National HIV Prevalence and Estimates, 2020.

The age groups 10-19 and 15-24 present a notable challenge in terms of the gender distribution of some key indicators. In 2020, the respective HIV population for the two age groups were 23,412 and 42,016. Respectively, the total new infections which occurred among the referenced age groups are 1,985 and 5,211 representing 10.49% and 27.53% of total new infections for all ages for the year under consideration. In terms of gender distribution, approximately ninety-two percent (91.84%) of the new infections recorded in the 10-19 age bracket occurred among females with the same gender accounting for 83.44% of new infections among the 15-24 age bracket. There is the need to unearth the underlying factors fuelling the skewness and focus programmatic attention to address them. Refer to Tables 14 and 15 (Appendix) for further details.

Table 5: National HIV Prevalence and Estimates, 2020

2020	Lower (2.50%)	Median (50%)	Upper (97.50%)
HIV Adults + Children (All Ages)	299,039	346,120	405,131
HIV Population – Adults 15+	275,176	317,410	373,373
HIV Population – Children (0 -14)	22,655	28,710	34,933
HIV prevalence- Adults (15-49)	1.44	1.68	1.95
Number of new HIV infections (All Ages)	13,982	18,928	25,443
New HIV infections- Adults (15+)	11,027	15,245	20,999
New HIV infections- Children (0-14)	2,382	3,683	5,068
HIV incidence- Adults + Children (All Ages)	0.47	0.63	0.85
HIV incidence- Adults (15-49)	0.07	0.09	0.13
Total AIDS deaths (All Ages)	9,991	12,758	16,804
Annual AIDS deaths- Adults (15+)	7,558	9,796	12,961
Annual AIDS deaths- Children (0-14)	2,163	2,962	3,862
ART coverage of all HIV+ Adults (15+)	50.65	62.78	74.33

ART coverage of all HIV+ children (0-14)	25	33	44
Need for ART- Adults 15+ (Dec 31)	275,176	317,410	373,373
Need for ART- Children (0-14) (Dec 31)	22,510	28,324	34,355
PMTCT Coverage	49.82	71.59	97.82
Mothers needing PMTCT	12,313	17,694	24,177
Mothers receiving PMTCT	N/A	12,668	N/A
AIDS orphans	207,536	240,814	273,744

4.2 Outlook for 2021

The projected adult national HIV prevalence for 2021 is 1.65% (C.I: 1.41% – 1.93%), with 349,362 number of people living with HIV and AIDS comprising 322,552 adults (15+ years) and 26,810 children (0-14 years). The HIV adult incidence rate(15-49yrs) in 2021 is estimated at 0.08%. There will be an estimated 15,323 new infections and 9,886 AIDS deaths in 2021 with annual AIDS deaths amongst children 0-14 years projected to be 2,680. Table 6 below projections for shows key indicators in 2021.

Table 6: National HIV Prevalence Estimates, Outlook for 2021

2020	Lower (2.50%)	Median (50%)	Upper (97.50%)
HIV Adults + Children (All Ages)	301,104	349,362	412,667
HIV Population – Adults 15+	278,310	322,552	381,024
HIV Population – Children (0 -14)	21,081	26,810	32,614
HIV prevalence- Adults (15-49)	1.41	1.65	1.93
Number of new HIV infections (All Ages)	10,952	15,323	20,705
New HIV infections- Adults (15+)	8,734	12,571	17,641
New HIV infections- Children (0-14)	2,206	2,752	3,378
HIV incidence- Adults + Children (All Ages)	0.36	0.5	0.68
HIV incidence- Adults (15-49)	0.05	0.08	0.10
Total AIDS deaths (All Ages)	7,431	9,886	13,454
Annual AIDS deaths- Adults (15+)	5,321	7,206	10,115
Annual AIDS deaths- Children (0-14)	2,054	2,680	3,433
ART coverage of all HIV+ Adults (15+)	58.18	72.41	85.46
ART coverage of all HIV+ children (0-14)	11,277	13,392	15,531
Need for ART- Adults 15+ (Dec 31)	278,310	322,552	381,024
Need for ART- Children (0-14) (Dec 31)	21,246	26,783	32,502
PMTCT Coverage	60.01	81	105
Mothers needing PMTCT	13,385	18,065	23,418
Mothers receiving PMTCT	N/A	14,633	N/A
AIDS orphans	199,733	233,493	268,675

4.3 Trends and Projections from 2015 – 2025

4.3.1 HIV Population

As presented in figure 4 below, the number of people living with HIV is estimated to increase from 328,245 in 2015 to 357,696 in 2025. This increase of 9% over the period is expected due to increased survival resulting from widespread use of ART over the last two decades.

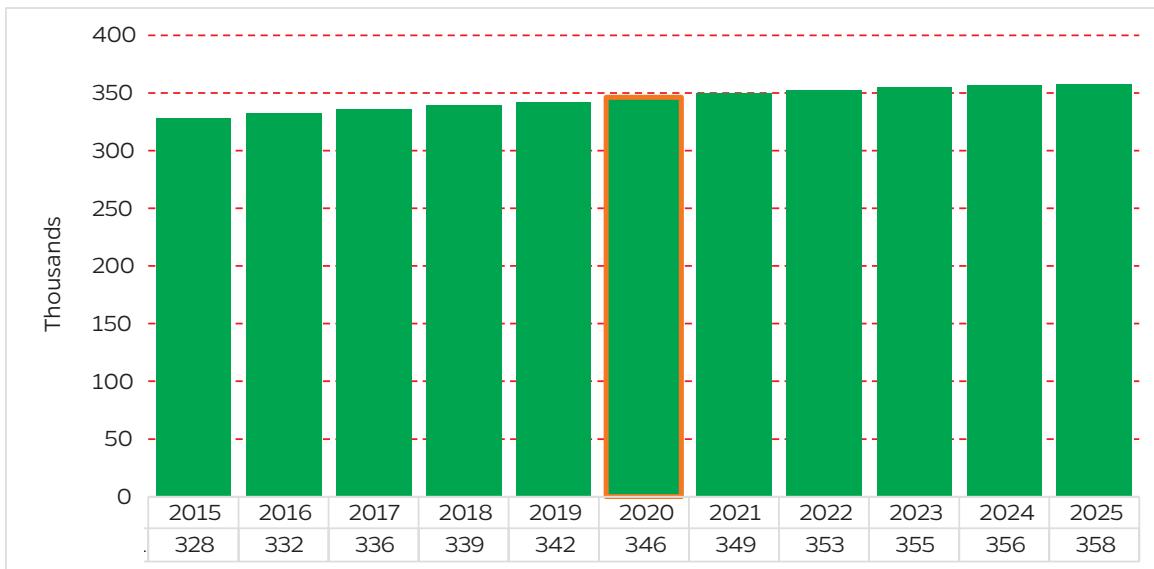


Figure 4: Total HIV Population (Total 0-80+)

4.3.2 HIV Prevalence

As shown in Figure 5 below, HIV prevalence is projected to drop gradually from 1.83% in 2015 to 1.46% in 2025. The prevalence for 2020 is 1.68.

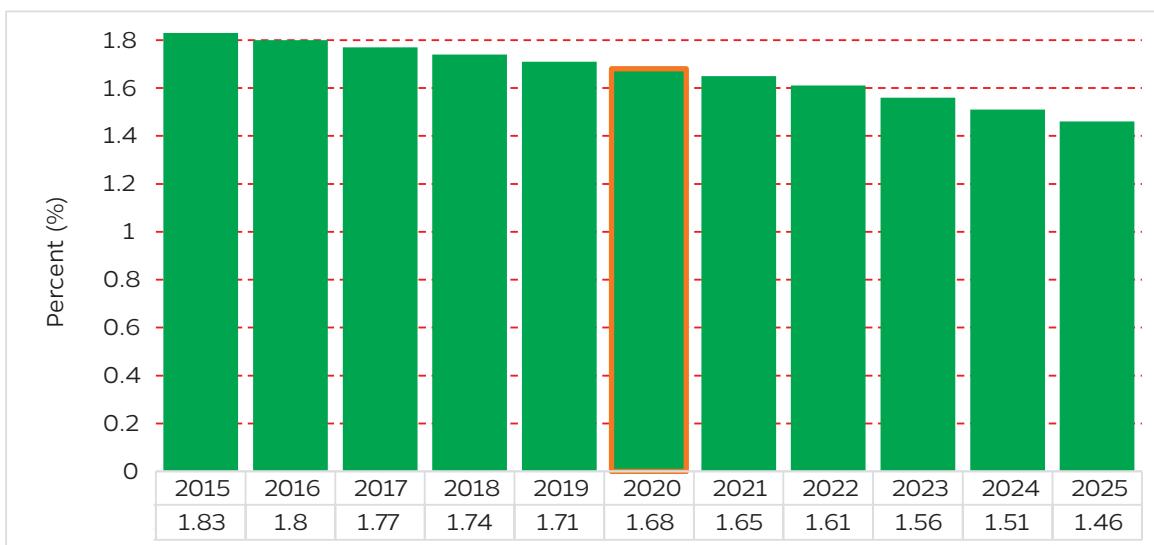


Figure 5: Adult HIV Prevalence (15-49)

4.3.3 New HIV Infections (All)

This section provides information on new HIV infections. Overall, the estimated New HIV infections declined consistently from 22,511 in 2015 to 9,020 2025 as shown in Figures 6

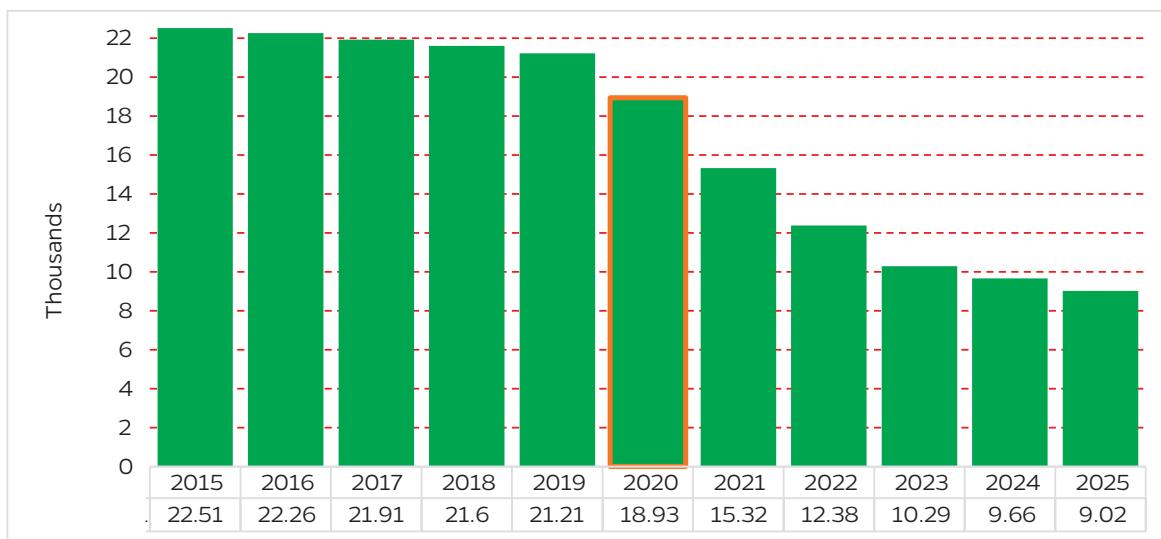


Figure 6. Number of New Infections (All)

4.3.4 Adult Incidence (15-49 years)

As presented in figure 7 below, the adult (15-49 years) incidence is estimated to remain constant at 0.12 from 2015 to 2017 before declining gradually to 0.04 in 2025.

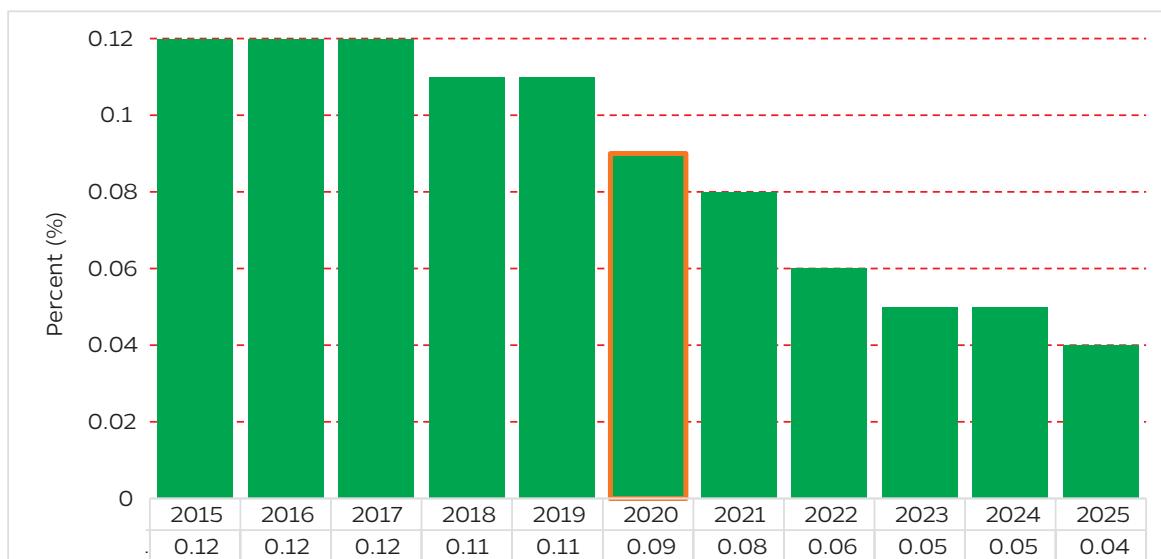


Figure 7: Adult Incidence (15-49 years)

4.3.5 AIDS Deaths

Cumulative AIDS deaths for 2015 and 2025 are 445,229 and 556,717 respectively. Annual deaths are projected to decline from 16,477 in 2015 to 5,282 2025 (67.94% decline). Annual AIDS Deaths for 2020 stood at 12,758. See figures 8 and 9.

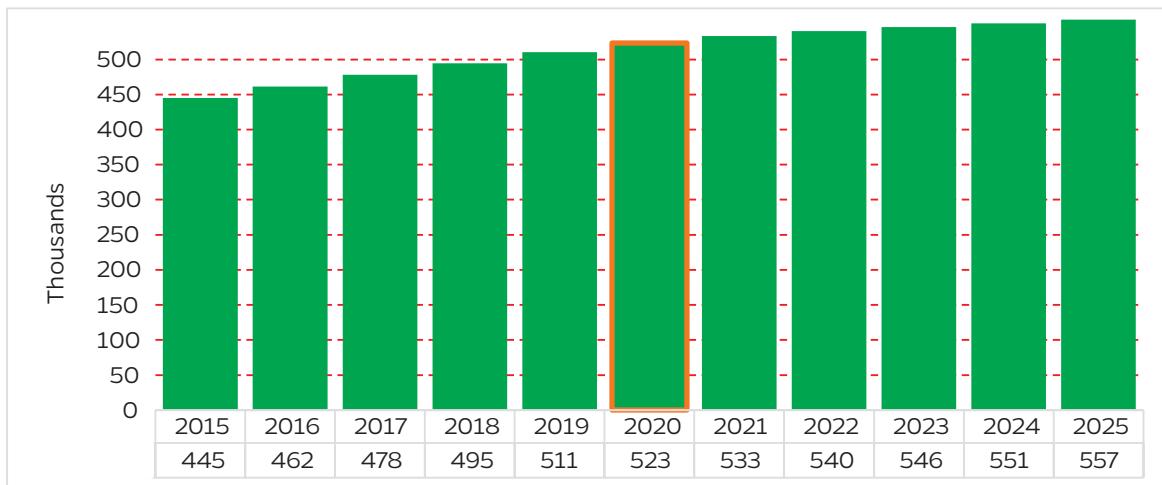


Figure 8: Cumulative AIDS Deaths

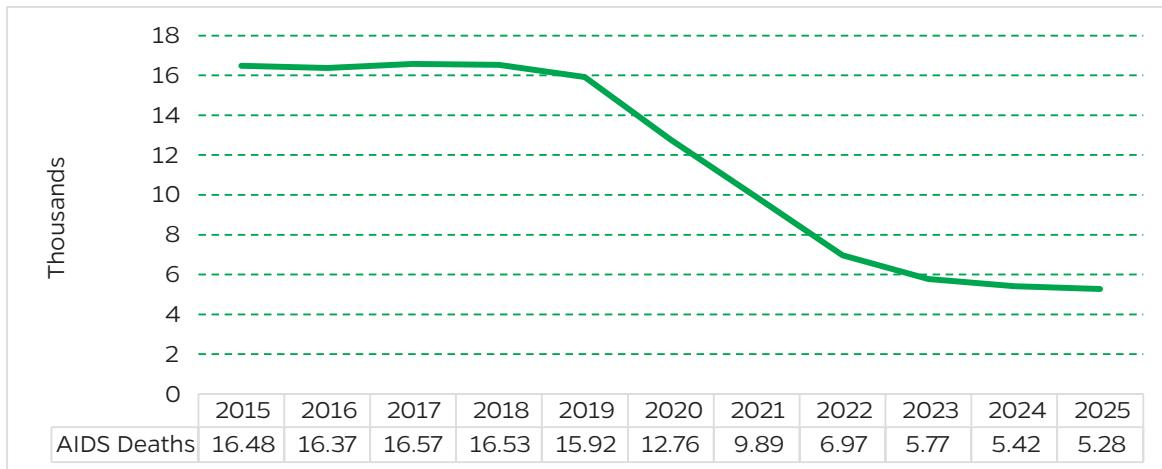


Figure 9: Annual AIDS Deaths (All Ages)

4.3.6 HIV Population, New Infection and Deaths

As graphically presented below, the HIV population is estimated to increase steadily from 2015 to 2025 due to high rate of survival thanks to ART, whereas both new HIV infections and annual AIDS deaths remained relatively constant from 2015 to 2019 before starting to decline which is expected to continue to 2015 and beyond.

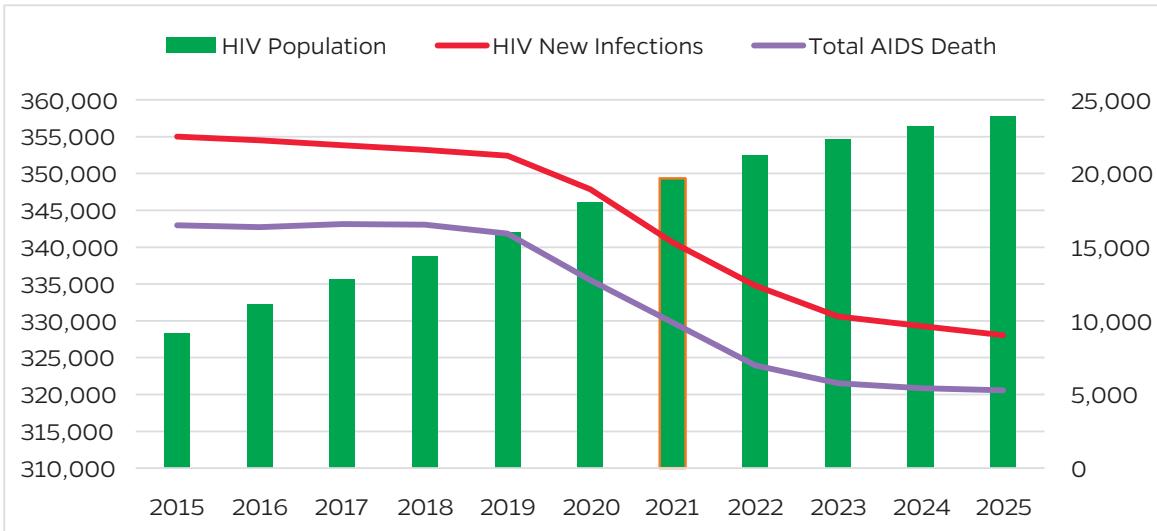


Figure 10. HIV Population, New Infection and Deaths

4.3.7 ART Coverage

Ghana adopted the “Treat-All” policy, in 2016 which makes every PLHIV eligible for treatment, and this is expected to increase PLHIV on ART. ART coverage of adults 15+ in 2020 is 62.78% and this is expected to hit 95% in 2025. See figures 11 to 13 for further details.

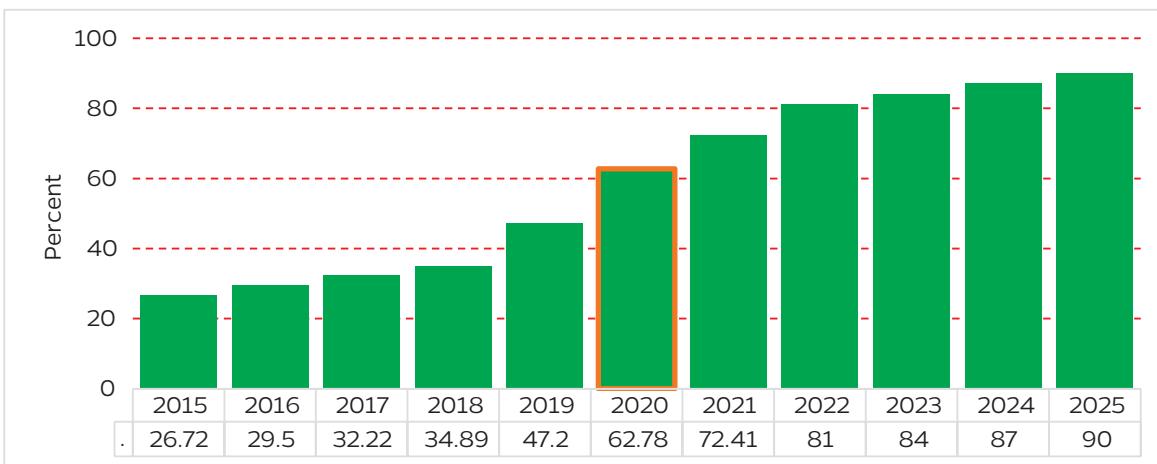


Figure 11. ART Coverage of all HIV+ Adults (15 years and above)

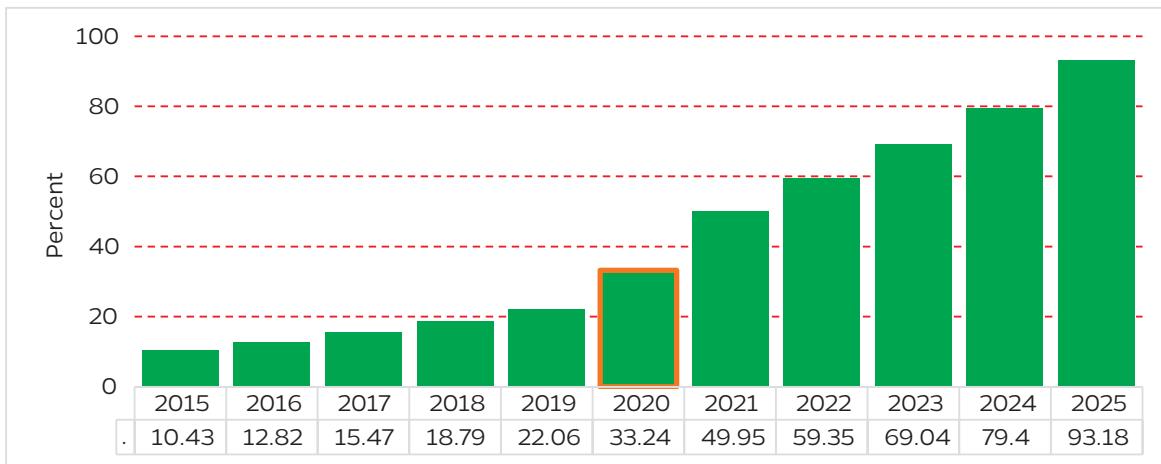


Figure 12. ART Coverage of All HIV+ Children (0-14)

4.3.8 Adults Needing and Receiving ART

As shown in figure 13, the gap between the number of adults needing ART and those receiving the service is expected to shrink considerably from 2015 to 2025. Adults needing and receiving ART is expected to rise from 233,047 to 78,323 respectively in 2025 to 350,112 and 315,101 in 2025.

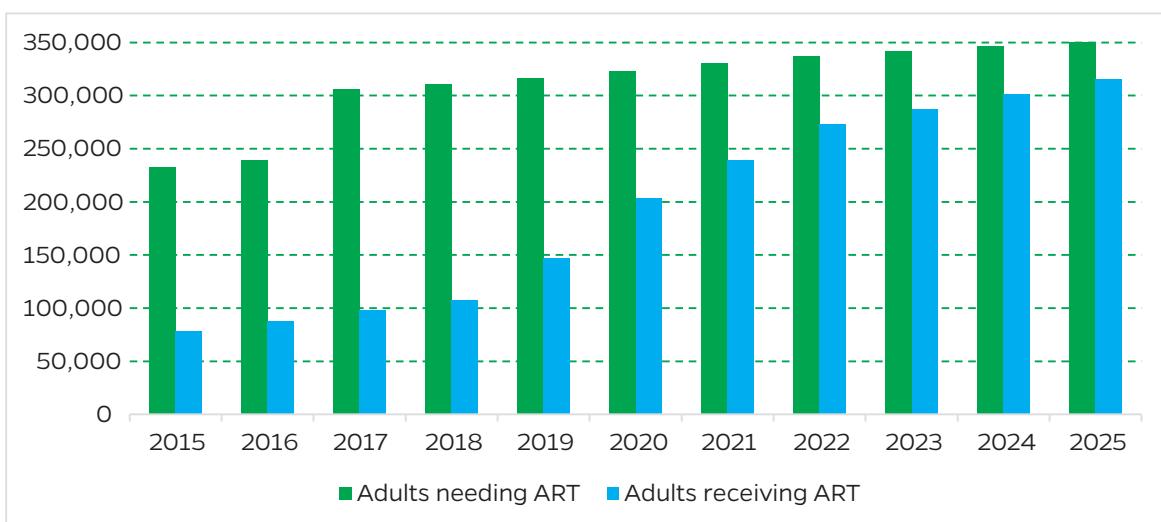


Figure 13. Adults 15+ Needing and Receiving ART

As the country continue to pursue robust treatment programmes, it is expected that more and more deaths will be averted due to ART with a peak at 2023 where over 15,405 deaths are expected to be averted due to ART. Further details are contained in the figure below.

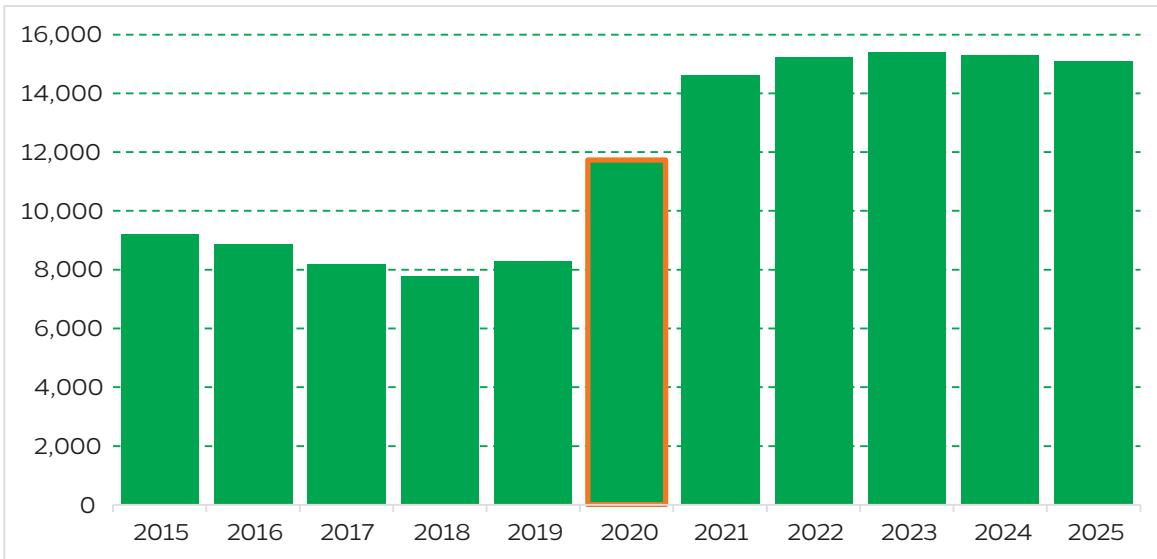


Figure 14: Deaths Averted by ART (ALL)

4.3.9 Prevention of Mother-to-Child Transmission of HIV

The unmet need for PMTCT is projected to reduce gradually reaching an estimated 100% coverage from 2023 onward. This is because most mothers are projected to receive PMTCT services as displayed in figure 15.

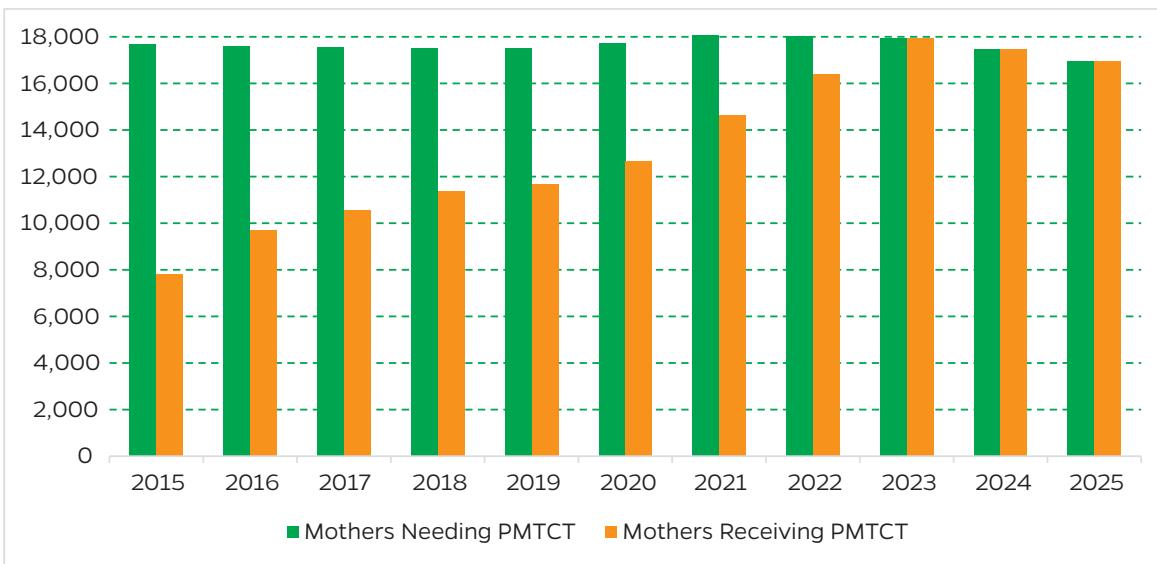


Figure 15. Mothers Needing and Receiving PMTCT

Currently standing at 72%, the PMTCT coverage is expected to continue rising to 100% in 2023 and continue into the future. This is presented in figure 16.

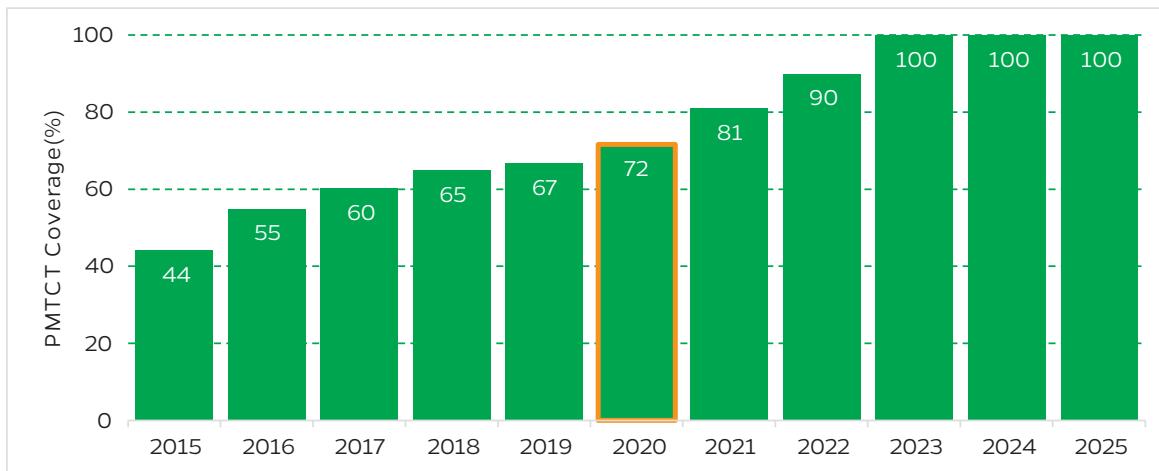


Figure 16. PMTCT Coverage

4.3.10 90-90-90 Targets

This section presents the progress made towards achieving the global 90-90-90 targets. In 2020, out of a population of 346,120, 218,741 (63.20%) knew their status; 208,811 (60.33%) were on ART and 152,365 (44.02%) were virally suppressed (epidemic control 90-81-73) as detailed in the table and figure below.

Table 7: Treatment cascade; All age groups – 2020

Treatment Cascade	Total Number	%PLHIV 90-81-73	%Eligible 90-90-90
PLHIV	346,120	100.00	100.00
Know status	218,741	63.20	63.20
On ART	208,811	60.33	95.46
Virally suppressed	152,365	44.02	72.97

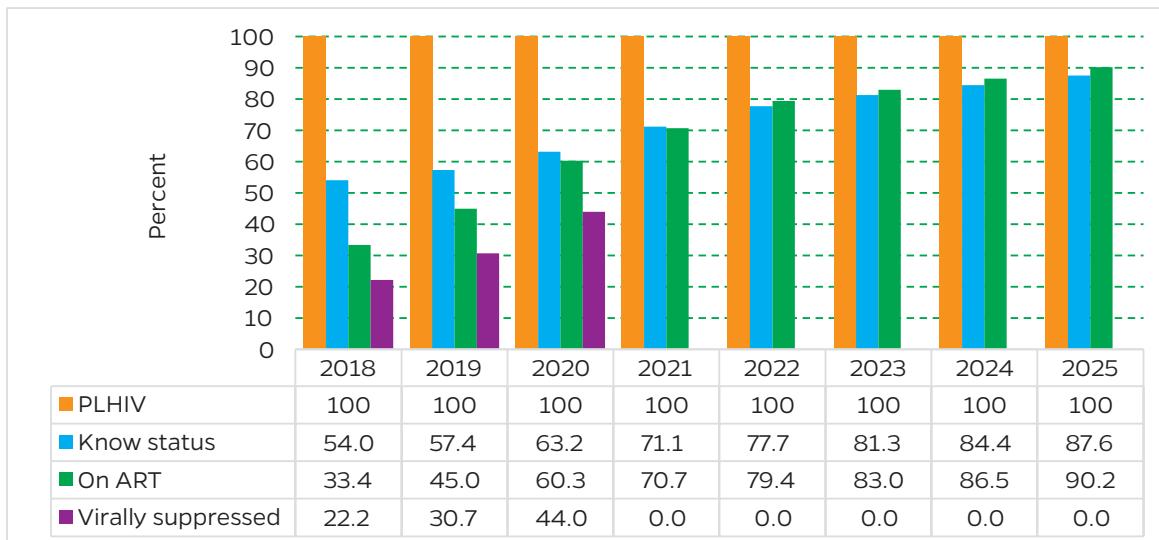


Figure 17. Treatment cascade; All age groups % PLHIV (90-81-73)

Towards achieving the 90-90-90 targets, in 2020 out of a PLHIV population of 346,120, 63.20% know their status; of the 63.20% who knew their status, 95.46% were on treatment; and of the 95.46% who were on treatment, 72.97% were virally suppressed as shown in the figure below.

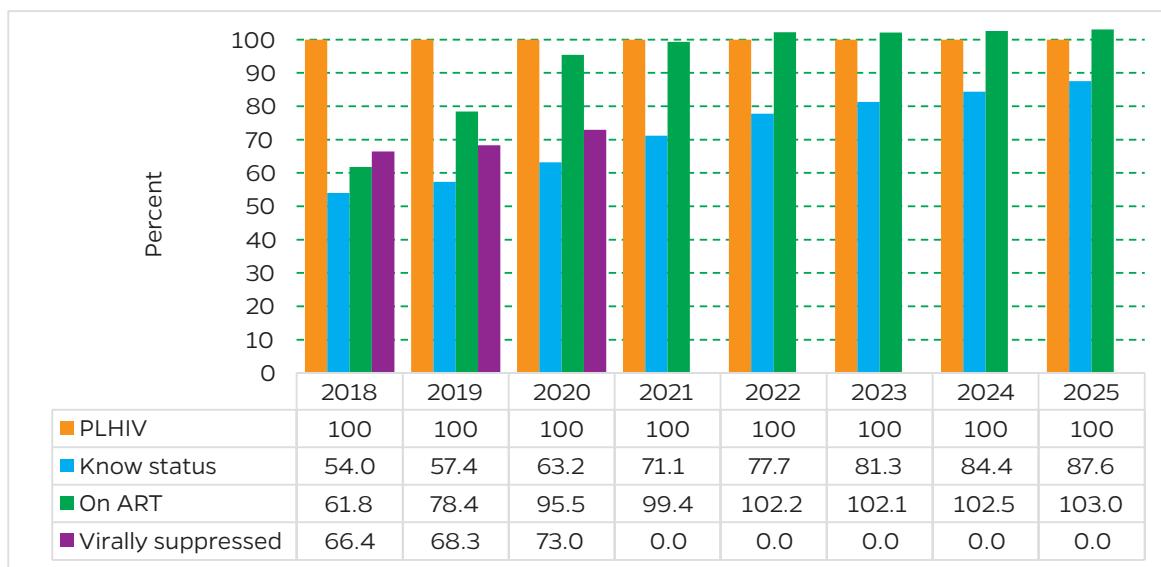


Figure 18. Treatment cascade; All age groups % Eligible (90-90-90)

4.4 Sub-National Estimates Results

This section provides information on the 2020 sub-national estimates for all 16 regions and 260 districts in Ghana with projections made for 2021 and 2022.

4.4.1 Regional HIV Population, Prevalence and ART Coverage

A cross-sectional view of the Regional estimates results shows that for 2020, Ashanti Region recorded the highest number of HIV population (73,245), and new infections (3,590) with Bono East leading in ART coverage (68%). Bono Region had the highest HIV prevalence of 2.50%, with the lowest prevalence occurring in Northern Region and North East with 0.6% apiece. Eight Regions (Ahafo, Ashanti, Bono, Bono East, Eastern, Greater Accra, Western, and Western North) exceeded the national prevalence for 2020 while the rest fell below same with the lowest number of new infections occurring in North East (70). Figure 19 to 21 present a graphical view of the Regional HIV population, prevalence and ART

coverage. Detailed Regional statistics have been provided at the Appendix.

Table 8 Proportion of HIV Population by Regions

Region	HIV Population	Percent of Total (%)
Ahafo	8,405	2.42
Ashanti	73,245	21.07
Bono	19,173	5.52
Bono East	14,273	4.11
Central	24,881	7.16
Eastern	47,866	13.77
Greater Accra	70,855	20.38
North East	2,122	0.61
Northern	6,941	2.00
Oti	5,877	1.69
Savannah	3,135	0.90
Upper East	7,953	2.29
Upper West	5,725	1.65
Volta	20,949	6.03
Western	25,620	7.37
Western North	10,619	3.05

4.4.1 Regional HIV Population, Prevalence and ART Coverage

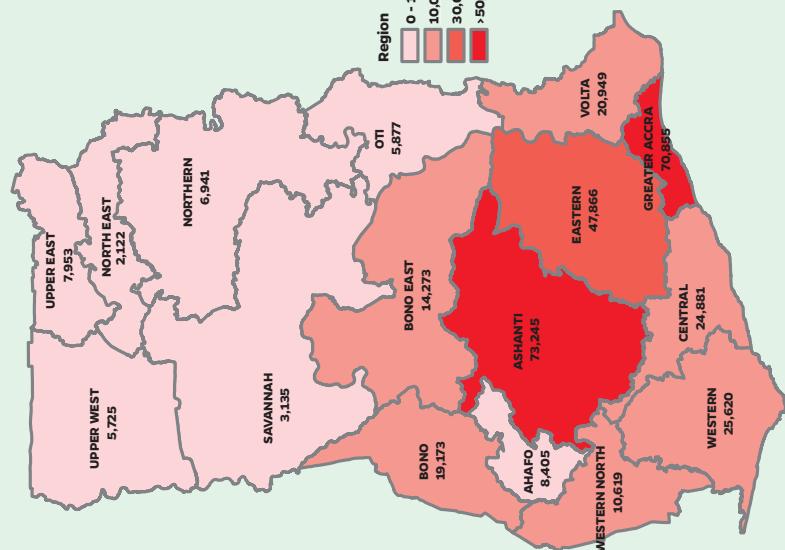


Figure 19: Map Showing Regional HIV Population (All Ages)

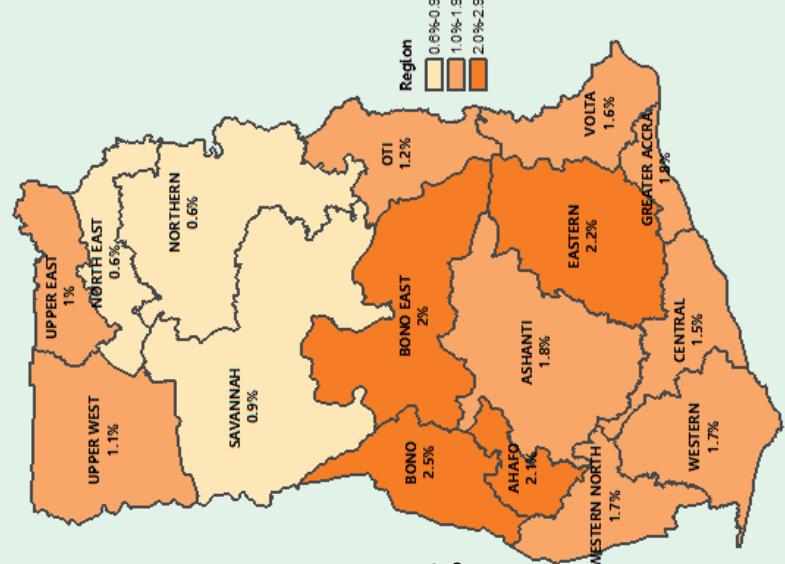


Figure 20: Map Showing Regional Adult HIV Prevalence (15-49)

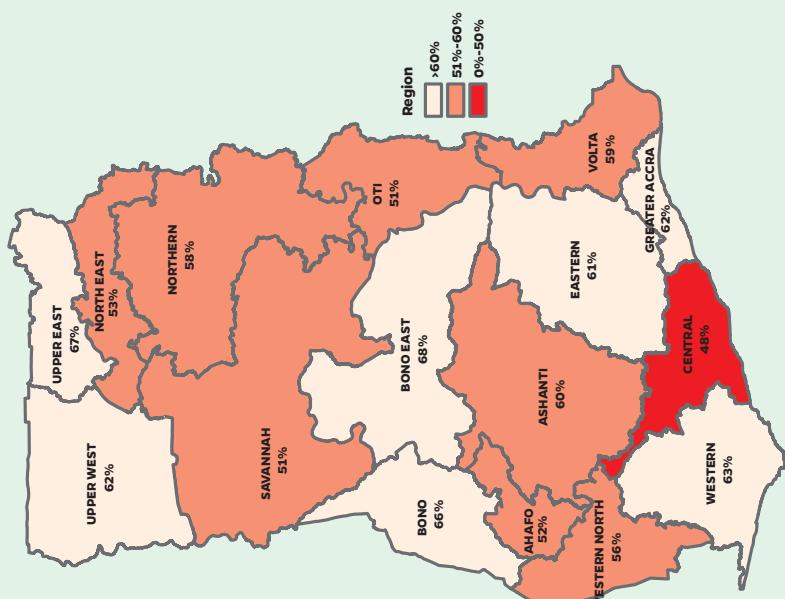


Figure 21: Map Showing Regional ART Coverage (All Ages)

4.4.2 District Level Estimates

At the District level, Kumasi Metropolis in the Ashanti Region recorded the highest number of HIV population and new infections with 13,165 and 588 respectively. The remaining Districts that made the top ten in HIV population are Accra Metro (9,553), Kwadao (6,360), Sekondi-Takoradi (6,193), Tema (4,727), Lower-Manya Krobo (4,695), Okai Koi North (4,287), Oforikrom (4,146), Techiman Municipal (3,867), La-Dade-Kotopon (3,618). Lower Manya Krobo recorded the highest prevalence of 3.3%. In all, only two Districts had 90% or more in ART coverage: Lower-Manya Krobo (91%), Techiman Municipal (91%) while 94 Districts recorded ART coverage below 50% with 14 of them falling below 10%. A graphical view of the District HIV population, prevalence and ART coverage are presented in figure 22 to 24 below. Detailed district statistics have been provided at the Appendix.

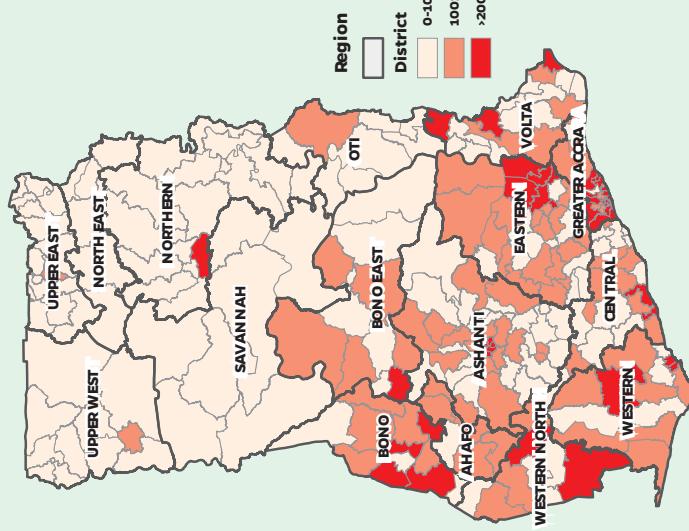


Figure 22: Map Showing District HIV Population (All Ages)

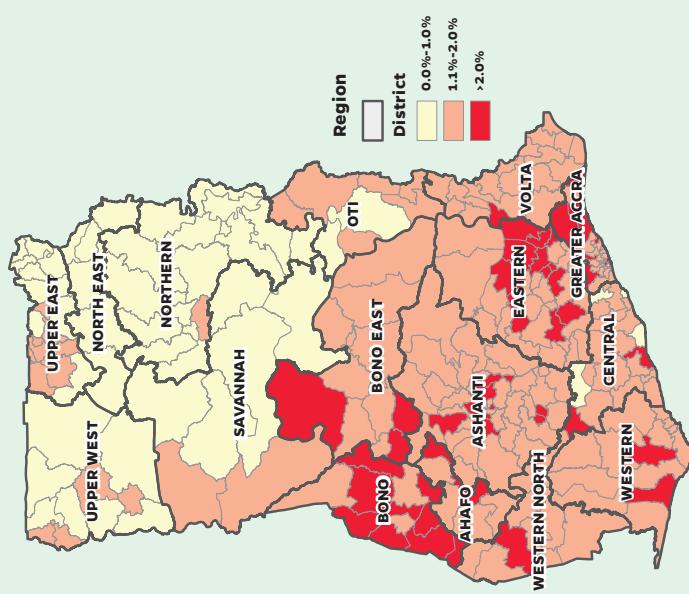


Figure 23: Map Showing District Adult HIV Prevalence (15-49)

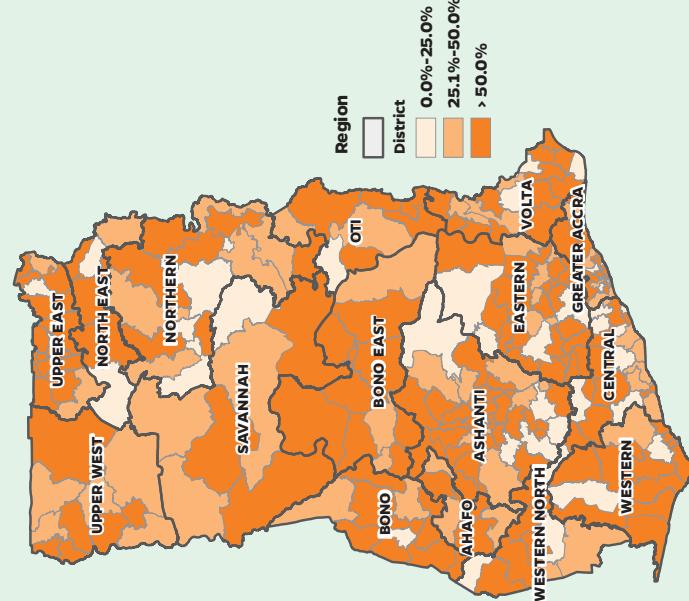


Figure 24: Map Showing District ART Coverage (All Ages)

5.0 CONCLUSION

The 2020 - 2025 estimates result project HIV prevalence to reduce from 1.68% to 1.45% by 2025. In addition, new infections and AIDS-related deaths are projected to decrease within the same period due to increased uptake of ART services. This reduction in new infection and AIDS deaths is expected to lead the country to achieve epidemic control. Bono Region had the highest HIV prevalence for 15-49-year age group with 2.46%. Northern Region recorded the least prevalence of 0.56 %. Eight Regions (Ahafo, Ashanti, Bono, Bono East, Eastern, Greater Accra, Western, and Western North) exceeded the national prevalence for this year group and the rest below the national prevalence except Volta Region which equalled the national prevalence. Bono East recorded the highest ARV coverage with 68.86%. The 2020 National and Sub-National Estimates will provide relevant data for epidemiologist, researchers, Policy makers and other key stakeholders to accelerate efforts towards achieving 90-90-90 target and HIV epidemic control by 2030.

6.0 APPENDICES

6.1 Summary of HIV Statistics

Table 9: Summary of HIV Population

Indicators	2019	2020	2021	2022	2023	2024	2025
HIV population (Total)	342,054	346,120	349,362	352,498	354,661	356,465	357,696
Male	116,948	116,364	115,994	116,124	116,117	116,049	115,803
Female	225,106	229,755	233,367	236,373	238,544	240,416	241,893
Prevalence (15-49)	1.71	1.68	1.65	1.61	1.56	1.51	1.46
New HIV infections (Total)	21,206	18,928	15,323	12,383	10,290	9,659	9,020
Male	7,328	6,485	5,214	4,202	3,448	3,243	3,034
Female	13,878	12,443	10,109	8,181	6,842	6,415	5,986
Annual AIDS deaths (Total)	15,922	12,758	9,886	6,974	5,768	5,423	5,282
Male	7,589	6,189	4,679	3,142	2,492	2,318	2,256
Female	8,334	6,569	5,207	3,833	3,276	3,105	3,026

Table 10: Trends in Projected HIV Incidence, AIDS Mortality

	Age Group	2019	2020	2021	2022	2023	2024	2025
New HIV Infections	0-14	3,983	3,683	2,752	2,143	1,543	1,471	1,387
	15-24	5,892	5,211	4,277	3,469	2,951	2,752	2,558
	15-49	16,092	14,238	11,723	9,535	8,135	7,605	7,082
	15+	17,223	15,245	12,571	10,240	8,747	8,188	7,633
	0-80+	21,206	18,928	15,323	12,383	10,290	9,659	9,020
HIV Incidence	15-24	0.1	0.09	0.07	0.06	0.05	0.04	0.04
	15-49	0.10	0.09	0.07	0.06	0.05	0.04	0.04
	15+	0.10	0.08	0.07	0.05	0.04	0.04	0.04
	0-80+	0.72	0.63	0.50	0.40	0.32	0.30	0.27
Annual AIDS deaths	0-14	3,094	2,961	2,680	1,760	1,571	1,513	1,449
	15-24	1,116	923	789	627	529	491	469
	15-49	10,047	7,655	5,579	4,002	3,165	2,888	2,770
	15+	12,828	9,796	7,206	5,214	4,197	3,910	3,833
	0-80+	15,922	12,758	9,886	6,974	5,768	5,423	5,282

Table 11: Trends in Projected ART Needs

	2019	2020	2021	2022	2023	2024	2025
Children needing Co-trimoxazole 0-14 (Dec 31)	1,543	684	1,362	1,298	1,234	1,158	1,120
Children needing ART 0-14 (Dec 31)	29,798	28,324	26,783	25,165	23,406	21,787	21,025
Adults needing ART 15+ (Dec 31)	311,996	317,410	322,552	327,055	330,930	334,515	337,389
Mothers needing PMTCT	17,489	17,694	18,065	18,198	17,933	17,472	16,944

Table 12: Children under 1-year Summary

	2019	2020	2021	2022	2023	2024	2025
HIV population (Total)	2,472	2,218	1,594	1,365	988	939	852
Male	1,242	1,115	801	686	496	472	428
Female	1,230	1,103	793	679	492	467	424
New HIV infections (total)	3,457	3,170	2,432	1,895	1,375	1,307	1,229
Male	1,737	1,593	1,222	952	691	657	618
Female	1,720	1,577	1,210	943	684	650	612
Annual AIDS deaths (total)	985	952	839	530	387	368	377
Male	495	478	421	266	194	185	190
Female	490	474	417	264	192	183	188

Table 13: Children 1 to 4 years Summary

	2019	2020	2021	2022	2023	2024	2025
HIV population (Total)	8,445	8,131	7,633	6,971	6,030	4,749	3,623
Male	4,232	4,075	3,825	3,494	3,022	2,380	1,816
Female	4,213	4,056	3,807	3,477	3,007	2,368	1,807
New HIV infections (Total)	526	513	320	248	168	163	158
Male	263	257	160	124	84	82	79
Female	263	256	160	124	84	82	79
Annual AIDS deaths (Total)	1,325	1,251	1,087	613	644	631	561
Male	664	627	545	307	323	316	282
Female	660	623	542	306	321	314	280

Table 14: Children 0 to 14 years Summary

	2019	2020	2021	2022	2023	2024	2025
HIV population (Total)	30,058	28,710	26,810	25,443	23,730	21,950	20,307
Male	15,067	14,393	13,441	12,756	11,898	11,005	10,182
Female	14,990	14,317	13,369	12,687	11,833	10,945	10,126
New HIV infections (Total)	3,983	3,683	2,752	2,143	1,543	1,471	1,387
Male	2,000	1,850	1,382	1,076	775	739	697
Female	1,983	1,834	1,370	1,067	768	732	691
Annual AIDS deaths (Total)	3,094	2,961	2,680	1,760	1,571	1,513	1,449
Male	1,553	1,486	1,345	883	788	759	727
Female	1,542	1,475	1,335	877	783	754	722

Table 15. Adolescents 10 to 19 years Summary

	2019	2020	2021	2022	2023	2024	2025
HIV population (Total)	24,263	23,412	22,242	21,044	20,023	19,078	18,221
Male	9,513	9,202	8,868	8,580	8,369	8,121	7,853
Female	14,750	14,210	13,375	12,464	11,654	10,957	10,368
New HIV infections (Total)	2,242	1,985	1,629	1,323	1,128	1,055	982
Total	188	162	133	108	91	85	79
Female	2,054	1,823	1,497	1,216	1,037	969	903
Annual AIDS deaths (Total)	973	824	722	575	497	472	468
Male	509	427	368	291	251	239	238
Female	463	397	354	284	246	232	230

Table 16: Adults 15 - 24 years Summary

	2019	2020	2021	2022	2023	2024	2025
HIV population (Total)	42,666	42,016	40,519	38,340	35,971	33,830	31,714
Male	11,148	10,963	10,688	10,315	9,949	9,667	9,351
Female	31,518	31,054	29,831	28,025	26,022	24,163	22,363
Prevalence	0.72	0.70	0.66	0.61	0.57	0.52	0.48
New HIV infections (Total)	5,892	5,211	4,277	3,469	2,951	2,752	2,558
Male	999	863	708	573	486	452	419
Female	4,893	4,348	3,570	2,896	2,465	2,300	2,139
Incidence	0.10	0.09	0.07	0.06	0.05	0.04	0.04
HIV+ pregnant women	3,611	3,603	3,585	3,470	3,246	2,992	2,748
Annual AIDS deaths (Total)	1,116	923	789	627	529	491	469
Male	532	423	346	267	222	208	202
Female	584	500	443	361	307	283	267
Annual AIDS deaths among those on ART (Total)	194	389	625	562	473	442	432
Male	49	119	261	243	200	188	186
Female	144	269	364	319	273	254	246
Annual AIDS deaths among those not on ART (Total)	923	535	164	66	56	49	37
Male	483	304	84	24	22	20	11
Female	440	231	79	42	34	29	26

Table 17: Adults 15 to 49 years Summary

	2019	2020	2021	2022	2023	2024	2025
HIV population (Total)	262,623	264,359	264,542	263,568	261,619	259,170	255,919
Male	80,853	80,002	78,982	77,974	76,888	75,751	74,391
Female	181,771	184,358	185,560	185,594	184,731	183,419	181,528
Prevalence	1.71	1.68	1.65	1.61	1.56	1.51	1.46
New HIV infections (Total)	16,092	14,238	11,723	9,535	8,135	7,605	
Male	4,836	4,205	3,466	2,820	2,406	2,250	2,095
Female	11,256	10,033	8,257	6,715	5,729	5,356	4,987
Incidence	0.11	0.09	0.08	0.06	0.05	0.05	0.04
Annual AIDS deaths(Total)	10,047	7,655	5,579	4,002	3,165	2,888	2,770
Male	4,466	3,483	2,442	1,639	1,214	1,088	1,045
Female	5,581	4,172	3,137	2,363	1,952	1,800	1,725
Annual AIDS deaths among those on ART (Total)	1,522	2,844	4,279	3,637	2,956	2,733	2,678
Male	346	798	1,705	1,499	1,140	1,030	1,009
Female	1,176	2,046	2,574	2,138	1,816	1,703	1,669
Annual AIDS deaths among those not on ART (Total)	8,526	4,812	1,300	365	209	155	92
Male	4,120	2,685	736	140	74	58	36
Female	4,405	2,127	563	225	136	97	56
Number of AIDS deaths among pregnant women	465	346	264	200	164	148	139

Table 18: Adults 15+ years Summary

	2019	2020	2021	2022	2023	2024	2025
HIV population (Total)	311,996	317,410	322,552	327,055	330,930	334,515	337,389
Male	101,881	101,972	102,554	103,368	104,219	105,044	105,622
Female	210,116	215,438	219,998	223,687	226,711	229,471	231,768
Prevalence	1.66	1.66	1.66	1.66	1.66	1.66	1.66
New HIV infections (Total)	17,223	15,245	12,571	10,240	8,747	8,188	7,633
Male	5,327	4,636	3,832	3,125	2,673	2,505	2,337
Female	11,895	10,609	8,739	7,114	6,074	5,683	5,296
Incidence (Total)	0.1	0.08	0.07	0.05	0.04	0.04	0.04
Annual AIDS deaths (Total)	12,828	9,796	7,206	5,214	4,197	3,910	3,833
Male	6,036	4,703	3,334	2,259	1,704	1,559	1,529
Female	6,792	5,094	3,872	2,956	2,494	2,351	2,305
AIDS 45q15	0.0377	0.0377	0.0377	0.0377	0.0377	0.0377	0.0377
Annual AIDS deaths among those on ART (Total)	2,035	3,743	5,612	4,795	3,966	3,741	3,735
Male	540	1,164	2,383	2,089	1,620	1,494	1,489
Female	1,495	2,580	3,229	2,706	2,346	2,248	2,246
Annual AIDS deaths among those not on ART (Total)	10,793	6,053	1,594	419	232	169	99
Male	5,496	3,539	951	169	84	65	39
Female	5,297	2,514	643	250	148	104	59

Table 19: AIDS Orphans Summary

	2019	2020	2021	2022	2023	2024	2025
Maternal orphans (Total)	506,362	514,036	517,193	515,958	512,558	508,470	503,687
AIDS	151,957	150,431	144,097	133,971	122,321	111,114	100,395
Non-AIDS	354,405	363,605	373,096	381,987	390,237	397,357	403,292
Paternal orphans (Total)	765,617	776,931	786,864	790,727	792,753	794,694	796,537
AIDS	146,547	146,009	142,860	133,295	121,656	110,304	99,445
Non-AIDS	619,071	630,922	644,004	657,433	671,097	684,390	697,092
Double orphans (Total)	153,101	154,967	154,707	154,133	153,021	151,078	148,613
AIDS	66,923	66,478	64,008	60,223	55,648	50,742	45,895
Non-AIDS	86,178	88,489	90,699	93,910	97,373	100,336	102,717
Total orphans	1,118,878	1,136,000	1,149,350	1,152,552	1,152,289	1,152,086	1,151,612
All AIDS orphans	242,460	240,814	233,493	216,922	197,403	178,953	161,444

Table 20: PMTCT Summary

	2019	2020	2021	2022	2023	2024	2025
Mothers needing PMTCT	17,489	17,694	18,065	18,198	17,933	17,472	16,944
Mothers receiving PMTCT	11,685	12,668	14,633	16,378	17,933	17,472	16,944
Option B+: ART started before current pregnancy	4,674	4,002	9,033	12,375	15,243	14,852	14,402
Option B+: ART started during current pregnancy > 4 weeks before delivery	7,011	8,666	5,600	4,004	2,690	2,621	2,542
PMTCT coverage	66.81	71.59	81	90	100	100	100
PMTCT coverage of more efficacious regimens	66.81	71.59	81	90	100	100	100
MTCT rate at 6 weeks	12.6	11.41	9.13	7.16	5.25	5.17	5.03
Final transmission rate including breastfeeding period	22.78	20.81	15.23	11.78	8.6	8.42	8.19
Number of HIV+ breastfeeding women at 3 months	17,369	17,572	17,941	18,072	17,810	17,352	16,827
Number of HIV+ breastfeeding women at 12 months	16,797	16,994	17,350	17,478	17,224	16,781	16,273
Number of new child infections due to mother-to-child transmission (Total)	3,983	3,683	2,752	2,143	1,543	1,471	1,387
Male	2,000	1,850	1,382	1,076	775	739	697
Female	1,983	1,834	1,370	1,067	768	732	691
Treatment coverage for HIV+ pregnant women	66.81	71.59	81	90	100	100	100

Table 21: Impact Summary

	2019	2020	2021	2022	2023	2024	2025
Deaths averted by ART	8,444	11,375	6,812	7,396	10,391	11,812	12,359
Infections averted by PMTCT	2,815	2,971	3,759	4,194	4,612	4,450	4,231
Life years gained by ART and PMTCT	124,508	140,470	152,252	164,792	180,418	197,610	215,412
Deaths averted by ART (0-4)	75	32	-279	717	273	12	123
Deaths averted by cotrimoxazole (0-4)	16	18	1	25	23	21	19
Deaths averted by PMTCT (0-4)	1,674	1,765	2,293	1,959	2,412	2,582	2,379

Table 22: HIV Age Distribution

	2020			2021			2022			2023			2024			2025		
	Total	Male	Female															
0-4	10,350	5,190	5,160	9,227	4,626	4,600	8,336	4,180	4,156	7,018	3,519	3,499	5,688	2,852	2,836	4,475	2,244	2,231
5-9	9,193	4,608	4,585	9,013	4,517	4,496	8,875	4,448	4,427	8,626	4,323	4,303	8,443	4,231	4,212	8,176	4,098	4,079
10-14	9,167	4,595	4,572	8,570	4,297	4,273	8,232	4,129	4,103	8,087	4,057	4,031	7,820	3,923	3,897	7,656	3,840	3,816
15-19	14,245	4,607	9,638	13,672	4,570	9,102	12,812	4,452	8,360	11,936	4,312	7,623	11,258	4,198	7,060	10,566	4,013	6,552
20-24	27,771	6,356	21,416	26,847	6,118	20,729	25,528	5,863	19,665	24,035	5,637	18,399	22,572	5,469	17,104	21,148	5,338	15,811
25-29	40,703	10,127	30,576	40,284	9,870	30,414	39,451	9,520	29,931	38,255	9,105	29,150	36,840	8,678	28,162	35,195	8,236	26,960
30-34	48,482	13,728	34,755	48,235	13,417	34,818	47,798	13,075	34,723	47,190	12,702	34,487	46,460	12,309	34,151	45,595	11,889	33,706
35-39	49,523	15,530	33,993	50,114	15,442	34,672	50,609	15,365	35,244	50,880	15,232	35,648	50,899	15,021	35,879	50,650	14,721	35,929
40-44	45,367	15,435	29,933	45,854	15,280	30,574	46,598	15,282	31,316	47,483	15,361	32,121	48,417	15,463	32,954	49,279	15,538	33,740
45-49	38,267	14,219	24,047	39,535	14,285	25,251	40,772	14,418	26,354	41,840	14,538	27,302	42,724	14,614	28,110	43,485	14,656	28,829
50-54	24,697	9,647	15,050	26,539	10,180	16,360	28,633	10,821	17,812	30,889	11,519	19,370	33,227	12,233	20,993	35,566	12,939	22,627
55-59	14,580	6,186	8,394	16,216	6,700	9,516	17,877	7,220	10,657	19,503	7,714	11,789	21,042	8,151	12,891	22,456	8,513	13,943
60-64	7,457	3,299	4,157	8,348	3,639	4,708	9,343	4,018	5,325	10,429	4,420	6,009	11,605	4,837	6,767	12,875	5,270	7,605
65-69	3,446	1,537	1,909	3,814	1,668	2,146	4,293	1,856	2,437	4,875	2,094	2,781	5,541	2,369	3,172	6,273	2,666	3,607
70-74	1,842	849	994	1,968	894	1,073	2,098	940	1,158	2,242	988	1,254	2,422	1,049	1,373	2,656	1,132	1,524
75-79	755	332	423	827	361	466	915	400	515	1,013	444	569	1,112	488	624	1,207	529	678
80+	273	120	154	298	128	170	327	139	188	360	151	209	397	165	231	439	182	257
Total	346,120	116,364	229,755	349,362	115,994	233,367	352,498	116,124	236,373	354,661	116,117	238,544	356,465	116,049	240,416	357,696	115,803	241,893

Table 23: Sub Populations Summary

Adults 15+	2020			2021			2022			2023			2024		
HIV population	Total	Urban	Rural	Total	Rural										
Total	317,410	224,867	92,543	322,552	231,142	91,410	327,055	236,577	90,478	330,930	241,246	89,684	334,515	245,510	89,004
Male	101,972	72,241	29,730	102,554	73,490	29,063	103,368	74,772	28,596	104,219	75,975	28,244	105,044	77,095	27,949
Female	215,438	152,626	62,812	219,998	157,651	62,347	223,687	161,805	61,881	226,711	165,271	61,440	229,471	168,415	61,055
Prevalence (15-49)	1.68	1.98	1.24	1.65	1.95	1.20	1.61	1.90	1.16	1.56	1.84	1.12	1.51	1.78	1.09
New HIV infections (Total)	15,245	11,933	3,311	12,571	10,357	2,214	10,240	8,169	2,070	8,747	6,790	1,957	8,188	6,237	1,951
Male	4,636	3,629	1,007	3,832	3,157	675	3,125	2,494	632	2,673	2,075	598	2,505	1,908	597
Female	10,609	8,305	2,304	8,739	7,200	1,539	7,114	5,676	1,438	6,074	4,715	1,359	5,683	4,329	1,354
Incidence (15-49)	0.09	0.12	0.05	0.08	0.10	0.03	0.06	0.08	0.03	0.05	0.06	0.03	0.05	0.03	0.03
Annual AIDS deaths (Total)	9,796	6,940	2,856	7,206	5,164	2,042	5,214	3,772	1,443	4,197	3,060	1,138	3,910	2,870	1,040
Male	4,703	3,332	1,371	3,334	2,389	945	2,259	1,634	625	1,704	1,242	462	1,559	1,144	415
Female	5,094	3,608	1,485	3,872	2,775	1,097	2,956	2,138	818	2,494	1,818	676	2,351	1,726	626
No. receiving ART (Total)	199,267	141,169	58,098	233,561	167,370	66,190	264,915	191,628	73,287	277,981	202,646	75,335	291,028	213,594	77,434
Male	49,667	35,186	14,481	70,762	50,708	20,054	83,728	60,565	23,163	87,544	63,819	23,725	91,388	67,072	24,316
Female	149,600	105,983	43,617	162,799	116,662	46,137	181,186	131,062	50,124	190,437	138,828	51,610	199,640	146,521	53,118
Need for ART (Total)	317,410	224,867	92,543	322,552	231,142	91,410	327,055	236,577	90,478	330,930	241,246	89,684	334,515	245,510	89,004

Male	101,972	72,241	29,730	102,554	73,490	29,063	103,368	74,772	28,596	104,219	75,975	28,244	105,044	77,095	27,949
Female	215,438	152,626	62,812	219,998	157,651	62,347	223,687	161,805	61,881	226,711	165,271	61,440	229,471	168,415	61,055
Population (Total)	19,233,009	11,613,015	7,619,994	19,734,716	12,032,500	7,702,217	20,247,841	12,463,455	7,784,386	20,772,291	12,905,834	7,866,457	21,308,701	13,360,034	7,948,666
Male	9,441,616	5,700,909	3,740,707	9,693,801	5,910,430	3,783,371	9,951,610	6,125,663	3,825,947	10,215,026	6,346,600	3,868,426	10,484,358	6,573,436	3,910,922
Female	9,791,392	5,912,106	3,879,287	10,040,916	6,122,070	3,918,846	10,296,230	6,337,792	3,958,438	10,557,265	6,559,234	3,998,032	10,824,343	6,786,598	4,037,745

Table 24: DHS + HIV Prevalence (2003)

	Male Prevalence	Female Prevalence	Total Prevalence	Standard Error
Rural	1.4%	2.5%	2.0%	0.2%
Urban	1.5%	2.9%	2.3%	0.3%
Total	1.5%	2.7%	2.2%	0.2%

Table 25: DHS + HIV Prevalence (2014)

	Male Prevalence	Female Prevalence	Total Prevalence	Standard Error
Rural	0.9%	2.5%	1.7%	0.2%
Urban	1.3%	3.1%	2.3%	0.3%
Total	1.1%	2.8%	2.2%	0.2%

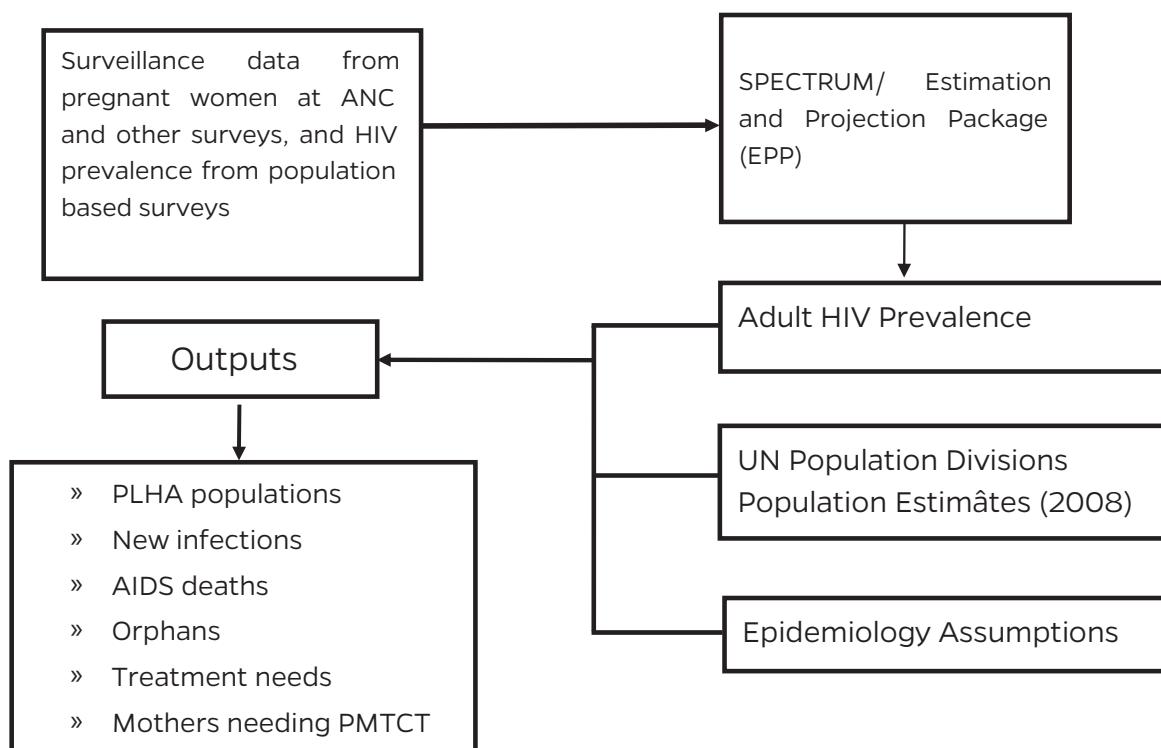


Figure 25. Overview of Estimation Process for Generalized Epidemic

Table 26: HIV Prevalence, Routine Data, Sample Size - Urban Sites

Site	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Adabraka	SS(%)	4	2.3	4	5.2	3	2.9	2	3.4	2.8	1.8	3	3.8	3.6	3.2	4.3	3	2.3	2.4	3.2	3.41	4.6
	(N)	500	426	396	498	499	488	499	498	492	499	500	500	500	422	500	388	500	500	499	500	
Agormanya	SS(%)	7.8	6.6	7	9.2	7.4	6	8.4	8.9	8	5.8	7.8	8.8	10.1	11.6	8.5	6.2	4.2	2	2	1.8	1.8
	(N)	500	472	370	498	500	500	464	497	500	417	500	499	465	328	351	500	500	500	500	500	
Assin Fosu	SS(%)	2.4	2.6	3.2	4.2	2.6	3.1	1.8	1.2	2	1.4	2.8	2.4	1	1.6	2.2	2.4	2.6	2.4	1.57	3.01	
	(N)	500	500	497	499	495	417	450	500	499	499	498	500	497	372	500	500	499	500	445	499	
Bawku	SS(%)	1.6	3.6	3.8	3.2	3.6	4.6	3.4	3.8	1.4	2.4	2.4	1	1.2	1.8	1.1	2.4	1.4	0.4	0.6	1.4	1.4
	(N)	394	500	500	498	500	500	499	500	500	500	500	500	500	465	500	500	500	500	500	500	
Bolgatanga	SS(%)	1	1.6	2.8	3	3.8	2.2	3.4	2.6	2.2	2.6	3.8	2.2	3	1.9	2.5	1.4	2.3	2.2	2.8	3.6	2.6
	(N)	500	500	498	500	500	500	499	500	499	499	500	500	478	408	500	476	461	500	500	500	
Cape Coast	SS(%)	3	3.6	2.6	7.6	4	3.2	2.6	3.4	2.8	5	2.2	9.6	2.8	1.6	2	2.6	2.4	2.5	3.4	3.4	
	(N)	500	500	497	498	499	499	499	500	500	499	500	500	500	391	389	464	483	500	500	382	
Ho	SS(%)	4.2	2.6	3.2	2	5.8	2.6	4.2	2.4	1.6	3.6	2	2.6	1.6	0.6	4.4	2.8	3	2.6	3.8	1.81	2.02
	(N)	500	500	499	498	500	499	496	495	500	500	497	500	497	458	499	498	498	499	498	495	
Hohoe	SS(%)	5	2.8	3.2	4.2	2.2	1.4	4.8	3.4	2.6	3.4	2.2	3	3.4	2.2	1.4	1	3.4	3.4	1.61	1.2	
	(N)	317	500	499	500	498	499	500	500	500	499	500	500	500	500	499	500	500	499	498	498	
Jirapa	SS(%)	1.5	1.7	1.8	1.4	2.8	3.5	1.4	2	4.5	1.4	1	0.8	0.6	1.5	0.8	1.2	1	2.4	1.4	1.6	
	(N)	500	467	494	496	499	498	433	497	492	500	500	500	335	498	500	500	500	500	500		
Koforidua	SS(%)	2.8	6.4	8.5	2.6	5.4	6.4	4.4	2.4	3.4	5.8	2.6	2.4	3	3.9	3.5	2.6	1.6	2.8	4	3.4	3.6
	(N)	300	300	300	300	300	499	498	500	500	498	500	381	425	500	500	500	500	500	500		
KorleBu	SS(%)	2.2	4.8	2.2	4.2	0.4	0.6	4.2	4	3.8	4	2.4	3.4	3.8	2.6	2.2	3.8	2.6	4.8	2.4	2.6	
	(N)	500	500	500	499	494	492	500	500	500	500	500	500	498	457	500	500	499	500	500		
Kumasi	SS(%)	3.8	3.4	4.2	5	2.4	3.4	4.8	4.6	3.6	4	4.6	1.8	1.8	3.2	2	2.8	3.4	2.6	3.81	5.2	
	(N)	450	500	496	500	499	498	500	500	498	500	499	500	500	499	500	499	500	499	500		
Maamobi	SS(%)																					
	(N)																					
Mampong	SS(%)	1.6	4.8	2.4	5.4	3.2	2.7	4	3.6	2.2	4	2	3.2	1.8	2.2	1.4	1.4	3.2	1.8	2.8	2.64	

Site	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Nalerigu SS(%)	(N) 430	500	499	499	500	481	499	500	500	500	500	500	500	432	500	499	500	499	500	500	492
Navrongo SS(%)	(N) 500	480	500	499	500	500	500	500	499	500	500	500	500	498	500	500	500	500	500	500	500
Obuasi SS(%)	(N) 381	493	499	500	500	500	500	500	500	500	500	500	500	497	312	388	362	368	367	500	500
Sunyani SS(%)	(N) 21	1.1	3.4	2	2.5	4.7	2	3	2	3.8	2.6	3.6	2	2	5.2	3.8	4.2	3	2.8	3.81	3.8
Takoradi SS(%)	(N) 425	350	500	300	367	340	357	500	351	444	500	500	500	500	500	500	500	500	500	499	500
Tamale SS(%)	(N) 500	500	490	494	499	500	500	500	500	500	500	500	500	499	500	499	500	498	500	499	499
Tema SS(%)	(N) 357	367	366	498	500	496	499	500	499	500	498	500	499	420	500	499	500	499	500	499	485
Wa SS(%)	(N) 450	500	500	500	500	500	500	500	500	500	500	500	500	499	499	420	383	372	500	500	500
Wenchi SS(%)	(N) 420	500	498	500	500	496	499	500	499	500	500	500	500	281	498	429	331	462	390	497	
Bebchem SS(%)	(N)																			500	500
Berekum SS(%)	(N)																			3.82	4.41
Bibiani SS(%)	(N)																			498	499
Birimilla SS(%)	(N)																			499	499
Bole SS(%)	(N)																			0.66	0.65
																				455	463
																				2.65	1.8
																				378	500

Site	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Damongo	(N)																			0.67	0.6
	SS(%)																			450	500
Hwidiem	(N)																			2.2	3.2
Nkoranza	(N)																			499	500
Nkwanza	(N)																			4.11	5.68
Techiman	(N)																			365	370
Walewale	(N)																			499	499
Dambai	(N)																			500	500

Table 27: HIV Prevalence, Routine Data, Sample Size - Rural Sites

Site	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Adibo	SS(%)	2.5	0.5	1.2	0.9	0.4	3.4	0.4	0	1	0.2	0.4	1.8	1.2	0.4	0.8	0	0	0	0	0
	(N)	432	408	404	459	500	498	499	500	500	499	500	500	500	500	500	500	478	489	457	
Afram	SS(%)	3	2.8	1.2	1.5	2.2	1.4	1.4	2	0.8	0.3	0.8	2.4	0.2	1	1.6	1.2				
Plains	(N)	499	499	499	399	500	500	497	500	500	394	500	500	500	500	500	500	499	499	499	
Amansie	SS(%)	2.8	3	3.6	1.8	3.7	1.8	1.6	3	1.8	2	1.6	2.6	2.2	1	2.8	2.2	2.2	2.2	2.2	
West	(N)	500	320	499	435	326	441	500	500	500	495	500	499	500	500	500	500	500	500	500	
Asikuma	SS(%)	2.2	3	2.2	3.9	2	2	1.6	1.6	0.4	0.6	0.8	0.8	0.8	0.4	1.4	0.6	0.6	0.6	0.6	
Odoben	(N)	499	471	500	259	499	497	498	500	500	494	498	500	500	500	500	500	500	500	500	
Asunafuo	SS(%)	4.1	1.8	1.8	2.1	2	1.4	0.2	2.1	1.7	1.8	1.9	3	1.4	2.3	2	2	2	2	2	
	(N)	294	277	276	285	466	403	418	500	421	286	284	372	371	357	351	500	500	500	500	
Birim	SS(%)	3.4	2.2	2.6	2.9	3.2	1.7	1.8	1.7	1.4	2	0.3	0.9	0.8	2.2	1.48	1.28				
South	(N)	320	276	303	412	374	412	383	418	289	247	287	323	396	408	474	313				
Builsa	SS(%)	2.2	1.6	3.3	1.4	1.6	0.8	1.2	0.6	1.4	2	0.6	0	0.5	1	1.1	1.2	1.25			
	(N)	405	429	427	499	500	500	500	500	500	475	347	426	500	362	500	400				
Dangbe	SS(%)	3.5	4.4	3.3	3.5	3.2	2.1	3.3	3	2.4	2.8	3.4	2.8	3.2	3	3	3	2			
East	(N)	258	451	424	492	498	427	480	372	422	424	500	500	500	500	500	500	500	500	500	
Gonja	SS(%)	1.8	5.6	2.6	1.6	1.8	0.6	0.4	0.6	0.9	0.7	0.6	0.5	0.4	0.2	0.93	0.69				
	(N)	383	497	499	499	500	478	500	500	437	411	478	421	453	498	430	434				
Eikwe	SS(%)	3.2	5.8	6	6.1	4.4	5.1	3.8	2.8	3	1.6	2	1.2	2.2	1	1.6	3	2.8	2.8	2.81	
	(N)	500	500	499	495	499	500	499	500	497	500	499	499	499	500	493	500	499	500	499	
Fanteakwa	SS(%)	6.6	6.8	4.1	3.5	5.8	4.6	4	2.4	3.2	1.3	2.4	4.2	2.3	3.3	4.6	3.4	4.84	4.3		
	(N)	334	293	401	415	500	499	500	498	478	500	311	400	364	500	413	434	395			
Kintampo	SS(%)	3.1	1.8	3	3.1	2.1	1.5	1.2	1	0.6	0.4	0	0.5	1	1.2	0.6	0.6				
	(N)	353	403	500	481	373	461	500	500	470	285	312	407	407	499	499	499	500	500		
Krachi	SS(%)	2.8	2.4	0.7	0.3	2.1	1.4	0.4	1.3	2.3	0.7	0.3	1.1	1.3	0.6	0	3.61	1.87			

Key

-
z

RT - Routine Testing (PMTCT)

6.2 Regional HIV Estimates for 2020 and Projections for 2021 & 2022

Table 28: Regional HIV Estimates for 2020

Region	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)			ESTIMATED NEW HIV INFECTIONS			NUMBER ON ART (RESIDENTS)			NUMBER ON ART (ATTENDING)			ART COVERAGE (%)						
	All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Adults (15+)	Children (0-14)	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	
Ahafo	8,405	2,384	5,305	716	1.2	3.0	2.1	417	107	241	68	4,353	1,069	3,134	149	3,325	855	2,350	120	52	45	59	21
Ashanti	73,245	21,465	46,007	5,773	1.1	2.5	1.8	3590	909	2092	589	43,692	11,316	30,507	1,870	41,074	10,609	28,601	1,864	60	53	66	32
Bono	19,173	5,149	12,514	1,510	1.4	3.5	2.5	859	222	523	114	12,695	2,996	9,091	608	13,446	3,105	9,705	636	66	58	73	40
Bono East	14,273	3,795	9,263	1,216	1.1	2.9	2.0	656	158	373	125	9713	2,280	6,941	492	11,474	2,567	8,371	536	68	60	75	40
Central	24,881	6,778	16,099	2,004	0.8	2.1	1.5	1329	312	740	277	11,808	2,732	8,603	472	10,430	2,471	7,506	454	47	40	53	24
Eastern	47,866	13,988	30,006	3,872	1.3	3.0	2.2	2128	545	1247	337	29,082	7,573	20,089	1,420	30,538	7,919	21,207	1,411	61	54	67	37
Greater Accra	70,855	22,394	43,472	4,989	1.2	2.5	1.8	3226	884	1901	441	43,831	12,717	29,298	1,816	47,112	13,739	31,393	1,979	62	57	67	36
North East	2,122	601	1,291	230	0.4	0.8	0.6	170	26	67	76	1,122	278	780	63	965	239	669	57	53	46	60	27
Northern	6,941	1,985	4,266	690	0.3	0.8	0.6	536	82	204	250	4,051	1,057	2,801	194	4,604	1,187	3,226	192	58	53	66	28
Oti	5,877	1,754	3,567	556	0.8	1.7	1.2	337	73	172	92	2,975	789	2,053	133	2,338	638	1,590	110	51	45	58	24
Savannah	3,135	942	1,999	304	0.5	1.2	0.9	205	37	96	72	1,606	375	1,170	62	1,331	317	965	50	51	44	59	20
Upper East	7,953	2,376	4,838	739	0.6	1.3	1.0	444	90	219	135	5,355	1,456	3,570	329	5,994	1,567	4,077	350	67	61	74	45
Upper West	5,725	1,632	3,574	518	0.6	1.5	1.1	318	66	162	90	3,567	918	2,470	179	4,028	1,012	2,832	184	62	56	69	34
Volta	20,949	6,382	12,880	1,686	1.0	2.3	1.6	1013	252	574	188	12,327	3,337	8,377	613	11,328	3,086	7,649	593	59	52	65	36
Western	25,620	7,761	15,806	2,054	1.0	2.3	1.7	1255	317	712	226	16,001	4,379	10,962	660	15,043	4,157	10,319	567	62	56	69	32
Western North	10,619	2,960	6,777	882	1.0	2.4	1.7	545	135	305	105	5,976	1,441	4,299	237	5,122	1,246	3,683	193	56	49	63	27

6.3. Sub-national Projections for 2021 (Regional Level)

Table 29: Regional HIV Projections for 2021

Region	PEOPLE LIVING WITH HIV			ESTIMATED HIV PREVALENCE (%)			ESTIMATED NEW HIV INFECTIONS			NUMBER ON ART (RESIDENTS)			NUMBER ON ART (ATTENDING)			ART COVERAGE (%)							
	All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Male	Total	Male	Female	All	Adults (15+)	Children (0-14)	All Ages	Male	Female	Adults (15+)	All Ages	Male	Female				
Ahafo	8,507	2,415	5,420	672	1.2	3.0	2.1	344	90	202	52	5,743	1.688	3,868	186	4,442	1357	2942	144	67.5	69.9	71.4	27.7
Ashanti	74,039	21,643	46,951	5,445	1.1	2.5	1.8	2912	747	1715	449	54,043	16,110	35,770	2,163	51,969	15,545	34,271	2154	73.0	74.4	76.2	39.7
Bono	19,338	5,209	12,706	1,423	1.3	3.5	2.4	689	179	423	87	15,241	4,145	10,405	691	16,141	4,298	11,111	732	78.8	79.6	81.9	48.5
Bono East	14,359	3,833	9,385	1,141	1.0	2.8	1.9	524	128	301	96	11,442	3,077	7,814	552	13,158	3,355	9,197	607	79.7	80.3	83.3	48.4
Central	25,223	6,881	16,454	1,888	0.8	2.1	1.4	1098	264	623	211	15,195	4,161	10,478	556	13,240	3,675	9,035	530	60.2	60.5	63.7	29.4
Eastern	48,183	14,057	30,494	3,631	1.2	3.0	2.1	1722	447	1018	257	35,217	10,397	23,207	1,613	36,110	10,534	23,952	1623	73.1	74.0	76.1	44.4
Greater Accra	71,290	22,385	44,168	4,738	1.1	2.5	1.8	2597	719	1542	336	52,768	16,960	33,745	2,063	56,694	18,341	36,111	2242	74.0	75.8	76.4	43.5
North East	2,160	612	1,334	213	0.4	0.8	0.6	137	22	56	58	1,447	424	950	74	1,275	374	836	65	67.0	69.2	71.2	34.5
Northern	7,022	2,007	4,370	644	0.3	0.8	0.6	429	68	170	191	4,974	1,470	3,280	224	5,403	1,556	3,625	221	70.8	73.2	75.1	34.7
Oti	5,954	1,773	3,663	519	0.7	1.7	1.2	277	62	145	70	3,876	1,204	2,511	161	3,139	1,004	2,005	130	65.1	67.9	68.6	31.0
Savannah	3,181	858	2,041	283	0.5	1.2	0.9	167	32	81	55	2,097	585	1,436	76	1,740	492	1,188	59	65.9	68.3	70.4	26.7
Upper East	8,033	2,396	4,950	687	0.6	1.3	1.0	351	72	176	103	6,374	1,940	4,070	365	7,179	2,124	4,661	394	79.3	81.0	82.2	53.1
Upper West	5,787	1,651	3,653	483	0.6	1.5	1.0	255	54	132	69	4,332	1,264	2,865	203	4,742	1,346	3,185	210	74.9	76.6	78.4	42.0
Volta	21,139	6,416	13,141	1,582	1.0	2.2	1.6	819	207	469	143	15,320	4,742	9,875	703	14,398	4,508	9,203	687	72.5	73.9	75.1	44.4
Western	25,867	7,806	16,128	1,933	1.0	2.3	1.6	1010	259	579	172	19,782	6,150	12,842	790	19,100	6,035	12,388	676	76.5	78.8	79.6	40.9
Western North	10,739	2,998	6,912	830	0.9	2.4	1.7	446	113	253	80	7,551	2,141	5,120	289	6,675	1,916	4,526	233	70.3	71.4	74.1	34.8

6.4 Sub-national Projections for 2022 (Regional Level)

Table 30: Regional HIV Projections for 2022

Region	People Living with HIV		Estimated New HIV Infections			Number on ART (Residents)			Number on ART (Attending)			Art Coverage (%)													
	All Ages		Adults (15+)		Children (0-14)			All Ages			Adults (15+)			Children (0-14)			All Ages		Adults (15+)		Children (0-14)				
	Total	M	F	All	M	F	Total	M	F	All	Total	M	F	All	Total	M	F	All	Total	M	F	All	Total	M	F
Ahafo	8,593	2,448	5,151	630	1.1	2.9	2.0	286	76	171	39	6,438	1,952	4,314	171	5095	1609	3353	133	74.9	79.7	82.0	81.4	27.2	39.1
Ashanti	74,705	21,847	47,729	5,129	1.0	2.4	1.7	2391	624	1430	336	58,775	17,947	38,851	2,007	57,304	17,553	37,752	2000	78.7	80.0	81.2	81.4	27.2	39.1
Bono	19,470	5,271	12,859	1,341	1.3	3.4	2.3	563	148	349	65	16,346	4,570	11,134	642	17,318	4,754	11,884	680	84.0	86.7	86.6	86.6	47.9	47.9
Bono East	14,427	3,874	9,482	1,071	1.0	2.7	1.9	426	106	249	72	12,180	3,373	8,294	513	13,795	3,638	9,595	563	84.4	87.1	87.5	87.5	47.9	47.9
Central	25,503	6,985	16,740	1,778	0.8	2.0	1.4	911	224	529	158	17,054	4,840	11,700	515	14,729	4,222	10,016	491	66.9	69.3	69.9	69.9	29.0	29.0
Eastern	48,426	14,146	30,877	3,403	1.2	2.9	2.0	1412	373	847	192	38,048	11,501	25,050	1,496	38,479	11,497	25,479	1503	78.6	81.3	81.1	81.1	44.0	44.0
Greater Accra	71,678	22,433	44,748	4,497	1.1	2.4	1.7	2129	598	1280	252	56,830	18,558	36,395	1,917	60,607	19,801	38,719	2087	79.3	82.5	81.3	81.3	42.6	42.6
North East	2,190	623	1,370	197	0.4	0.8	0.6	110	19	48	44	1,611	485	1,057	68	1,446	437	948	61	73.5	77.9	77.2	77.2	34.6	34.6
Northern	7,088	2,030	4,457	600	0.3	0.8	0.6	344	58	144	143	5,429	1,642	3,578	208	5,751	1693	3,853	205	76.6	80.9	80.3	80.3	34.7	34.7
Oti	6,018	1,793	3,742	483	0.7	1.6	1.2	227	52	123	52	4,317	1,374	2,795	149	3,594	1181	2,293	120	71.7	76.6	74.7	74.7	30.8	30.8
Savannah	3,219	872	2,084	263	0.5	1.2	0.8	136	27	69	41	2,352	679	1,603	70	1,971	577	1,339	55	73.0	77.8	76.9	76.9	26.5	26.5
Upper East	8,093	2,416	5,040	637	0.6	1.3	0.9	282	60	145	77	6,805	2,108	4,358	339	7,665	2,315	4,985	366	84.1	87.3	86.5	86.5	53.2	53.2
Upper West	5,835	1,669	3,716	450	0.6	1.4	1.0	207	45	110	52	4,691	1,402	3,101	189	5,043	1,467	3,381	195	80.4	84.0	83.4	83.4	42.0	42.0
Volta	21,288	6,457	13,349	1,482	0.9	2.2	1.6	669	172	389	107	16,695	5,277	10,765	653	15,899	5,086	10,175	638	78.4	81.7	80.6	80.6	44.1	44.1
Western	26,070	7,863	16,390	1,816	1.0	2.2	1.6	823	215	479	129	21,423	6,779	13,913	731	21,087	6,678	13,675	625	82.2	86.2	84.9	84.9	40.3	40.3
Western North	10,843	3,040	7,024	780	0.9	2.4	1.6	367	95	212	60	8,299	2,426	5,606	266	7,506	2,223	5,070	214	76.5	79.8	79.8	79.8	34.1	34.1

6.5 Sub-national Estimates for 2020 (District Level)

Table 31: District Estimates

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				ART COVERAGE (%)						
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Total	M	F	Adults (15+)	Childrn (0-14)	All Ages	Adults (15+)	Total	M	F	Adults (15+)	Childrn (0-14)	All Ages	Adults (15+)	Total	M	F	All
Ahafo	Asunafo North	1,848	549	1,335	164	1.1	2.5	1.8	95	23	54	18	1,052	275	735	41	775	211	534	31	57	50	65	25
Ahafo	Asunafo South	1,508	425	951	132	1.1	2.8	2.0	80	21	45	15	573	128	431	13	286	72	205	9	38	30	45	10
Ahafo	Asutifi North	830	242	522	66	1.1	2.7	1.9	44	12	25	7	238	50	183	4	100	25	72	3	29	21	35	6
Ahafo	Asutifi South	1,205	327	789	89	1.4	4.1	2.6	52	15	29	7	903	218	638	46	962	224	692	46	75	67	81	52
Ahafo	Tano North	1,023	315	617	91	1.0	2.0	1.5	49	11	27	11	708	207	482	19	717	205	498	14	69	66	78	21
Ahafo	Tano South	1,991	525	1,290	175	1.8	4.5	3.2	96	24	60	11	880	190	664	25	484	118	349	17	44	36	51	14
Ashanti	Adansi Akrofum	709	200	447	62	0.7	1.8	1.2	42	10	22	11	156	31	122	2	58	15	42	2	22	16	27	4
Ashanti	Adansi Asokwa	592	182	356	53	0.7	1.6	1.1	36	8	18	9	31	6	24	1	9	2	6	1	5	3	7	2
Ashanti	Adansi North	628	178	398	51	1.1	2.7	1.9	30	8	18	5	384	98	278	8	311	80	225	6	61	55	70	16
Ashanti	Adansi South	409	114	262	33	0.7	2.0	1.3	20	5	10	6	303	76	210	17	317	77	223	17	74	67	80	51
Ashanti	Afigya Kwabre North	601	170	377	54	1.1	2.7	1.9	31	7	17	6	351	86	250	15	259	65	182	12	58	51	66	29
Ashanti	Afigya Kwabre South	1,644	448	1,062	135	1.2	3.0	2.1	75	19	43	13	1,197	298	847	52	1,257	305	907	45	73	67	80	39
Ashanti	Ahafo Abo North	1,171	357	716	98	0.9	2.2	1.5	63	16	34	13	625	164	444	16	432	119	302	11	53	46	62	16
Ashanti	Ahafo Abo South East	606	188	362	55	0.8	1.9	1.3	33	8	16	8	361	99	245	16	276	77	186	13	60	53	68	30
Ashanti	Ahafo Abo South West	991	276	633	82	1.1	3.1	2.0	47	13	25	9	585	141	426	18	435	108	314	13	59	51	67	22
Ashanti	Anansie Central	748	223	459	66	0.6	1.5	1.1	45	10	22	13	163	35	126	3	60	16	43	2	22	16	27	4
Ashanti	Anansie South	729	195	475	60	0.8	2.3	1.5	35	8	19	8	560	138	392	30	645	152	464	29	77	71	83	49
Ashanti	Anansie West	754	245	442	67	0.8	1.8	1.3	47	12	24	11	107	25	80	2	37	11	25	1	14	10	18	4

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)			ESTIMATED NEW HIV INFECTIONS			NUMBER ON ART (RESIDENTS)			NUMBER ON ART (ATTENDING)			ART COVERAGE (%)												
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Adults (15+)	Childn (0-14)	All Ages	Adults (15+)	Childn (0-14)	All Ages	Adults (15+)	Childn (0-14)	All Ages	Adults (15+)	Childn (0-14)	Total	M	F	Total	M	F	Total	M	F	Total	M	F	All
Ashanti	Asante Akim Central	963	284	597	82	1.0	2.2	1.6	50	12	29	9	591	156	413	22	484	130	337	17	61	55	69	27						
Ashanti	Asante Akim North	1,050	315	643	92	1.1	2.6	1.9	45	11	25	9	842	240	550	52	1,063	292	715	55	80	76	86	56						
Ashanti	Asante Akim South	1,440	435	880	125	0.9	2.2	1.6	74	18	40	16	716	184	507	24	443	122	304	17	50	42	58	19						
Ashanti	Asante Mampong	1,268	344	820	104	1.0	2.6	1.8	58	14	32	11	983	247	680	56	1,145	277	810	58	78	72	83	54						
Ashanti	Asokore Mampong	2,861	840	1,807	215	0.6	1.5	1.1	180	43	102	35	155	29	124	3	46	12	33	2	5	3	7	1						
Ashanti	Asokwa	3,206	816	2,165	225	1.3	3.7	2.5	125	33	76	16	2,627	619	1,881	127	3,413	760	2,520	133	82	76	87	56						
Ashanti	Atwima Kwanwoma	1,079	324	661	93	0.9	2.0	1.5	58	14	32	12	586	154	423	9	423	115	302	6	54	48	64	10						
Ashanti	Atwima Mponua	1,735	492	1,099	143	1.0	2.8	1.9	90	25	48	17	720	159	538	23	375	92	267	16	42	32	49	16						
Ashanti	Atwima Nwabiagya	1,564	431	1,010	123	1.2	3.1	2.2	73	19	43	11	1,061	262	759	40	982	241	709	32	68	61	75	33						
Ashanti	Atwima Nwabiagya	1,000	278	644	79	1.1	2.7	1.9	53	14	31	8	405	88	311	6	213	52	157	4	40	32	48	7						
Ashanti	Bekwai	1,747	498	1,094	155	1.1	2.6	1.9	78	18	45	15	1,316	350	893	73	1,460	377	1,014	69	75	70	82	47						
Ashanti	Bosome Freho	552	157	348	47	0.7	1.7	1.2	32	7	16	8	159	33	123	3	66	16	48	2	29	21	35	7						
Ashanti	Bosomtwe	1,440	395	926	120	1.1	2.7	1.9	68	17	39	12	959	238	693	28	878	216	641	21	67	60	75	23						
Ashanti	Ejisu	1,770	482	1,144	144	1.3	3.2	2.3	85	21	52	12	1,092	257	792	43	873	209	630	34	62	53	69	30						
Ashanti	Ejura-Sekyedumase	1,078	320	664	94	0.9	2.2	1.6	58	14	32	12	662	177	465	21	554	149	390	15	61	55	70	22						
Ashanti	Juaben	835	222	544	69	1.2	3.2	2.2	37	9	21	7	599	143	427	30	593	139	427	27	72	65	78	43						
Ashanti	Kumasi	13,165	4,210	7,987	968	1.3	2.6	1.9	588	154	359	76	9,984	2,888	6,439	657	11,071	3,064	7,185	822	76	69	81	68						
Ashanti	Kwabre East	1,494	386	991	117	0.8	2.2	1.6	82	20	48	15	745	156	575	13	475	106	361	9	50	40	58	11						
Ashanti	Kwadaso	6,360	1,860	4,033	467	1.7	3.9	2.8	314	86	200	28	2,769	647	2,075	47	1,542	401	1,111	31	44	35	51	10						

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)									
		All Ages	Adults (15+)	Childn (0-14)	Adults (15-49)	All Ages	M	F	Total	All	M	F	Total	All	M	F	Total	All	Childn (0-14)	All Ages	Adults (15+)	Total	M	F	All	Childn (0-14)	All Ages	Adults (15+)	Total	M	F
Ashanti	Obuasi	1,944	507	1,303	134	1.2	3.4	2.3	85	23	53	10	1,315	300	967	47	1,173	268	867	38	68	59	74	35							
Ashanti	Obuasi East	1,487	457	913	116	1.4	3.0	2.2	67	17	41	9	1,034	289	696	49	995	275	676	44	70	63	76	42							
Ashanti	Offinso	1,418	375	920	123	1.3	3.3	2.3	57	14	33	10	1,177	296	809	72	1,609	383	1,149	78	83	79	88	58							
Ashanti	Offinso North	818	220	525	73	1.0	2.7	1.9	41	10	23	9	522	124	377	20	444	106	323	15	64	57	72	27							
Ashanti	Oforikrom	4,146	1,385	2,460	301	1.0	2.0	1.5	218	59	127	32	2,539	760	1,734	46	2,166	648	1,487	31	61	55	70	15							
Ashanti	Old Tafo	2,779	791	1,780	207	1.3	3.0	2.1	127	33	78	16	1,979	510	1,402	67	2,028	508	1,466	54	71	65	79	32							
Ashanti	Sekyere Afram Plains	273	97	149	27	0.8	1.8	1.2	17	5	8	5	47	12	34	1	18	6	11	1	17	13	23	4							
Ashanti	Sekyere Central	672	198	415	59	0.7	1.7	1.2	39	9	20	10	241	54	178	9	116	29	81	6	36	27	43	15							
Ashanti	Sekyere East	814	263	473	78	1.1	2.1	1.6	43	10	25	8	420	122	291	8	291	88	199	5	52	46	62	10							
Ashanti	Sekyere Kumawu	683	181	443	59	0.8	1.9	1.4	40	9	22	9	177	33	141	3	70	16	52	2	26	18	32	5							
Ashanti	Sekyere South	1,259	358	792	110	1.0	2.3	1.7	62	14	37	12	852	221	599	32	811	207	579	25	68	62	76	29							
Ashanti	Suame	2,763	769	1,789	205	1.1	2.7	1.9	139	36	85	19	1,592	369	1,166	58	1,158	278	835	45	58	48	65	28							
Bono	Banda	287	83	180	23	1.0	2.7	1.8	15	4	8	3	138	32	100	6	82	20	57	5	48	38	56	27							
Bono	Berekum	2,375	603	1,584	188	1.7	4.1	2.9	90	21	58	11	2,012	481	1,405	126	2,834	637	2,042	154	85	80	89	67							
Bono	Berekum West	487	123	325	39	0.9	2.3	1.6	27	6	17	4	112	19	91	2	42	9	32	1	23	15	28	5							
Bono	Dormaa East	1,401	389	892	120	2.0	4.6	3.4	63	16	40	7	707	165	523	19	436	109	313	13	51	42	59	16							
Bono	Dormaa Municipal	2,151	599	1,383	169	1.3	3.1	2.2	101	26	61	14	1,314	322	962	30	1,049	262	767	21	61	54	70	18							
Bono	Dormaa West	838	264	504	70	1.2	3.0	2.1	40	11	21	7	535	149	359	27	447	125	298	24	64	56	71	39							
Bono	Jaman North	1,396	362	922	112	1.1	3.0	2.1	72	18	44	10	839	186	629	24	664	150	497	17	60	51	68	21							
Bono	Jaman South	2,082	502	1,412	168	1.5	4.0	2.8	96	23	61	12	1,341	273	998	69	1,102	226	815	61	64	54	71	41							
Bono	Sunyani Municipal	3,285	827	2,240	218	1.4	4.3	2.8	122	35	75	13	2,865	680	2,031	154	4,358	966	3,193	198	87	82	91	71							
Bono	Sunyani West	1,368	398	861	109	1.1	2.6	1.9	72	19	43	11	527	119	398	10	268	68	194	7	39	30	46	9							

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)				
		All Ages	Adults (15+)	Childn (0-14)	Adults (15-49)	All Ages	Childn (0-14)	Adults (15+)	Childn (0-14)	All Ages	Childn (0-14)	Adults (15+)	Childn (0-14)	All Ages	Childn (0-14)	Adults (15+)	Childn (0-14)	All Ages	Childn (0-14)	Adults (15+)	Childn (0-14)	All Ages	Childn (0-14)	Adults (15+)	Childn (0-14)	
Bono	Tain	1,561	460	971	130	1.3	3.2	2.2	78	21	45	11	836	199	583	55	558	137	372	49	54	43	60	42		
Bono	Wenchi	1,943	538	1,240	164	1.5	3.8	2.6	83	22	49	12	1,469	373	1,010	86	1,605	395	1,124	87	76	69	81	52		
Bono East	Atebulu - Amantin	1,308	375	813	120	0.9	2.2	1.6	69	16	37	15	892	229	611	52	845	213	584	47	68	61	75	43		
Bono East	Kintampo North	1,653	410	1,104	140	1.1	3.2	2.2	76	18	44	14	1,257	283	891	84	1,376	302	981	93	76	69	81	60		
Bono East	Kintampo South	1,203	348	753	102	1.1	2.8	1.9	61	16	34	11	626	152	452	22	406	104	285	16	52	44	60	22		
Bono East	Nkoranza North	783	247	466	70	0.9	2.0	1.5	43	11	24	9	219	53	158	7	92	26	61	5	28	22	34	10		
Bono East	Nkoranza South	1,672	419	1,118	136	1.1	3.0	2.1	79	19	46	14	1,126	256	838	32	1,031	235	773	24	67	61	75	24		
Bono East	Pru	1,075	305	672	98	1.1	2.6	1.9	57	13	33	10	651	169	464	18	539	144	383	12	61	55	69	18		
Bono East	Pru West	579	167	355	58	0.8	1.9	1.4	32	7	16	8	394	104	266	24	366	97	249	21	68	62	75	41		
Bono East	Sene East	575	195	320	60	0.8	1.6	1.2	35	8	17	10	234	68	156	10	131	41	82	7	41	35	49	17		
Bono East	Sene West	604	152	402	51	0.7	2.0	1.4	32	7	17	8	396	88	291	17	346	77	255	14	66	58	73	34		
Bono East	Tehiman Municipal	3,867	871	2,695	301	1.5	4.6	3.1	122	30	74	19	3,518	771	2,530	218	6,119	1,260	4,568	291	91	88	94	72		
Bono East	Tehiman North	951	305	566	81	1.3	2.5	1.9	50	13	30	7	400	109	283	9	224	68	151	6	42	36	50	11		
Central	Abura-Asébu-Kwamankese	1,393	370	909	114	0.9	2.3	1.6	76	18	43	15	474	96	370	8	213	51	158	5	34	26	41	7		
Central	Agona East	692	206	424	62	0.7	1.5	1.1	43	9	22	11	54	11	42	1	16	4	11	1	8	5	10	2		
Central	Agona West	1,244	308	841	95	0.7	2.0	1.4	58	13	31	14	975	220	701	55	1,137	243	834	60	78	71	83	58		
Central	Ajumako-Enyan-Essiam	1,411	394	886	131	0.9	1.9	1.4	81	17	45	19	139	26	111	2	41	10	30	1	10	7	13	2		
Central	Asikuma-Odoben-Brahkwa	1,063	298	670	95	0.6	1.6	1.1	58	12	28	18	742	185	507	50	703	172	481	51	70	62	76	53		
Central	Assin Foso	1,043	265	697	81	0.9	2.6	1.7	45	11	25	9	861	204	605	53	1,136	254	819	62	83	77	87	65		
Central	Assin North	487	157	285	46	0.6	1.3	1.0	32	7	15	10	33	7	25	1	10	3	7	0	7	5	9	2		

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				ART COVERAGE (%)									
		All Ages	Adults (15+)	Child (0-14)	Adults (15-49)	All Ages	Child (0-14)	Adults (15+)	Child (0-14)	Total	M	F	Total	M	F	Total	M	F	Total	Child (0-14)	All Ages (15+)	Adults (15+)	Child (0-14)	All Ages (15+)	Adults (15+)	Child (0-14)	All Ages (15+)
Central	Assin South	948	272	593	83	0.7	1.8	1.2	53	12	27	14	504	123	362	19	333	85	234	14	53	45	61	23	53	16	2
Central	Awutu Senya	644	180	408	56	0.6	1.4	1.0	42	9	22	12	80	14	64	1	26	6	19	1	12	8	16	16	2	56	23
Central	Awutu Senya East	1,201	320	790	90	0.7	2.0	1.3	66	16	36	14	584	123	440	21	355	81	259	16	49	39	39	56	23	56	23
Central	Cape Coast	2,369	691	1,526	153	0.9	2.2	1.5	117	32	70	15	1,863	494	1,270	99	2,274	570	1,587	117	79	71	83	65	65	34	8
Central	Efutu	850	258	530	62	0.9	2.0	1.4	42	11	23	7	638	180	438	21	742	199	525	17	75	70	83	34	34	34	8
Central	Ekumfi	326	86	211	29	0.5	1.2	0.9	21	4	10	7	114	23	89	2	53	12	39	1	35	26	42	42	42	42	8
Central	Gomoa Central	1,271	354	816	102	0.7	1.7	1.1	78	19	41	19	91	15	74	1	27	6	20	1	7	4	9	1	1	1	1
Central	Gomoa East	670	171	442	57	0.7	1.8	1.3	34	7	18	9	519	122	368	28	612	137	448	28	77	71	83	50	50	38	7
Central	Gomoa West	1,531	366	1,035	130	0.9	2.2	1.6	86	18	50	18	479	81	389	9	203	41	156	6	31	22	38	38	38	7	7
Central	Komenda-Edna-Egualo-Abirem	1,957	544	1,255	158	1.0	2.6	1.8	102	26	58	18	934	206	691	36	550	131	392	27	48	38	55	23	23	23	23
Central	Mfantseman	2,509	625	1,681	204	1.3	3.1	2.3	130	29	83	18	1,188	244	915	29	702	157	526	20	47	39	54	14	14	14	14
Central	Twifo-Ati-Mokwa	867	220	579	68	0.9	2.8	1.8	41	10	23	8	608	139	447	22	588	133	438	17	70	63	77	32	32	32	7
Central	Twifo-Hemang Lower Denkyira	543	164	332	47	0.8	1.8	1.3	32	8	17	7	75	15	59	1	25	7	17	1	14	9	18	3	3	3	3
Central	Upper Denkyira East	1,316	358	861	97	1.2	3.3	2.3	61	17	36	8	821	199	611	11	675	165	502	7	62	55	71	11	11	11	11
Central	Upper Denkyira West	544	170	329	46	0.7	1.7	1.2	33	8	17	8	29	6	23	1	8	2	6	0	5	3	7	1	1	1	1
Eastern	Abuakwa North	1,543	492	927	123	1.3	2.6	2.0	78	20	48	10	697	186	489	22	402	117	270	15	45	38	53	18	18	18	18
Eastern	Achiase	874	250	549	76	0.9	2.0	1.5	45	10	25	10	526	132	371	23	398	102	278	18	60	53	68	30	30	30	8
Eastern	Afram Plains South	1,264	398	759	107	0.8	2.0	1.3	73	20	36	18	116	24	91	2	35	10	25	1	9	6	12	2	2	2	2

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)							
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Total	M	F	Total	M	F	All	Children (0-14)	Adults (15+)	All Ages	Total	M	F	All	Childn (0-14)	Adults (15+)	All Ages	Total	M	F	All		
Eastern	Akwapim North	1,096	328	678	90	1.1	2.3	1.7	4.8	11	28	9	860	238	566	56	1,016	267	684	64	78	72	84	62					
Eastern	Akwapim South	558	162	352	44	1.1	2.4	1.8	27	7	16	5	341	86	241	14	262	68	183	11	61	53	68	31					
Eastern	Akyemansia	1,209	355	746	108	0.9	2.1	1.5	6.0	14	32	14	750	196	520	34	591	157	407	27	62	55	70	32					
Eastern	Asene Manso Akroso	942	259	602	81	0.9	2.1	1.5	4.8	11	26	11	587	142	418	26	461	114	326	21	62	55	69	32					
Eastern	Asuogyaman	2,586	776	1,603	207	1.9	4.2	3.1	11.9	32	76	12	1,179	286	840	53	658	175	444	40	46	37	52	25					
Eastern	Atiwa East	911	271	564	76	1.3	3.1	2.2	41	11	24	7	608	162	414	32	532	142	362	29	67	60	73	42					
Eastern	Atiwa West	876	269	531	75	1.1	2.5	1.8	4.5	11	25	8	281	67	209	5	123	34	86	3	32	25	39	7					
Eastern	Ayensuano	898	279	541	78	0.9	2.0	1.4	5.0	12	26	11	42	8	33	1	12	3	8	0	5	3	6	1					
Eastern	Birim Central	1,152	292	776	83	1.0	2.8	1.9	4.9	12	29	8	928	216	657	55	1,144	253	826	66	81	74	85	66					
Eastern	Birim North	1,156	326	738	92	1.0	2.6	1.8	5.6	14	30	11	744	183	526	35	618	153	435	30	64	56	71	39					
Eastern	Birim South	632	181	399	52	1.0	2.3	1.6	3.2	8	18	6	344	82	245	17	231	57	160	14	54	45	61	33					
Eastern	Denkyembour	1,586	436	1,022	128	1.3	3.4	2.4	5.7	14	32	10	1,355	359	916	80	1,945	492	1,362	92	85	82	90	62					
Eastern	East Akim - Abutawka South	1,290	373	819	98	1.1	2.8	2.0	61	16	35	10	792	193	556	42	608	150	420	38	61	52	68	43					
Eastern	Fanteakwa North	1,142	338	707	96	1.4	3.3	2.3	50	13	29	8	808	215	543	51	777	204	523	51	71	64	77	53					
Eastern	Fanteakwa South	812	240	506	66	1.2	2.8	2.0	38	10	22	6	487	126	341	20	364	97	251	16	60	53	67	30					
Eastern	Kwaebibirem	1,770	544	1,079	147	1.2	2.5	1.8	91	23	54	14	399	91	304	5	148	42	104	3	23	17	28	3					
Eastern	Kwahu East	851	241	540	70	0.8	2.0	1.4	48	11	26	10	140	26	112	2	46	11	33	1	16	11	21	3					
Eastern	Kwahu North	1,267	404	742	121	0.9	2.2	1.5	69	17	35	16	694	191	466	36	489	140	321	29	55	47	63	30					
Eastern	Kwahu South	1,085	311	681	93	1.2	2.7	1.9	50	12	29	9	775	201	528	46	764	194	525	45	71	64	78	49					
Eastern	Kwahu West	1,623	450	1,043	130	1.2	2.8	2.0	70	17	42	12	1,268	325	867	76	1,482	366	1,034	82	78	72	83	58					
Eastern	Lower-Manya Krobo	4,695	1,194	3,132	370	3.3	8.5	6.0	122	32	80	10	4,289	1,075	2,964	250	7,407	1,782	5,318	307	91	90	95	68					
Eastern	New Juaben North	1,248	447	697	104	1.7	2.9	2.4	58	15	36	7	764	253	485	27	630	212	397	20	61	57	70	26					

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)							
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Adults (15+)	Children (0-14)	Adults (15+)	All Ages	Adults (15+)	Children (0-14)	All Ages	Adults (15+)	Children (0-14)	All Ages	Adults (15+)	Children (0-14)	Total	M	F	Total	M	F	Total	M	F	Total	M
		Total	M	F	All	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total			
Greater Accra	Ayawaso West	1,009	381	573	54	0.9	1.8	1.3	54	17	32	5	734	255	452	27	803	272	505	26	73	67	79	50					
Greater Accra	Ga Central	1,235	375	771	90	0.7	1.6	1.1	72	19	39	15	84	16	67	1	25	7	18	1	7	4	9	1					
Greater Accra	Ga East	2,284	945	1,161	178	1.3	1.9	1.6	103	29	58	17	1,659	670	943	46	1,863	735	1,093	35	73	71	81	26					
Greater Accra	Ga North	1,149	332	737	80	0.7	1.7	1.2	65	17	35	13	372	79	289	5	169	42	124	3	32	24	39	6					
Greater Accra	Ga South	3,363	886	2,230	248	0.9	2.4	1.6	181	48	102	32	1,004	183	795	25	426	94	316	16	30	21	36	10					
Greater Accra	Ga West	2,061	553	1,369	139	1.1	3.1	2.1	87	24	51	12	1,562	380	1,123	59	1,728	405	1,270	53	76	69	82	43					
Greater Accra	Korle-Klottey	3,369	1,226	1,926	217	1.9	3.5	2.7	122	36	75	11	2,753	960	1,681	111	3,608	1,207	2,291	110	82	78	87	51					
Greater Accra	Kpone-Katamanso	2,094	634	1,305	154	1.2	2.8	2.0	105	29	62	14	837	197	622	18	435	116	307	12	40	31	48	12					
Greater Accra	Krowor	1,720	510	1,097	114	1.0	2.4	1.7	91	26	55	11	108	19	88	1	31	8	23	1	6	4	8	1					
Greater Accra	La-Dadekotopon	3,618	1,183	2,187	248	1.3	2.6	2.0	161	44	98	18	2,280	661	1,546	73	1,874	552	1,265	57	63	56	71	30					
Greater Accra	La-Nkwantanang-Madina	2,724	790	1,758	176	1.4	3.5	2.4	114	33	70	11	2,059	553	1,453	53	2,339	607	1,691	41	76	70	83	30					
Greater Accra	Ledzokuku	2,477	849	1,442	185	1.4	2.6	2.0	109	30	65	14	1,630	505	1,061	63	1,442	448	943	52	66	59	74	34					
Greater Accra	Ningo Prampram	1,529	443	956	130	1.6	3.5	2.5	74	19	45	10	956	245	674	37	797	207	561	28	63	55	70	28					
Greater Accra	Okai Koi North	4,287	1,371	2,625	291	1.2	2.6	1.9	216	62	130	24	1,864	484	1,366	13	1,057	302	746	8	43	35	52	5					
Greater Accra	Shai-Osudoku	1,233	344	788	101	1.6	4.0	2.8	47	12	27	7	1,031	273	697	61	1,415	356	991	69	84	79	88	61					
Greater Accra	Tema	4,727	1,544	2,848	335	1.9	3.8	2.9	175	49	109	17	3,878	1,210	2,491	177	5,151	1,541	3,432	178	82	78	87	53					
Greater Accra	Tema West	2,381	724	1,504	153	1.2	2.7	1.9	112	32	67	13	1,320	338	954	28	919	246	653	19	55	47	63	18					

Region	District	People Living with HIV				Estimated HIV Prevalence (%)		Estimated New HIV Infections		Number on ART (Residents)				Number on ART (Attending)				Art Coverage (%)					
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Adults (15+)	Children (0-14)	All Ages	Adults (15+)	Children (0-14)	All Ages	Adults (15+)	Children (0-14)	All Ages	Adults (15+)	Children (0-14)	All Ages	Adults (15+)	Children (0-14)	All Ages		
		Total	M	F	All	M	F	Total	M	F	All	Total	M	F	All	Total	M	F	All	Total	M	F	
Greater Accra	Weija-Gbawie	2,784	769	1,820	194	0.9	2.3	1.5	125	33	69	23	2,079	520	1,474	85	2,245	541	1,627	77	75	68	81
North East	Bunkpurugu -Nakpanduri	384	116	229	39	0.5	1.0	0.7	28	5	13	9	193	49	131	13	130	34	85	11	50	42	57
North East	Chereponi	182	50	110	21	0.3	0.7	0.5	18	2	6	10	55	12	42	2	26	6	18	1	31	24	38
North East	East Mamprusi	576	162	350	64	0.4	0.9	0.6	44	7	17	20	406	103	269	34	414	101	279	34	70	64	77
North East	Mamprugu-Moagduri	143	43	84	15	0.3	0.5	0.4	14	2	5	7	24	5	18	1	9	2	6	0	17	12	22
North East	West Mamprusi	670	183	418	70	0.4	1.0	0.7	48	8	20	20	422	105	304	13	379	93	277	9	63	58	73
North East	Yunyoo-Nasuan	167	47	100	20	0.3	0.6	0.5	17	2	6	9	21	4	16	1	7	2	5	0	12	9	16
Northern	Gushiegu	290	79	179	32	0.2	0.5	0.4	33	4	9	20	158	38	115	5	119	29	86	3	55	49	64
Northern	Karaga	217	58	134	24	0.2	0.5	0.4	24	3	8	14	71	15	54	2	34	8	24	1	33	26	40
Northern	Kpandai	542	173	306	62	0.4	0.9	0.7	42	7	17	18	297	88	199	10	229	69	152	7	55	51	65
Northern	Kumbungu	98	30	58	11	0.2	0.4	0.3	11	1	3	7	40	10	29	1	23	6	15	1	41	34	49
Northern	Mion	164	49	97	19	0.2	0.4	0.3	22	2	6	15	32	7	24	1	12	3	8	1	19	15	24
Northern	Nanton	108	30	67	12	0.2	0.4	0.3	13	1	4	8	18	4	14	1	7	2	5	0	17	12	21
Northern	Nanumba North	998	266	626	106	0.5	1.4	1.0	71	13	33	25	407	90	306	11	226	55	163	7	41	34	49
Northern	Nanumba South	288	85	170	32	0.3	0.6	0.4	30	4	10	16	94	23	68	3	47	13	32	2	33	27	40
Northern	Saboba	263	79	152	32	0.4	0.7	0.6	23	3	9	11	157	44	105	8	134	38	90	6	60	56	69
Northern	Sagnarigu	248	86	140	22	0.1	0.3	0.2	32	4	9	20	18	4	13	0	6	2	4	0	7	5	10
Northern	Savelugu	386	106	240	40	0.3	0.7	0.5	31	4	11	15	245	61	172	12	214	54	151	9	64	58	72
Northern	Tamale	2,137	597	1,366	174	0.6	1.6	1.1	96	20	46	29	1,872	508	1,253	112	3,037	770	2,134	133	88	85	92
Northern	Tatale-Sangule	372	107	226	39	0.5	1.1	0.8	27	5	13	9	163	40	117	6	97	26	68	4	44	37	52
Northern	Tolon	121	36	72	13	0.1	0.3	0.2	18	2	4	12	28	6	21	1	11	3	8	1	23	17	29
Northern	Yendi	495	137	310	48	0.3	0.8	0.5	40	6	15	19	302	74	215	12	251	62	180	9	61	54	69
Northern	Zabzugu	215	66	124	25	0.3	0.6	0.4	20	2	6	11	149	44	97	9	158	46	105	7	69	67	78
Oti	Biakoye	616	182	382	52	0.7	1.6	1.1	33	7	17	9	371	95	256	20	286	75	194	17	60	52	67

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)									
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Adults (15+)	Children (0-14)	Adults (15+)	All Ages	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	All Ages	Adults (15+)	Children (0-14)	All Ages	Adults (15+)
Oti	Jasikan	760	226	471	63	0.9	2.1	1.5	37	9	21	8	463	120	321	22	359	95	246	18	61	53	68	35							
Oti	Kadiebi	633	192	387	53	0.8	1.8	1.3	32	7	17	8	419	115	283	22	369	101	249	20	66	60	73	42							
Oti	Krachi East	926	284	552	90	0.6	1.4	1.0	60	13	29	19	345	86	250	9	177	50	122	6	37	30	45	10							
Oti	Krachi Nchumuru	526	148	327	50	0.6	1.3	0.9	37	7	18	11	25	4	20	1	7	2	5	0	5	3	6	1							
Oti	Krachi West	637	175	405	57	0.9	2.4	1.6	32	7	17	8	452	112	314	25	449	110	316	23	71	64	78	44							
Oti	Nkwanta North	604	170	371	64	0.8	1.7	1.3	40	8	21	11	181	40	137	4	82	21	59	2	30	23	37	6							
Oti	Nkwanta South	1,177	377	674	126	0.9	1.7	1.3	66	14	34	19	719	216	472	31	608	185	399	24	61	57	70	25							
Savannah	Bole	810	193	549	67	0.8	2.5	1.7	39	9	21	9	599	130	443	26	642	135	484	23	74	67	81	39							
Savannah	Central Gonja	437	117	277	43	0.4	0.9	0.7	35	6	15	15	142	30	109	3	67	16	49	2	33	26	39	7							
Savannah	East Gonja	539	166	322	52	0.4	0.9	0.6	39	7	17	15	324	90	219	15	266	75	179	12	60	54	68	30							
Savannah	North Gonja	188	52	116	21	0.3	0.8	0.6	17	2	7	7	57	13	43	2	26	7	19	1	30	24	37	8							
Savannah	North-East Gonja	107	32	64	11	0.3	0.6	0.5	10	1	4	5	21	5	16	1	8	2	6	0	20	15	25	6							
Savannah	Sawla-Tuna-Kalba	774	201	489	84	0.6	1.4	1.1	48	8	25	15	269	55	208	5	126	30	93	3	35	28	43	6							
Savannah	West Gonja	280	81	173	26	0.5	1.2	0.8	17	3	8	6	194	52	133	9	195	52	135	8	69	65	77	36							
Upper East	Bawku Municipal	638	191	388	58	0.5	1.1	0.8	36	7	17	12	505	140	325	40	622	163	407	51	79	73	84	69							
Upper East	Bawku West	570	167	341	61	0.5	1.1	0.8	35	6	16	13	390	108	264	19	391	106	270	15	68	64	77	30							
Upper East	Binduri	259	72	162	26	0.4	0.8	0.6	20	3	9	8	63	12	49	1	24	6	18	1	24	17	30	5							
Upper East	Bolgatanga East	332	99	208	26	0.9	2.0	1.4	19	5	11	3	64	13	50	1	23	6	16	1	19	13	24	4							
Upper East	Bolgatanga Municipal	1,331	341	887	103	0.8	2.2	1.5	54	12	29	12	1,172	288	813	71	1,879	430	1,358	90	88	85	92	69							
Upper East	Bongo	629	188	377	64	0.7	1.3	1.0	33	6	16	11	505	144	323	38	658	179	437	42	80	77	86	59							
Upper East	Bulsa North	519	166	306	47	0.8	1.6	1.2	27	6	14	7	386	115	247	24	424	123	278	23	74	69	81	50							

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)			ESTIMATED NEW HIV INFECTIONS			NUMBER ON ART (RESIDENTS)			NUMBER ON ART (ATTENDING)			ART COVERAGE (%)				
		All Ages	Adults (15+)	Child (0-14)	Adults (15-49)	All Ages	Child (0-14)	All Ages	All	Child (0-14)	All	Total	M	F	Total	M	F	Total	M	F		
		Total	M	F	All	M	F	Total	M	F	All	Total	M	F	All	Total	M	F	Total	M	F	
Upper East	Builsa South	251	90	136	25	0.6	1.1	0.9	16	3	8	5	116	35	73	8	72	23	43	6	46	39
Upper East	Garu	399	111	244	44	0.6	1.3	1.0	24	4	12	8	250	63	174	13	213	54	148	11	63	57
Upper East	Kasena-Nankana	945	286	576	82	0.7	1.5	1.1	53	12	27	14	662	181	444	36	661	176	451	34	70	63
Upper East	Kasena-Nankana West	641	193	395	52	0.7	1.6	1.1	36	9	20	8	370	94	256	20	276	72	188	17	58	49
Upper East	Nabdam	359	133	189	37	1.0	1.7	1.3	18	4	9	4	265	92	149	24	288	96	162	29	74	69
Upper East	Pusiga	277	77	171	29	0.4	0.9	0.7	20	3	9	8	145	33	102	10	98	23	66	9	53	43
Upper East	Talensi	457	160	253	44	0.5	1.0	0.7	29	6	13	11	292	93	180	19	254	80	156	18	64	58
Upper East	Tempane	347	101	206	40	0.5	0.9	0.7	25	4	11	10	169	44	121	5	111	30	77	3	49	43
Upper West	Daffidama-Bussie-Issa	277	81	170	26	0.7	1.5	1.1	17	4	9	4	120	29	88	3	68	18	48	2	43	36
Upper West	Jirapa	515	165	295	55	0.6	1.0	0.8	31	5	15	11	366	111	233	22	387	115	252	20	71	67
Upper West	Lamussie	236	68	145	23	0.4	0.8	0.6	18	3	8	7	81	18	60	3	39	10	27	2	34	26
Upper West	Lawra	528	181	293	53	0.9	1.5	1.2	26	6	14	7	393	129	238	26	440	141	273	26	74	71
Upper West	Nadowli-Kaleo	437	116	283	38	0.5	1.3	0.9	26	5	14	7	255	59	191	6	198	47	148	4	58	51
Upper West	Nandom	490	161	287	42	0.9	1.7	1.3	24	6	13	5	349	106	224	18	355	106	232	17	71	66
Upper West	Sissala East	429	111	280	37	0.5	1.4	1.0	26	5	13	8	247	56	186	6	189	44	141	4	58	50
Upper West	Sissala West	340	89	218	33	0.5	1.3	0.9	23	4	11	7	152	31	112	9	87	19	61	7	45	34
Upper West	Wa East	545	157	333	55	0.6	1.5	1.0	35	7	17	11	178	39	133	6	82	21	57	4	33	25
																					11	

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)			ESTIMATED NEW HIV INFECTIONS			NUMBER ON ART (RESIDENTS)			NUMBER ON ART (ATTENDING)			ART COVERAGE (%)						
		All Ages	Adults (15+)	Childen (0-14)	Adults (15-49)	All Ages	(15+)	Childen (0-14)	Adults (15+)	All Ages	(0-14)	Childen (0-14)	Adults (15+)	All Ages	(0-14)	Childen (0-14)	Adults (15+)	All Ages	(0-14)	Childen (0-14)				
		Total	M	F	All	M	F	Total	M	F	Total	M	F	All	Total	M	F	All	Total	M	F			
Upper West	Wa Municipal	1,433	361	966	106	0.8	2.4	1.5	60	15	33	12	1,272	308	890	74	2,115	475	1,545	96	89	85	92	70
Upper West	Wa West	495	141	304	49	0.5	1.1	0.8	33	6	16	10	154	33	116	5	69	17	48	3	31	24	38	9
Volta	Adaklu	505	154	313	38	0.9	2.3	1.6	28	8	16	4	96	20	73	3	35	9	24	2	19	13	23	7
Volta	Afadjato South	872	271	529	72	0.7	1.6	1.1	49	12	25	13	256	61	191	4	107	30	74	3	29	22	36	5
Volta	Agotime-Ziope	270	76	174	21	0.7	1.7	1.2	16	4	8	4	71	14	56	1	28	7	21	1	26	18	32	6
Volta	Akatsi North	395	106	257	32	1.0	2.3	1.7	21	5	13	4	86	15	68	3	31	7	22	2	22	15	26	10
Volta	Akatsi South	968	263	628	78	0.7	1.7	1.2	52	11	28	12	548	124	400	24	387	91	277	19	57	47	64	31
Volta	Anloga	901	257	575	69	0.8	1.9	1.3	50	12	28	10	89	16	72	1	26	7	19	1	10	6	13	2
Volta	Central Tongu	877	242	563	72	1.0	2.6	1.8	44	11	25	8	544	131	392	21	440	108	316	16	62	54	70	28
Volta	Ho	3,169	1,060	1,882	227	1.3	2.6	1.9	140	38	83	18	2,305	700	1,471	134	2,345	698	1,499	148	73	66	78	59
Volta	Ho West	1,011	330	600	82	0.8	1.7	1.3	54	13	29	12	267	66	197	4	105	31	72	2	26	20	33	4
Volta	Hohoe	2,709	908	1,581	219	1.2	2.5	1.9	131	35	75	21	1,484	426	975	84	1,019	304	643	72	55	47	62	38
Volta	Keta	882	262	551	68	1.0	2.1	1.6	36	8	20	7	720	204	479	37	940	254	648	38	82	78	87	54
Volta	Ketu North	1,230	339	792	99	0.9	2.1	1.5	62	15	35	13	713	165	517	32	514	123	366	26	58	49	65	32
Volta	Ketu South	2,552	714	1,625	213	1.1	2.6	1.9	113	27	63	22	1,980	506	1,341	133	2,258	556	1,550	152	78	71	83	62
Volta	Kpando	844	261	519	65	1.1	2.5	1.8	38	10	22	6	590	164	396	30	560	155	377	28	70	63	76	46
Volta	North Dayi	472	145	289	39	0.9	2.0	1.5	23	6	13	5	254	68	181	5	170	48	119	3	54	47	63	13
Volta	North Tongu	1,312	408	792	113	1.1	2.4	1.7	62	15	36	11	936	274	626	35	982	283	671	28	71	67	79	32
Volta	South Dayi	794	246	478	70	1.3	2.9	2.1	36	9	21	6	541	156	365	20	515	148	351	15	68	63	76	28
Volta	South Tongu	1,185	343	733	109	1.1	2.3	1.7	58	13	32	12	846	226	576	43	866	228	601	37	71	66	79	39
Western	Ahanta West	1,650	445	1,062	143	1.0	2.5	1.8	86	20	50	16	853	190	623	40	550	131	388	31	52	43	59	28
Western	Effia-Kwesimintsim	3,103	885	2,001	216	0.8	1.9	1.4	165	42	96	27	1,686	400	1,230	56	1,161	290	829	42	54	45	61	26
Western	Ellembelle	1,773	453	1,177	143	1.2	3.4	2.3	74	18	44	12	1,414	341	1,007	65	1,773	413	1,300	60	80	75	86	46
Western	Jomoro	1,944	588	1,185	171	0.9	2.0	1.5	101	24	56	21	1,252	339	859	54	1,103	297	763	43	64	58	73	32
Western	Mpohor	483	149	293	41	0.8	1.8	1.3	28	7	15	6	107	24	82	2	40	11	28	1	22	16	28	5
Western	Nzema East	703	189	456	58	0.7	1.9	1.3	37	8	19	9	475	113	343	19	442	103	324	15	68	60	75	33

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				ART COVERAGE (%)						
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All	Adults	Children (0-14)	All Ages	Adults (15+)	All	Children (0-14)	All Ages	Adults (15+)	Childh (0-14)	All Ages	Adults (15+)	Childn (0-14)	All Ages	Adults (15+)	Childn (0-14)	All		
Western Valley	Prestea-Huni Valley	Total	M	F	All	M	F	Total	M	F	Total	M	F	All	Total	M	F	All	Total	M	F	All		
Western	Sekondi-Takoradi	6,193	2,292	3,418	483	1.4	2.4	1.9	278	74	167	37	4,442	1,546	2,697	198	4,649	1,583	2,890	176	72	67	79	41
Western	Shama	874	241	556	77	0.8	1.7	1.2	47	10	26	12	561	137	398	25	484	118	346	21	64	57	72	33
Western	Tarkwa-Nsuaem	1,841	528	1,170	143	1.2	3.3	2.2	73	20	39	13	1,530	418	1,034	78	2,106	546	1,480	80	83	79	88	55
Western	Wassa Amenfi Central	788	231	492	66	0.7	2.0	1.3	46	12	24	10	191	40	148	3	75	19	54	2	24	17	30	4
Western	Wassa Amenfi East	1,147	315	739	93	0.9	2.4	1.6	58	15	31	13	784	190	557	37	729	174	524	32	68	60	75	39
Western	Wassa Amenfi West	1,465	393	956	116	0.9	2.8	1.8	72	19	39	14	986	233	709	44	890	209	643	38	67	59	74	38
Western	Wassa East	1,252	363	780	109	1.1	2.6	1.8	65	17	36	13	504	116	379	9	260	67	187	6	40	32	49	8
Western	Aowin	2,013	563	1,288	161	1.0	2.8	1.9	104	28	59	17	884	194	658	32	488	118	347	23	44	35	51	20
Western	Bia East	299	91	182	26	0.8	1.2	1.9	5	10	4	23	4	18	1	7	2	5	0	8	5	10	2	
Western	Bia West	1,409	414	873	122	1.0	2.5	1.8	73	19	41	14	828	212	579	37	635	167	439	29	59	51	66	30
Western	Bitim-Ahawaso-Bekwai	1,912	499	1,259	154	1.0	2.5	1.8	94	22	55	17	1,307	305	948	53	1,229	283	902	44	68	61	75	35
Western	Bodi	556	165	341	50	0.7	1.7	1.2	32	7	16	8	348	91	240	17	288	76	198	14	63	55	70	34
Western	Juaboso	1,082	312	676	94	1.2	3.0	2.1	52	13	29	9	732	199	521	12	721	193	519	8	68	64	77	13
Western	Sefwi-Akontoombra	809	247	494	69	0.7	1.6	1.1	50	12	25	13	102	21	79	2	33	9	23	1	13	9	16	2
Western	Sefwi-Wiawso	2,305	601	1,516	187	1.0	2.7	1.9	109	26	63	19	1,653	390	1,183	80	1,664	384	1,208	72	72	65	78	43
Western	Suaman	234	69	146	19	0.7	1.8	1.3	14	3	8	3	100	24	74	2	57	15	40	2	43	34	50	13

6.6 Sub-national Projections for 2021 (District Level)

Table 32: District Projections for 2021

Region	District	People Living with HIV			Estimated HIV Prevalence (%)			Estimated New HIV Infections			Number on ART (Residents)			Number on ART (Attending)			ART Coverage (%)															
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Adults (15+)	Children (0-14)	All Ages	Adults (15+)	Children (0-14)	Total	M	F	Total	M	F	Total	M	F	Total	M	F	All Ages	Adults (15+)	Children (0-14)						
		Total	M	F	All	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	All						
Ahafo	Asunato North	1,872	554	1,164	154	1.1	2.5	1.8	78	19	45	14	854	249	586	18	429	135	282	11	55.8	57.5	60.1	73.2	76.3	76.9	33.7					
Ahafo	Asunato South	1,531	433	975	123	1.1	2.8	1.9	68	18	39	11	385	112	267	6	154	50	101	3	45.7	45.8	49.9	9.3	14.9	14.9	9.3					
Ahafo	Asutifi North	842	246	535	62	1.1	2.7	1.8	38	10	22	5	385	12	23	5	1,045	288	705	52	1,177	321	802	54	86.4	86.9	88.7	62.2				
Ahafo	Asutifi South	1,210	331	795	84	1.3	4.0	2.5	40	12	39	5	85	9	20	8	842	272	546	24	904	292	595	17	81.7	86.1	86.6	28.7				
Ahafo	Tano North	1,030	316	630	85	0.9	2.0	1.5	39	9	22	8	164	1.8	4.4	3.1	81	21	52	9	1,248	344	870	34	708	214	473	21	61.7	64.3	65.8	20.5
Ashanti	Tano South	2,021	535	1,322	164	1.8	4.4	3.1	81	21	52	9	1,248	344	870	34	708	214	473	21	61.7	64.3	65.8	20.5	61.7	64.3	65.8	20.5				
Ashanti	Adansi Akrofuo	721	204	459	58	0.7	1.7	1.2	36	9	19	8	268	76	189	3	91	29	60	2	37.2	37.2	41.1	5.9	5.9	5.9	5.9	5.9	5.9			
Ashanti	Adansi Asokwa	602	185	368	50	0.7	1.6	1.1	31	7	17	7	67	20	46	1	15	5	9	1	11.1	10.6	12.4	2.9	2.9	2.9	2.9	2.9	2.9			
Ashanti	Adansi North	635	180	406	48	1.1	2.7	1.9	25	6	15	4	482	143	328	11	416	127	282	7	75.9	79.5	80.7	22.3	22.3	22.3	22.3	22.3	22.3			
Ashanti	Adansi South	410	115	264	31	0.6	1.9	1.2	16	4	7	4	351	100	232	19	388	108	260	19	85.6	86.6	88.0	61.2	61.2	61.2	61.2	61.2	61.2			
Ashanti	Afigya Kwabre North	609	173	386	50	1.1	2.6	1.9	25	6	15	4	445	129	298	19	336	99	222	14	73.1	74.5	77.1	37.0	37.0	37.0	37.0	37.0	37.0			
Ashanti	Afigya Kwabre South	1,654	452	1,075	127	1.1	2.9	2.0	59	15	34	10	1,400	392	945	62	1,555	436	1,065	54	84.6	86.8	87.9	49.0	49.0	49.0	49.0	49.0	49.0			
Ashanti	Ahafo Aso North	1,187	361	734	92	0.9	2.2	1.5	52	14	28	10	834	264	549	21	609	201	395	14	70.3	73.2	74.8	23.0	23.0	23.0	23.0	23.0	23.0			
Ashanti	Ahafo Aso South East	612	190	371	51	0.8	1.8	1.3	27	6	14	6	454	144	290	20	355	115	226	15	74.2	76.0	78.2	37.9	37.9	37.9	37.9	37.9	37.9			
Ashanti	Ahafo Aso South West	998	280	642	77	1.0	3.0	2.0	38	10	21	7	745	215	507	23	590	176	398	16	74.6	76.9	79.0	29.7	29.7	29.7	29.7	29.7	29.7			
Ashanti	Amansie Central	759	227	471	62	0.6	1.5	1.1	39	9	20	10	282	85	194	4	95	32	61	2	37.2	37.4	41.2	5.8	5.8	5.8	5.8	5.8	5.8			
Ashanti	Amansie South	733	197	480	57	0.8	2.2	1.5	27	7	14	6	639	175	431	34	772	209	530	34	87.2	88.8	89.8	59.5	59.5	59.5	59.5	59.5	59.5			
Ashanti	Amansie West	770	250	458	63	0.8	1.8	1.3	41	11	22	8	205	67	135	3	60	22	36	2	26.7	26.8	29.5	5.3	5.3	5.3	5.3	5.3	5.3			
Ashanti	Asante Akim Central	976	287	612	77	1.0	2.2	1.6	40	10	24	7	748	228	492	28	651	205	426	20	76.6	79.6	80.3	35.7	35.7	35.7	35.7	35.7	35.7			
Ashanti	Asante Akim North	1,054	315	652	86	1.1	2.5	1.8	35	8	19	7	941	288	597	57	1,231	371	798	62	89.3	91.3	91.5	65.6	65.6	65.6	65.6	65.6	65.6			
Ashanti	Asante Akim South	1,455	439	900	116	0.9	2.2	1.5	61	15	34	12	976	306	639	31	633	210	403	21	67.1	69.7	71.0	26.6	26.6	26.6	26.6	26.6	26.6			

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)							
		All Ages		Adults (15+)		Children (0-14)		Adults (15-49)		All Ages		Adults (15+)		Children (0-14)		All Ages		Adults (15+)		Children (0-14)		All Ages		Adults (15+)		Children (0-14)			
		Total	M	F	All	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	
Ashanti	Asokwa	3,204	818	2,171	214	13	3.6	2.4	95	25	58	12	2,899	748	2,009	142	3,898	979	2,763	156	90.5	91.4	92.5	66.4					
Ashanti	Atwima Kwanwoma	1,093	327	678	88	0.9	2.0	1.4	48	12	27	9	774	244	517	13	591	192	392	8	70.8	74.5	76.3	14.5					
Ashanti	Atwima Mponua	1,754	501	1,119	134	10	2.8	1.8	76	21	41	13	1,045	301	713	31	554	171	363	20	59.6	60.1	63.7	22.9					
Ashanti	Atwima Nwabiagya	1,578	435	1,027	116	1.2	3.0	2.1	58	15	35	8	1,283	364	870	49	1,263	364	860	39	81.3	83.5	84.7	42.6					
Ashanti	Atwima Nwabiagya North	1,016	282	659	75	1.1	2.7	1.9	45	12	27	6	593	169	416	8	317	97	215	5	58.3	59.7	63.1	11.0					
Ashanti	Bekwai	1,757	500	1,112	145	1.1	2.5	1.8	60	14	35	12	1,515	442	989	83	1,767	512	1,174	80	86.2	88.5	89.0	57.2					
Ashanti	Bosomtwe	560	159	356	44	0.7	1.6	1.1	27	6	14	6	256	73	179	4	102	32	67	2	45.7	45.9	50.1	9.6					
Ashanti	Bosomtwe Freho	1,452	398	941	112	1.1	2.6	1.9	55	13	32	9	1,162	331	795	36	1,133	327	781	25	80.1	83.2	84.5	31.9					
Ashanti	Ejisu	1,791	488	1,167	136	1.3	3.1	2.2	69	17	42	9	1,375	384	938	53	1,169	335	793	41	76.8	78.7	80.4	39.3					
Ashanti	Ejura-Sekyedumase	1,093	324	681	88	0.9	2.2	1.5	47	12	26	9	836	259	551	26	744	236	490	18	76.5	79.9	80.9	29.8					
Ashanti	Juaben	839	224	550	65	1.2	3.1	2.1	29	7	17	5	704	192	478	34	739	202	506	31	83.9	85.5	86.9	53.1					
Ashanti	Kumasi	13,261	4,203	916	1,2	2.5	1.9	457	120	280	58	11,585	3,691	7,198	696	13,562	4,238	8,410	914	87.4	87.8	88.4	76.0						
Ashanti	Kwabre East	1,518	394	1,013	111	0.8	2.2	1.5	68	17	40	11	1,015	270	726	19	677	188	478	11	66.9	68.6	71.7	16.7					
Ashanti	Kwadaso	6,464	1,882	443	1.7	3.8	2.8	266	73	172	21	3,986	1,190	2,731	65	2,281	732	1,510	39	61.7	63.2	66.0	14.7						
Ashanti	Obuasi	1,958	512	1,318	128	1.2	3.3	2.2	68	18	42	8	1,589	422	1,109	58	1,511	408	1,056	47	81.2	82.5	84.1	45.3					
Ashanti	Obuasi East	1,501	458	933	110	1.3	2.9	2.1	53	14	33	7	1,242	389	795	58	1,267	400	815	52	82.7	84.7	85.3	52.7					
Ashanti	Offinso	1,420	377	927	116	1.2	3.2	2.3	43	10	25	8	1,290	349	863	78	1,809	474	1,247	88	90.9	92.5	93.1	67.5					
Ashanti	Offinso North	827	224	535	68	1.0	2.7	1.8	33	8	19	7	645	180	440	25	584	166	400	18	78.1	80.7	82.3	36.1					
Ashanti	Oforikrom	4,212	1,395	2,532	286	0.9	2.0	1.4	177	48	104	24	3,234	1,113	2,059	61	2,935	1,024	1,872	39	76.8	79.8	81.3	21.5					
Ashanti	Old Tafo	2,803	797	1,810	197	1.2	2.9	2.1	100	26	61	12	2,346	684	1,579	83	2,549	742	1,742	66	83.7	85.8	87.2	42.2					
Ashanti	Sekyere Afram Plains	278	98	155	26	0.8	1.8	1.2	15	4	7	4	88	32	55	2	29	12	16	1	31.7	32.6	35.4	6.2					
Ashanti	Sekyere Central	683	201	426	55	0.7	1.7	1.2	33	8	18	7	366	109	246	11	175	55	112	7	53.6	54.0	57.7	20.8					
Ashanti	Sekyere East	828	265	490	73	1.1	2.1	1.6	36	8	21	6	567	194	364	10	414	147	261	6	68.5	73.0	74.1	14.0					
Ashanti	Sekyere Kumawu	696	185	456	56	0.8	1.9	1.4	34	8	20	7	291	77	210	4	108	32	74	2	41.8	41.5	46.1	7.1					
Ashanti	Sekyere South	1,275	361	811	103	1.0	2.3	1.7	50	11	29	9	1,032	303	689	40	1,043	308	704	31	80.9	83.9	84.9	38.8					
Ashanti	Suame	2,800	778	1,827	195	1.1	2.6	1.9	115	30	71	14	2,037	567	1,398	72	1,508	430	1,025	53	72.8	73.0	76.5	36.8					

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)			ESTIMATED NEW HIV INFECTIONS			NUMBER ON ART (RESIDENTS)			NUMBER ON ART (ATTENDING)			ART COVERAGE (%)						
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Adults (15+)	Children (0-14)	All Ages	Adults (15+)	Childen (0-14)	All Ages	Adults (15+)	Childen (0-14)	All Ages	Adults (15+)	Childen (0-14)	All Ages	Adults (15+)	Childen (0-14)				
Bono	Banda	290	85	184	22	0.9	2.7	1.7	12	4	7	2	191	56	127	8	118	36	76	6	65.9	65.7	69.5	35.8
Bono	Berekum	2,379	605	1,596	177	1.6	4.0	2.9	68	16	43	8	2,190	562	1,494	133	3,150	780	2,198	172	92.1	92.9	93.6	75.3
Bono	Berekum West	497	126	335	37	0.9	2.3	1.6	24	5	15	3	189	46	141	3	66	18	46	1	38.1	36.8	41.9	7.3
Bono	Dormaa East	1,416	393	910	113	1.9	4.6	3.3	52	14	33	5	955	275	655	25	619	189	414	16	67.5	69.9	72.0	22.5
Bono	Dormaa Municipal	2,174	606	1,410	159	1.3	3.1	2.2	82	21	50	10	1,654	478	1,137	40	1,407	418	963	26	76.1	78.8	80.6	24.9
Bono	Dormaa West	844	266	512	66	1.2	3.0	2.0	32	9	17	5	666	214	419	32	593	195	370	28	78.9	80.6	81.9	49.0
Bono	Jaman North	1,421	370	945	105	1.1	3.0	2.1	59	15	36	7	1,069	286	752	31	898	246	630	21	75.2	77.3	79.5	29.4
Bono	Jaman South	2,107	512	1,438	158	1.4	3.9	2.7	78	19	50	9	1,659	406	1,171	81	1,452	362	1,017	73	78.7	79.3	81.5	51.5
Bono	Sunyani Municipal	3,283	832	2,242	209	1.3	4.2	2.7	92	26	56	10	3,071	782	2,125	164	4,707	1,145	3,339	222	93.6	94.0	94.8	78.5
Bono	Sunyani West	1,391	404	884	103	1.1	2.6	1.8	62	16	37	8	786	232	540	14	403	128	267	8	56.5	57.4	61.1	13.4
Bono	Tain	1,583	467	994	122	1.2	3.1	2.2	65	18	38	9	1,121	330	727	64	784	237	490	58	70.8	70.6	73.1	52.4
Bono	Wenchi	1,952	542	1,256	154	1.4	3.7	2.6	64	17	38	9	1,690	477	1,117	96	1,945	546	1,299	100	86.6	88.0	88.9	62.3
Bono East	Atebulbu-Amantin	1,324	380	832	112	0.9	2.2	1.5	55	13	30	12	1,081	318	703	60	1,089	321	712	55	81.7	83.6	84.6	53.4
Bono East	Kintampo North	1,664	415	1,118	131	1.1	3.1	2.1	59	14	35	10	1,445	365	989	91	1,669	421	1,142	106	86.8	87.9	88.5	69.3
Bono East	Kintampo South	1,217	353	768	96	1.0	2.7	1.8	50	14	28	9	841	251	562	28	574	180	374	20	69.1	70.9	73.1	29.7
Bono East	Nkoranza North	796	250	481	65	0.9	2.0	1.5	37	9	21	7	358	116	233	9	143	51	86	6	45.0	46.3	48.5	14.3
Bono East	Nkoranza South	1,685	425	1,133	128	1.0	2.9	2.0	63	15	37	11	1,355	355	959	41	1,322	355	938	29	80.4	83.6	84.6	32.1
Bono East	Pru	1,093	310	691	92	1.1	2.6	1.8	46	11	27	8	826	248	555	23	728	228	485	15	75.5	80.1	80.2	24.9
Bono East	Pru West	586	169	364	53	0.8	1.9	1.3	26	6	13	6	470	139	304	27	449	134	291	24	80.2	82.4	83.6	50.0
Bono East	Sene East	585	198	331	56	0.8	1.6	1.2	29	7	15	8	347	124	210	13	196	75	113	9	59.3	62.5	63.3	23.6
Bono East	Sene West	610	155	408	48	0.7	2.0	1.3	26	6	14	6	485	126	338	21	451	120	314	17	79.4	81.5	82.8	43.6
Bono East	Techiman Municipal	3,830	870	2,675	285	1.4	4.4	3.0	91	22	55	14	3,651	838	2,586	227	6,202	1,348	4,534	320	95.3	96.3	96.7	79.9
Bono East	Techiman North	968	307	585	76	1.2	2.5	1.9	42	11	26	6	585	196	376	12	336	122	207	7	60.4	64.0	64.3	15.5
Central	Abura-Asebu-Kwamankese	1,417	377	932	107	0.9	2.3	1.6	64	15	38	11	725	197	518	11	323	97	220	6	51.2	52.2	55.5	9.9
Central	Agona East	705	209	438	58	0.7	1.5	1.1	37	8	20	9	112	33	78	1	26	9	16	1	15.8	15.5	17.7	2.5
Central	Agona West	1,249	311	849	89	0.7	1.9	1.3	44	10	24	10	1,103	277	765	61	1,346	330	948	69	88.3	89.0	90.2	67.9
Central	Alumako-Enyan-Essiam	1,437	401	915	122	0.8	1.9	1.4	70	15	40	14	276	75	198	3	66	21	43	2	19.2	18.6	21.7	2.8

Region	District	PEOPLE LIVING WITH HIV		ESTIMATED HIV PREVALENCE (%)		ESTIMATED NEW HIV INFECTIONS		NUMBER ON ART (RESIDENTS)		NUMBER ON ART (ATTENDING)		ART COVERAGE (%)												
		All Ages	Adults (15+)	Child (0-14)	Adults (15-49)	All Ages	Adults (15+)	Child (0-14)	All Ages	Adults (15+)	Child (0-14)	All Ages	Adults (15+)											
Central	Asikuma-Odoben-Brakwa	1,072	301	683	88	0.6	1.5	1.1	45	10	22	13	887	253	580	55	894	254	582	58	82.8	84.0	84.9	62.4
Central	Assin Foso	1,045	267	701	77	0.9	2.5	1.7	34	8	19	7	949	245	647	56	1,291	323	898	70	90.8	91.6	92.4	73.3
Central	Assin North	496	159	295	42	0.6	1.3	1.0	27	6	14	7	70	22	47	1	16	6	10	1	14.1	13.9	15.9	2.3
Central	Assin South	960	276	607	78	0.7	1.7	1.2	44	10	23	11	661	194	443	24	445	134	293	17	68.8	70.3	73.1	30.7
Central	Awutu Senya	658	184	421	53	0.6	1.4	1.0	36	8	19	9	153	41	110	2	41	13	27	1	23.3	22.2	26.2	3.7
Central	Awutu Senya East	1,216	325	805	86	0.7	1.9	1.3	55	14	31	10	806	217	561	27	509	144	346	19	66.3	66.8	69.7	31.9
Central	Cape Coast	2,401	699	1,555	147	0.8	2.2	1.5	91	25	54	12	2,134	624	1,402	108	2,726	775	1,817	134	88.9	89.3	90.2	73.4
Central	Efutu	858	259	539	59	0.9	2.0	1.4	32	8	18	6	739	230	484	26	902	275	606	21	86.2	88.5	89.7	43.8
Central	Ekumfi	332	88	217	27	0.5	1.2	0.9	18	3	9	5	173	46	124	3	80	23	55	2	52.0	52.5	57.0	11.4
Central	Gomoa Central	1,294	361	837	96	0.6	1.6	1.1	68	17	37	14	188	49	138	2	44	14	29	1	14.6	13.5	16.5	2.1
Central	Gomoa East	675	173	449	54	0.7	1.8	1.3	26	5	14	7	590	154	405	32	730	186	511	32	87.5	89.1	90.2	59.7
Central	Gomoa West	1,559	374	1,062	122	0.8	2.2	1.6	73	16	44	14	745	177	556	13	308	81	220	7	47.8	47.3	52.3	10.4
Central	Komenda-Edna-Egualo-Abirem	1,985	554	1,283	148	1.0	2.6	1.8	85	22	49	14	1,295	365	884	46	792	235	525	33	65.2	65.8	68.9	31.3
Central	Mfantseman	2,556	636	1,727	192	1.2	3.1	2.2	109	25	70	13	1,641	425	1,177	39	1,009	279	706	25	64.2	66.8	68.2	20.3
Central	Twifo-Ati-Mokwa	872	223	585	64	0.9	2.7	1.8	33	8	18	6	720	189	504	27	741	197	523	21	82.6	84.9	86.1	41.9
Central	Twifo-Hemang	553	167	342	44	0.8	1.8	1.3	28	7	15	5	143	42	99	2	40	13	25	1	25.8	25.2	28.9	4.1
Central	Upper Denkyira East	1,328	363	874	92	1.2	3.3	2.2	49	14	29	6	1,020	290	714	15	895	261	625	9	76.8	80.1	81.8	16.7
Central	Upper Denkyira West	554	173	338	43	0.7	1.7	1.2	29	8	15	6	63	18	44	1	14	5	9	0	11.3	10.6	12.9	2.0
Eastern	Abuakwa North	1,569	496	958	115	1.3	2.6	1.9	66	17	41	8	991	325	638	28	591	206	367	19	63.2	65.5	66.6	24.5
Eastern	Achiasi	884	252	561	71	0.9	2.0	1.5	36	8	20	8	658	192	439	27	512	152	339	21	74.5	76.2	78.3	38.3
Eastern	Afram Plains South	1,281	405	776	100	0.7	2.0	1.3	64	18	32	14	235	71	163	2	57	20	36	1	18.4	17.4	20.9	2.4
Eastern	Akwapim North	1,101	328	689	84	1.1	2.3	1.7	37	9	21	7	975	293	622	60	1,204	353	779	72	88.5	89.5	90.2	70.8
Eastern	Akwapim South	563	163	358	42	1.0	2.4	1.7	22	6	13	4	424	125	283	16	334	101	221	13	75.3	76.6	78.9	39.2
Eastern	Akyemansua	1,220	358	761	101	0.9	2.1	1.5	49	12	27	11	925	278	607	40	747	228	488	31	75.8	77.6	79.8	39.9

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)			
		All Ages	Adults (15+)	Childn (0-14)	Adults (15-49)	All Ages	Adults (15+)	Childn (0-14)	Adults (15+)	All Ages	Adults (15+)	Childn (0-14)	Adults (15+)	All Ages	Adults (15+)	Childn (0-14)	Adults (15+)	All Ages	Adults (15+)	Childn (0-14)	Adults (15+)	All Ages	Adults (15+)	Childn (0-14)	
Eastern	Aseme Manso	952	262	614	76	0.9	2.1	1.5	39	9	22	8	723	203	489	31	583	166	392	24	75.9	77.4	79.6	41.0	
Eastern	Asuoyayaman	2,621	782	1,644	194	1.9	4.2	3.1	101	27	64	9	1,666	506	1,093	66	960	311	601	48	63.6	64.7	66.5	34.2	
Eastern	Atiwa East	918	273	574	71	1.3	3.1	2.2	32	9	19	5	740	225	478	37	691	214	443	34	80.7	82.5	83.3	52.2	
Eastern	Atiwa West	887	272	545	70	1.1	2.4	1.7	38	10	22	6	441	138	295	7	189	65	120	4	49.7	51.0	54.2	9.9	
Eastern	Ayensuano	912	282	557	73	0.9	2.0	1.4	43	11	24	8	91	26	64	1	19	7	12	1	10.0	9.4	11.5	1.4	
Eastern	Birim Central	1,155	294	783	79	1.0	2.7	1.8	37	9	22	6	1,036	265	713	59	1,332	332	926	74	89.7	90.3	91.1	74.4	
Eastern	Birim North	1,164	329	749	86	0.9	2.5	1.7	45	12	25	8	920	264	613	42	815	239	540	36	79.0	80.4	81.8	48.8	
Eastern	Birim South	640	183	409	49	0.9	2.3	1.6	26	6	15	5	455	132	303	21	322	97	209	16	71.1	72.1	74.1	42.4	
Eastern	Denkyembour	1,577	434	1,023	120	1.2	3.3	2.3	42	11	24	8	1,456	408	963	85	2,119	576	1,441	103	92.3	93.9	94.1	71.4	
Eastern	East Akim - Abuakwa South	1,302	377	833	92	1.1	2.8	1.9	50	13	29	7	1,002	291	661	49	818	242	531	45	76.9	77.4	79.3	53.6	
Eastern	Fanteakwa North	1,149	340	718	90	1.3	3.2	2.3	40	10	23	6	961	289	616	56	983	297	627	59	83.7	84.9	85.7	62.4	
Eastern	Fanteakwa South	819	242	515	62	1.2	2.8	2.0	31	8	18	5	610	184	402	24	466	144	304	18	74.4	75.9	78.1	38.5	
Eastern	Kwaebibirem	1,798	549	1,111	138	1.1	2.5	1.8	79	20	47	11	687	214	466	7	235	82	149	4	38.2	39.0	42.0	4.8	
Eastern	Kwahu East	865	245	554	66	0.8	2.0	1.4	41	10	23	8	255	70	182	3	73	23	48	2	29.5	28.4	33.0	4.3	
Eastern	Kwahu North	1,283	409	761	113	0.9	2.2	1.5	56	14	29	12	920	303	573	44	686	234	418	34	71.7	73.9	75.4	39.3	
Eastern	Kwahu South	1,094	313	694	87	1.1	2.6	1.9	39	9	23	7	917	267	598	52	958	279	627	52	83.8	85.3	86.2	59.4	
Eastern	Kwahu West	1,632	452	1,057	123	1.1	2.8	2.0	54	13	32	9	1,439	404	952	83	1,763	488	1,181	93	88.2	89.5	90.0	67.4	
Eastern	Lower-Manya Krobo	4,636	1,182	3,106	347	3.1	8.1	5.7	89	23	58	8	4,425	1,146	3,016	263	7,382	1,837	5,204	341	95.5	96.9	97.1	75.8	
Eastern	New Juaben North	1,264	446	721	97	1.7	2.9	2.3	47	12	29	5	972	359	580	33	851	325	502	24	76.9	80.6	80.5	34.1	
Eastern	New Juaben South	2,981	988	1,850	193	1.5	3.3	2.4	84	23	52	9	2,732	872	1,731	128	3,906	1,210	2,555	141	91.6	93.0	93.6	66.3	
Eastern	Nsawam-Adoagyiri	1,605	505	988	112	1.2	2.8	2.0	47	13	26	7	1,453	466	918	68	1,996	625	1,302	69	90.5	92.3	93.0	61.0	
Eastern	Okere	999	280	643	76	1.2	2.7	2.0	40	10	24	6	726	207	492	28	534	157	356	21	72.7	73.7	76.6	36.2	
Eastern	Suhum	1,966	586	1,229	150	1.5	3.4	2.5	65	17	39	8	1,635	502	1,061	72	1,687	525	1,100	62	83.2	85.6	86.4	47.9	
Eastern	Upper Manya-Krobo	2,094	607	1,325	162	1.9	5.0	3.4	71	20	43	7	1,636	477	1,061	98	1,353	404	849	100	78.1	78.6	80.1	60.8	
Eastern	Upper West Akim	1,063	294	689	80	0.8	2.1	1.5	49	12	28	9	326	86	236	4	95	29	64	2	30.7	29.3	34.2	5.0	
Eastern	West Akim	1,922	553	1,221	149	1.2	2.8	2.1	73	18	44	11	1,438	424	950	64	1,130	346	733	51	74.8	76.7	77.8	42.8	

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)						
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Adults (15+)	Children (0-14)	Adults (15+)	All Ages	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	All Ages	Adults (15+)	Children (0-14)	Adults (15+)	Children (0-14)
		Total	M	F	All	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	All	
Greater Accra	Korle-Klottey	3,360	1,208	1,946	206	1.8	3.4	2.6	91	27	56	8	3,045	1,114	1,804	126	4,107	1,471	2,507	129	90.6	92.3	92.7	61.4				
Greater Accra	Kpone-Katamanso	2,118	640	1,332	146	1.2	2.8	2.0	89	25	53	11	1,240	380	835	25	651	215	421	15	58.5	59.4	62.7	17.0				
Greater Accra	Krowor	1,747	516	1,122	109	1.0	2.4	1.7	81	23	49	8	228	61	164	2	51	17	33	1	13.0	11.9	14.6	1.9				
Greater Accra	La-Dade-Kotopon	3,640	1,178	2,228	235	1.2	2.6	1.9	129	36	79	14	2,857	948	1,818	92	2,510	857	1,584	70	78.5	80.4	81.6	39.1				
Greater Accra	La-Nkwantanang-Madina	2,734	792	1,774	168	1.4	3.4	2.4	88	26	54	9	2,364	702	1,594	68	2,825	833	1,940	52	86.5	88.7	89.9	40.2				
Greater Accra	Ledzokuku	2,489	844	1,471	174	1.4	2.6	2.0	87	24	52	11	2,005	698	1,230	77	1,895	672	1,161	62	80.5	82.7	83.6	44.0				
Greater Accra	Ningo Prampram	1,549	447	980	122	1.5	3.5	2.5	60	15	37	7	1,201	359	797	46	1,066	327	705	34	77.5	80.2	81.3	37.4				
Greater Accra	Okai Koi North	4,344	1,379	2,688	277	1.2	2.6	1.9	183	53	112	18	2,691	880	1,791	19	1,571	548	1,013	10	61.9	63.8	66.6	6.9				
Greater Accra	Shai-Osudoku	1,232	345	792	95	1.5	3.9	2.7	35	9	21	5	1,126	320	740	66	1,583	437	1,068	78	91.4	92.7	93.4	69.8				
Greater Accra	Tema	4,719	1,528	2,874	317	1.8	3.7	2.8	131	37	81	13	4,280	1,412	2,668	200	5,855	1,892	3,754	208	90.7	92.4	92.8	62.9				
Greater Accra	Tema West	2,401	727	1,528	146	1.1	2.7	1.9	92	27	56	10	1,738	537	1,164	37	1,282	412	845	24	72.4	73.9	76.2	25.5				
Greater Accra	Weija-Gbawe	2,787	772	1,831	185	0.8	2.2	1.5	97	26	54	18	2,401	674	1,626	100	2,743	763	1,888	92	86.1	87.4	88.8	54.3				
North East	Bunkpurugu -Nakpanduri	394	118	239	36	0.5	1.0	0.7	23	4	11	7	266	82	168	16	186	59	114	13	67.7	69.5	70.5	43.0				
North East	Chereponi	186	52	114	20	0.3	0.7	0.5	15	2	5	7	88	26	60	2	39	12	26	1	47.4	49.9	52.5	11.2				
North East	East Mamprusi	584	164	360	60	0.4	0.9	0.6	34	5	14	15	485	140	309	37	524	149	337	39	83.1	84.9	85.7	61.9				
North East	Mamprugu-Moagduri	146	44	88	14	0.2	0.5	0.4	12	2	4	6	44	14	30	1	14	5	9	1	30.3	31.0	33.8	6.6				
North East	West Mamprusi	679	186	429	65	0.4	1.0	0.7	38	7	16	15	524	151	355	17	500	145	343	11	77.1	81.5	82.8	26.2				

Region	District	PEOPLE LIVING WITH HIV						ESTIMATED HIV PREVALENCE (%)			ESTIMATED NEW HIV INFECTIONS			NUMBER ON ART (RESIDENTS)			NUMBER ON ART (ATTENDING)			ART COVERAGE (%)										
		All Ages		Adults (15+)		Children (0-14)		All Ages		Adults (15+)		Children (0-14)		All Ages		Adults (15+)		Children (0-14)		All Ages		Adults (15+)		Children (0-14)		All Ages		Adults (15+)		Children (0-14)
Total		M	F	All	M	F	Total	M	F	All	M	F	Total	M	F	All	Total	M	F	Total	M	F	All	Total	M	F	Total	M	F	All
North East	Yunyo-Nasuan	171	48	104	19	0.3	0.6	0.5	14	2	5	7	40	11	28	1	11	4	7	0	23.4	23.4	26.8	4.6						
Northern	Gushiegu	294	80	185	30	0.2	0.5	0.3	26	3	8	15	208	60	141	6	165	49	112	4	70.6	75.2	76.5	21.1						
Northern	Karaga	222	60	140	23	0.2	0.5	0.4	20	2	7	11	110	31	76	3	52	16	35	2	49.7	52.5	54.7	11.9						
Northern	Kpandai	552	176	319	58	0.4	0.9	0.7	34	6	14	14	393	135	245	13	320	113	198	8	71.0	76.5	76.8	22.4						
Northern	Kumbungu	100	30	60	10	0.2	0.4	0.3	9	1	3	5	59	18	38	2	34	11	21	1	58.5	61.5	63.7	18.5						
Northern	Mion	168	50	101	17	0.2	0.4	0.3	18	2	5	11	57	18	38	1	20	7	12	1	33.8	35.6	37.4	7.6						
Northern	Nanton	111	30	69	11	0.2	0.4	0.3	11	1	3	6	33	9	23	1	11	3	7	0	30.2	30.8	33.6	7.2						
Northern	Nanumba North	1,017	272	646	99	0.5	1.4	1.0	59	11	29	19	593	168	410	15	335	102	224	9	58.3	61.8	63.4	14.9						
Northern	Nanumba South	295	87	178	30	0.3	0.6	0.4	25	4	9	12	148	46	97	5	72	24	45	3	50.2	53.3	54.6	15.3						
Northern	Saboba	268	80	158	29	0.4	0.7	0.6	18	3	7	9	201	64	127	10	182	60	115	7	74.9	80.1	80.0	32.9						
Northern	Sagnarigu	254	87	146	20	0.1	0.3	0.2	27	4	8	15	39	13	25	1	10	4	6	0	15.2	15.1	16.9	3.3						
Northern	Savelugu	390	107	245	37	0.3	0.7	0.5	25	4	9	12	303	87	202	14	282	83	189	11	77.8	81.3	82.3	38.3						
Northern	Tamale	2,126	595	1,368	164	0.6	1.5	1.0	72	15	34	22	1,990	565	1,395	120	3,224	869	2,206	149	93.6	95.1	95.4	73.1						
Northern	Tatale-Sangule	381	110	235	36	0.5	1.1	0.8	22	4	11	7	233	71	155	7	143	46	92	5	61.2	64.7	66.0	20.3						
Northern	Tolon	124	37	74	12	0.1	0.3	0.2	15	1	4	9	48	15	32	1	18	6	11	1	38.8	39.9	42.9	9.6						
Northern	Yendi	502	139	318	45	0.3	0.8	0.5	32	5	12	14	381	110	256	16	337	99	226	11	76.0	79.1	80.5	34.7						
Northern	Zabzugu	218	66	128	24	0.3	0.6	0.4	15	2	5	8	178	57	111	10	200	65	126	8	81.9	86.8	86.6	42.8						
Oti	Biakoye	622	183	390	49	0.7	1.6	1.1	27	6	14	7	472	142	307	23	386	119	247	20	75.9	77.6	78.7	47.4						
Oti	Jasikan	766	227	480	59	0.9	2.1	1.5	30	7	17	6	585	178	382	26	483	151	311	21	76.4	78.3	79.5	44.2						
Oti	Kadjebi	637	193	394	50	0.8	1.7	1.2	25	6	13	6	512	159	327	26	480	151	306	23	80.4	82.4	83.0	51.7						
Oti	Krachi East	942	289	569	84	0.6	1.4	1.0	50	11	25	14	520	167	341	12	269	93	169	7	55.2	57.8	60.0	14.3						
Oti	Krachi Nchumuru	537	151	339	47	0.5	1.3	0.9	31	7	16	9	54	15	38	1	12	4	8	0	10.0	9.6	11.3	1.7						
Oti	Krachi West	641	177	411	53	0.9	2.3	1.6	25	6	13	6	535	151	355	29	563	160	377	27	83.4	85.3	86.4	54.4						
Oti	Nkwanta North	618	173	385	59	0.7	1.7	1.3	34	7	18	8	290	85	199	5	128	41	83	3	46.9	49.2	51.8	8.9						
Oti	Nkwanta South	1,192	379	695	117	0.8	1.7	1.3	53	11	28	14	908	308	562	38	818	286	504	28	76.2	81.1	80.8	32.9						
Savannah	Bole	813	196	554	63	0.8	2.5	1.6	31	7	17	7	692	171	490	31	783	193	563	27	85.1	87.1	88.5	49.6						
Savannah	Central Gonja	446	120	286	40	0.4	0.9	0.7	29	5	13	11	222	62	155	4	103	31	69	2	49.8	51.9	54.4	10.5						

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)								
		All Ages	Adults (15+)	Childn (0-14)	Adults (15-49)	All Ages	Adults (15+)	Childn (0-14)	Adults (15+)	All Ages	Adults (15+)	Childn (0-14)	Adults (15+)	All Ages	Adults (15+)	Childn (0-14)	Total	M	F	Total	M	F	Total	M	F	Total	M	F	All	Childn (0-14)
Savannah	North Gonja	193	53	120	19	0.3	0.8	0.6	14	2	6	91	27	62	2	41	13	26	1	471	50.0	51.4	12.0							
Savannah	North-East Gonja	109	33	67	10	0.3	0.6	0.5	8	1	3	4	38	12	25	1	13	4	8	1	345	35.9	37.8	8.6						
Savannah	Sawla-Tuna-Kalba	789	205	506	78	0.6	1.4	1.1	40	7	22	12	407	111	289	7	191	57	130	4	516	54.0	57.1	9.1						
Savannah	West Gonja	283	82	177	24	0.5	1.2	0.8	14	3	7	4	233	70	152	11	248	75	163	9	82.2	85.5	85.6	45.4						
Upper East	Bawku Municipal	642	192	395	54	0.5	1.1	0.8	27	5	13	9	571	173	357	42	734	215	463	56	89.0	89.9	90.3	76.5						
Upper East	Bawku West	577	169	351	56	0.5	1.1	0.8	28	5	13	10	468	144	302	22	497	154	326	17	81.2	85.3	85.9	39.4						
Upper East	Binduri	265	74	167	24	0.4	0.8	0.6	17	3	8	6	105	29	74	2	38	12	25	1	39.6	39.6	44.1	7.9						
Upper East	Bolgatanga East	339	100	214	24	0.8	2.0	1.4	17	4	10	3	114	33	79	2	36	12	24	1	33.6	32.8	37.0	6.6						
Upper East	Bolgatanga Municipal	1,327	341	889	97	0.8	2.1	1.4	40	9	22	9	1,245	323	847	75	1,996	491	1,405	100	93.8	94.8	95.3	77.0						
Upper East	Bongo	633	188	385	59	0.6	1.2	1.0	25	5	12	8	565	172	353	40	760	225	488	47	89.3	91.4	91.5	67.9						
Upper East	Buiisa North	523	167	313	44	0.7	1.5	1.1	21	5	11	5	449	147	276	26	520	169	325	27	85.8	87.9	88.2	60.1						
Upper East	Buiisa South	256	91	142	23	0.6	1.1	0.9	13	3	7	4	165	60	96	9	105	40	58	7	64.6	66.7	67.3	40.0						
Upper East	Garu	405	113	251	40	0.6	1.3	1.0	19	3	10	6	312	91	205	16	281	83	185	13	77.0	80.3	81.5	39.8						
Upper East	Kasena-Nankana	956	290	590	77	0.6	1.5	1.0	41	9	21	11	794	245	507	42	840	258	542	39	83.0	84.7	85.9	54.3						
Upper East	Kasena-Nankana West	651	196	406	49	0.7	1.6	1.1	30	7	16	6	482	147	312	23	381	119	242	20	74.1	75.2	76.8	47.7						
Upper East	Nabdam	362	133	195	34	1.0	1.7	1.3	14	3	7	3	311	117	170	25	356	132	193	32	86.0	87.6	87.0	73.4						
Upper East	Pusiga	281	78	176	26	0.4	0.9	0.7	16	3	7	6	195	55	128	12	138	40	87	10	69.4	70.6	72.3	46.1						
Upper East	Talensi	463	161	261	41	0.5	0.9	0.7	23	5	10	8	365	131	213	22	338	122	195	20	79.0	81.3	81.5	53.6						

Region	District	PEOPLE LIVING WITH HIV	ESTIMATED HIV PREVALENCE (%)						ESTIMATED NEW HIV INFECTIONS						NUMBER ON ART (RESIDENTS)						NUMBER ON ART (ATTENDING)						ART COVERAGE (%)							
			All Ages	Adults (15+)	Child (0-14)	Adults (15-49)	All Ages	Adults (15+)	Child (0-14)	All Ages	Adults (15+)	Child (0-14)	All Ages	Adults (15+)	Child (0-14)	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	All Ages	Adults (15+)	Child (0-14)	All Ages	Adults (15+)	Child (0-14)
Upper East	Tempaane	353	103	214	37	0.5	0.9	0.7	20	3	9	8	231	72	153	6	159	52	103	4	65.5	70.1	71.7	16.5										
Upper West	Daffiana-Bussie-Issa	283	82	176	25	0.7	1.5	1.1	14	3	8	3	172	52	116	4	101	32	66	3	60.9	63.3	65.8	18.0										
Upper West	Jirapa	521	166	305	51	0.5	1.0	0.8	24	4	12	9	434	144	265	25	483	160	300	23	83.3	86.8	87.0	50.0										
Upper West	Lambussie	241	70	150	22	0.4	0.8	0.6	15	3	7	5	124	37	84	4	59	19	38	2	51.6	52.7	56.0	17.1										
Upper West	Lawra	532	181	302	49	0.9	1.5	1.2	20	4	11	5	457	161	267	29	537	188	319	29	85.8	88.7	88.4	59.2										
Upper West	Nadowli-Kaleo	444	118	291	35	0.5	1.3	0.9	21	4	11	5	327	90	229	8	269	76	188	5	73.6	76.5	78.7	21.4										
Upper West	Nandom	494	161	294	39	0.8	1.7	1.3	19	4	10	4	414	139	254	21	445	150	276	20	83.8	86.3	86.5	53.6										
Upper West	Sissala East	435	113	286	35	0.5	1.4	1.0	21	4	11	6	318	86	224	8	258	72	180	5	73.2	76.2	78.1	23.0										
Upper West	Sissala West	347	91	225	30	0.5	1.3	0.9	19	4	10	5	216	57	148	11	127	35	83	8	62.1	62.2	65.6	36.1										
Upper West	Wa East	554	161	343	51	0.6	1.5	1.0	29	6	15	8	278	82	188	8	126	40	80	5	50.2	51.3	54.8	15.3										
Upper West	Wa Municipal	1,431	363	967	101	0.7	2.3	1.5	45	11	25	9	1,349	346	925	79	2,233	539	1,587	107	94.2	95.1	95.6	78.0										
Upper West	Wa West	505	145	315	46	0.5	1.1	0.8	27	5	14	8	243	71	166	6	105	34	68	4	48.2	49.0	52.8	13.7										
Volta	Adaklu	515	156	323	36	0.9	2.3	1.6	24	7	14	3	172	51	117	4	55	19	34	2	33.4	32.8	36.2	10.2										
Volta	Afadjato South	884	274	543	67	0.7	1.5	1.1	42	10	22	10	411	130	276	5	165	57	104	3	46.5	47.3	50.8	8.1										
Volta	Agortime-Zlope	275	77	178	20	0.6	1.7	1.1	14	3	7	3	117	32	83	2	44	13	29	1	42.6	41.5	46.8	9.5										
Volta	Akatsi North	402	108	264	30	0.9	2.3	1.6	18	4	11	3	148	38	105	4	49	14	32	3	36.7	35.1	39.9	14.1										
Volta	Akatsi South	980	266	641	73	0.7	1.6	1.2	43	10	24	9	713	196	487	29	532	151	358	23	72.8	73.8	76.0	40.3										
Volta	Anloga	916	261	590	65	0.7	1.8	1.3	44	11	25	8	177	47	128	2	42	13	28	1	19.3	18.1	21.7	2.8										
Volta	Central Tongu	888	245	575	68	1.0	2.6	1.8	35	9	21	6	683	194	463	26	588	172	397	19	76.9	78.9	80.7	37.5										
Volta	Ho	3,190	1,057	1,918	214	1.2	2.5	1.9	109	30	65	14	2,723	913	1,663	147	2,940	987	1,785	168	85.4	86.4	86.7	68.4										
Volta	Ho West	1,023	331	615	77	0.8	1.7	1.3	46	12	25	9	443	146	292	5	165	61	102	3	43.3	44.1	47.4	6.5										

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)			ESTIMATED NEW HIV INFECTIONS			NUMBER ON ART (RESIDENTS)			NUMBER ON ART (ATTENDING)			ART COVERAGE (%)						
		All Ages	Adults (15+)	Childn (0-14)	Adults (15-49)	All Ages	(15+)	Adults (15+)	Childn (0-14)	All Ages	(15+)	Adults (15+)	Childn (0-14)	All Ages	(15+)	Adults (15+)	Childn (0-14)	All Ages	(15+)	Adults (15+)	Childn (0-14)			
Volta	Hohoe	2,737	910	1,622	206	1.2	2.5	1.8	108	29	63	16	1,974	670	1,205	99	1,430	504	841	85	72.1	73.6	74.3	48.0
Volta	Keta	881	261	556	64	0.9	2.1	1.5	27	6	15	6	795	240	514	41	1,068	315	710	43	90.2	91.9	92.4	63.6
Volta	Ketu North	1,243	343	808	93	0.8	2.1	1.4	51	12	29	10	919	256	624	39	703	203	469	31	73.9	74.9	77.2	41.8
Volta	Ketu South	2,559	717	1,641	201	1.0	2.6	1.8	87	21	49	17	2,251	637	1,472	142	2,699	754	1,775	171	88.0	88.9	89.7	71.0
Volta	Kpando	850	262	527	61	1.1	2.5	1.8	30	8	17	5	706	221	450	34	713	226	454	33	83.1	84.6	85.4	56.5
Volta	North Dayi	476	145	295	36	0.9	2.0	1.4	19	5	11	4	335	107	221	7	238	79	154	4	70.3	73.5	75.1	18.1
Volta	North Tongu	1,325	410	810	105	1.1	2.4	1.7	49	12	28	8	1,107	357	707	43	1,228	399	794	34	83.5	87.0	87.3	41.1
Volta	South Dayi	800	247	488	65	1.3	2.8	2.0	29	7	17	5	650	210	416	24	657	215	423	19	81.3	84.8	85.4	37.5
Volta	South Tongu	1,195	346	748	102	1.0	2.3	1.7	45	10	26	9	998	298	650	50	1,081	325	713	44	83.5	86.2	86.9	49.3
Western	Ahanta West	1,673	451	1,088	134	1.0	2.5	1.8	71	17	42	12	1,151	318	783	50	778	227	514	38	68.8	70.4	72.0	37.4
Western	Effia-Kwesimintsim	3,147	895	2,046	206	0.8	1.9	1.3	136	35	81	20	2,245	650	1,524	72	1,631	494	1,085	52	71.3	72.6	74.5	34.8
Western	Ellembelle	1,779	457	1,188	134	1.2	3.3	2.2	57	14	34	9	1,579	416	1,088	75	2,055	535	1,449	71	88.8	91.0	91.6	56.1
Western	Jomoro	1,965	592	1,213	160	0.9	2.0	1.4	81	19	45	16	1,552	482	1,003	66	1,454	457	945	52	79.0	81.5	82.7	41.1
Western	Mpohor	490	151	302	38	0.7	1.7	1.2	24	6	13	5	185	57	126	3	63	22	40	1	377	37.5	41.7	6.7
Western	Nzema East	709	191	464	55	0.7	1.9	1.3	29	7	16	7	574	158	393	23	568	156	393	19	81.0	82.9	84.7	42.5
Western	Prestea-Huni Valley	2,434	699	1,551	184	0.9	2.4	1.7	105	28	59	18	1,651	489	1,123	39	1,113	345	743	25	67.8	70.0	72.4	21.4
Western	Sekondi-Takoradi	6,244	2,277	3,514	453	1.3	2.4	1.9	217	58	130	28	5,279	1,984	3,063	232	5,853	2,200	3,445	208	84.5	87.1	87.2	51.2
Western	Shama	885	244	569	72	0.7	1.6	1.2	38	8	21	9	694	197	467	31	637	182	430	25	78.4	80.7	82.0	42.3
Western	Tarkwa-Nsuaem	1,835	528	1,172	135	1.1	3.2	2.1	55	15	30	10	1,671	490	1,095	87	2,359	671	1,594	93	91.1	92.7	93.4	64.4
Western	Wassa Amenfi Central	802	235	504	62	0.7	1.9	1.3	40	10	21	8	322	95	224	4	117	38	77	2	40.2	40.2	44.4	6.5
Western	Wassa Amenfi East	1,157	319	750	88	0.8	2.4	1.6	46	12	25	10	945	266	636	43	937	264	635	38	81.7	83.3	84.8	49.5
Western	Wassa Amenfi West	1,477	399	969	109	0.9	2.7	1.8	57	15	32	10	1,197	330	814	53	1,150	320	784	45	81.0	82.5	84.0	48.5
Western	Bia West	1,426	419	894	114	1.0	2.5	1.7	60	16	34	10	1,067	323	699	45	869	272	562	35	74.8	77.3	78.2	39.7
Western	Bibiani-Anhwiaso-Bekwai	1,931	505	1,281	145	0.9	2.5	1.7	75	18	44	13	1,574	423	1,086	65	1,574	426	1,095	53	81.5	83.7	84.8	44.7
Western	Bodi	563	167	350	47	0.7	1.7	1.2	26	6	13	6	431	130	281	20	367	112	239	16	76.6	78.1	80.3	42.8

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)										
		All Ages	Adults (15+)	Child (0-14)	Adults (15-49)	All Ages	Adults (15+)	Child (0-14)	Adults (15+)	All Ages	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	All Ages	Adults (15+)	Child (0-14)	All Ages	Adults (15+)	Child (0-14)	All Ages	Adults (15+)	Child (0-14)
Western North	Juboso	315	315	88	1.2	2.9	2.0	41	11	24	7	877	268	592	17	918	283	625	10	80.4	85.3	86.0	18.8									
Western North	Sefwi-Akontombra	823	251	65	0.6	1.6	1.1	43	11	22	10	197	59	136	2	54	19	34	1	24.0	23.6	26.7	3.6									
Western North	Sefwi-Wiaoso	2,323	608	176	1.0	2.7	1.9	86	21	50	15	1,949	522	1,334	94	2,084	559	1,439	86	83.9	85.8	86.7	53.4									
Western North	Suaman	238	70	151	18	0.7	1.8	12	3	7	2	145	44	98	3	84	27	55	2	60.7	62.5	64.8	18.4									

6.7 Sub-National Projections for 2022 (District Level)

Table 33: District Projections for 2022

Region	District	PEOPLE LIVING WITH HIV			ESTIMATED HIV PREVALENCE (%)			ESTIMATED NEW HIV INFECTIONS			NUMBER ON ART (RESIDENTS)			NUMBER ON ART (ATTENDING)			ART COVERAGE (%)									
		All Ages	Adults (15+)	Childn (0-14)	Adults (15-49)	All	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	All Ages	Adults (15+)	Childn (0-14)	Adults (15+)	Childn (0-14)	All Ages
Ahafo	Asunafo North	1,893	561	1,188	144	1.0	2.4	1.7	64	16	37	10	1,511	477	987	48	1,246	413	799	35	79.8	85.1	83.0	33.3	33.3	33.3
Ahafo	Asunafo South	1,551	441	994	116	1.0	2.8	1.9	58	15	34	8	1,015	311	688	17	555	178	347	10	65.5	70.5	69.1	14.5	14.5	14.5
Ahafo	Asutifi North	853	250	545	58	1.0	2.6	1.8	32	9	19	4	482	150	327	5	198	68	128	3	56.5	60.1	59.9	8.9	8.9	8.9
Ahafo	Asutifi South	1,214	336	798	80	1.3	3.8	2.4	32	10	18	4	1,094	310	736	48	1,262	356	856	50	90.1	92.3	92.1	60.9	60.9	60.9
Ahafo	Tano North	1,036	317	640	79	0.9	2.0	1.4	31	7	18	6	892	291	579	22	989	323	651	15	86.1	91.6	90.5	28.4	28.4	28.4
Ahafo	Tano South	2,047	544	1,349	154	1.7	4.4	3.1	69	18	44	7	1,443	414	998	31	865	273	572	19	70.5	76.1	74.0	20.0	20.0	20.0
Ashanti	Adansi Akrofuo	731	208	469	54	0.7	1.7	1.2	30	8	17	6	350	107	240	3	119	40	77	2	47.9	51.2	51.3	5.8	5.8	5.8
Ashanti	Adansi Asokwa	612	188	377	46	0.7	1.5	1.1	27	7	15	5	105	34	69	1	20	7	12	1	17.1	18.1	18.4	2.8	2.8	2.8
Ashanti	Adansi North	641	183	413	45	1.1	2.6	1.8	20	5	12	3	524	159	355	10	475	149	320	6	81.8	87.2	86.0	21.7	21.7	21.7
Ashanti	Adansi South	410	116	265	29	0.6	1.8	1.2	13	3	6	3	367	107	243	18	417	120	279	18	89.5	92.0	91.6	60.5	60.5	60.5
Ashanti	Afigya Kwabre	615	175	393	47	1.1	2.6	1.8	21	5	12	3	488	145	325	17	379	116	250	13	79.3	82.9	82.7	36.7	36.7	36.7
Ashanti	Afigya Kwabre	1,663	457	1,086	120	1.1	2.9	2.0	47	12	28	7	1,473	421	995	58	1,681	481	1,150	50	88.6	92.1	91.5	48.1	48.1	48.1
Ashanti	Ahafo Ano North	1,201	366	749	86	0.9	2.2	1.5	43	12	24	7	932	303	610	19	721	245	463	13	77.6	82.8	81.4	22.5	22.5	22.5
Ashanti	Ahafo Ano South	617	192	377	48	0.7	1.8	1.2	22	5	12	5	495	161	316	18	399	133	253	14	80.2	84.0	83.6	37.7	37.7	37.7
Ashanti	Ahafo Ano South	1,004	284	648	72	1.0	2.9	1.9	31	9	17	5	813	243	550	21	681	211	456	14	81.0	85.5	84.8	28.9	28.9	28.9
Ashanti	Amansie Central	769	230	481	57	0.6	1.5	1.0	32	8	17	7	369	118	247	3	125	45	78	2	47.9	51.4	51.3	5.7	5.7	5.7
Ashanti	Amansie South	736	199	484	53	0.8	2.1	1.4	22	5	12	5	666	186	449	31	820	226	562	31	90.5	93.3	92.9	58.7	58.7	58.7
Ashanti	Amansie West	783	254	471	58	0.8	1.8	1.2	35	10	19	6	288	101	184	3	81	32	47	2	36.7	39.8	39.0	5.2	5.2	5.2
Ashanti	Asante Akim Central	987	290	625	72	1.0	2.2	1.6	33	8	20	5	814	253	536	26	744	239	486	19	82.5	87.3	85.7	35.3	35.3	35.3
Ashanti	Asante Akim North	1,055	316	659	81	1.1	2.5	1.8	27	7	15	5	972	300	620	53	1,278	387	833	58	92.1	94.8	94.1	65.4	65.4	65.4

Region	District	People Living with HIV				Estimated HIV Prevalence (%)				Estimated New HIV Infections				Number on ART (Residents)				Number on ART (Attending)				Art Coverage (%)			
		All Ages	Adults (15+)	Child (0-14)	Adults (15-49)	All Ages	Adults (15+)	Child (0-14)	Adults (15+)	All Ages	Adults (15+)	Child (0-14)	Adults (15+)	All Ages	Adults (15+)	Child (0-14)	Adults (15+)	All Ages	Adults (15+)	Child (0-14)	Adults (15+)	All Ages			
Ashanti	Asante Akim South	1,468	444	916	108	0.9	2.1	1.5	51	13	28	9	1,102	356	717	28	759	261	479	19	750	80.2	78.3	26.2	
Ashanti	Asante Mampong	1,279	350	838	91	0.9	2.4	1.7	35	9	20	6	1,165	328	779	58	1,444	402	979	62	91.0	93.6	92.9	63.6	
Ashanti	Asokore Mampong	2,985	869	1,922	194	0.6	1.5	1.0	138	35	82	20	522	160	359	3	102	37	64	2	175	18.5	18.7	1.7	
Ashanti	Asokwa	3,202	823	2,175	204	1.2	3.4	2.3	75	20	46	9	2,979	782	2,064	133	4,012	1,025	2,843	144	93.0	95.0	94.9	64.9	
Ashanti	Atwima Kwanwoma	1,105	331	692	82	0.9	2.0	1.4	39	10	22	7	861	278	572	12	696	232	456	7	779	83.8	82.6	14.1	
Ashanti	Atwima Mponua	1,772	511	1,135	126	1.0	2.7	1.8	64	18	35	10	1,221	372	821	28	684	224	442	18	68.9	72.8	72.4	22.2	
Ashanti	Atwima Nwabiagya	1,590	440	1,041	109	1.2	2.9	2.1	47	12	29	6	1,370	396	928	46	1,402	413	952	36	86.1	90.0	89.2	41.6	
Ashanti	Atwima Nwabiagya North	1,030	287	672	70	1.0	2.6	1.8	38	10	23	4	698	208	483	7	394	127	263	4	67.8	72.5	71.8	10.5	
Ashanti	Bekwai	1,764	502	1,126	135	1.1	2.5	1.8	48	11	28	9	1,583	468	1,038	77	1,884	553	1,256	74	89.8	93.1	92.2	56.9	
Ashanti	Bosome Freho	567	162	363	41	0.6	1.6	1.1	23	5	12	5	319	97	218	4	130	43	85	2	56.3	59.9	60.0	9.4	
Ashanti	Bosomtwe	1,462	403	953	106	1.0	2.6	1.8	44	11	26	7	1,243	362	849	33	1,262	373	866	23	85.0	89.8	89.0	31.1	
Ashanti	Elisu	1,808	494	1,187	128	1.2	3.0	2.2	56	14	35	7	1,496	429	1,018	49	1,335	395	903	38	82.7	86.7	85.8	38.4	
Ashanti	Ejura-Sekyedumase	1,106	329	694	83	0.9	2.2	1.5	38	10	22	7	911	288	598	24	849	275	557	17	82.3	87.5	86.2	29.3	
Ashanti	Juaben	842	227	555	61	1.1	3.0	2.1	23	6	13	4	743	207	504	32	804	225	550	29	88.2	91.3	90.8	52.3	
Ashanti	Kumasi	13,338	4,204	8,267	866	1.2	2.5	1.8	367	97	226	43	12,151	3,902	7,596	654	14,515	4,587	9,073	855	91.1	92.8	91.9	75.5	
Ashanti	Kwabre East	1,538	402	1,031	105	0.8	2.2	1.5	57	14	34	9	1,151	319	815	17	814	237	567	10	74.9	79.5	79.1	15.9	
Ashanti	Kwadaso	6,555	1,906	4,229	420	1.6	3.8	2.7	225	63	146	16	4,641	1,438	3,144	59	2,804	937	1,832	35	70.8	75.4	74.3	14.0	
Ashanti	Obasie	1,970	517	1,331	122	1.1	3.2	2.2	55	15	35	6	1,697	462	1,181	53	1,682	468	1,170	43	86.1	89.4	88.8	43.5	
Ashanti	Obuasi East	1,512	461	948	103	1.3	2.9	2.1	43	11	27	5	1,320	418	849	54	1,393	447	898	49	87.3	90.7	89.5	52.0	
Ashanti	Offinso	1,419	379	932	108	1.2	3.1	2.2	34	8	20	6	1,323	362	888	73	1,848	489	1,276	82	93.2	95.6	95.2	67.0	
Ashanti	Offinso North	834	227	542	64	1.0	2.6	1.8	27	7	15	5	696	200	474	23	660	194	449	17	83.5	88.1	87.3	35.4	
Ashanti	Oforikrom	4,267	1,405	2,592	270	0.9	2.0	1.4	145	40	86	18	3,531	1,230	2,244	56	3,357	1,190	2,131	36	82.7	87.6	86.6	20.8	
Ashanti	Old Tafo	2,824	803	1,835	186	1.2	2.9	2.0	81	21	50	9	2,483	735	1,671	76	2,783	825	1,897	60	87.9	91.6	91.1	41.0	
Ashanti	Sekyere Afram Plains	283	100	159	24	0.8	1.8	1.2	13	4	7	3	120	46	72	1	38	16	21	1	42.4	46.5	45.3	6.2	
Ashanti	Sekyere Central	692	205	436	51	0.7	1.7	1.2	28	7	15	6	439	138	291	11	219	73	139	7	63.5	67.3	66.8	20.5	
Ashanti	Sekyere East	840	268	505	67	1.1	2.1	1.6	30	7	18	5	638	221	407	9	492	178	309	6	75.9	82.5	80.7	14.1	

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)							
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Adults (15+)	Children (0-14)	Adults (15+)	All Ages	Total	M	F	All	Total	M	F	All	Total	M	F	All	Total	M	F	All	Childn (0-14) Ages	Adults (15+)	Childn (0-14) Ages
Ashanti	Sekyere Kumawu	707	189	466	52	0.8	1.9	1.4	29	7	17	5	370	105	262	4	140	44	94	2	52.3	55.5	56.1	6.9					
Ashanti	Sekyere South	1,287	365	827	96	1.0	2.2	1.6	40	9	24	7	1,103	329	737	37	1,156	348	780	28	85.7	90.1	89.2	38.4					
Ashanti	Suame	2,832	787	1,860	185	1.1	2.6	1.8	96	25	60	11	2,243	645	1,532	66	1,706	503	1,153	49	79.2	81.9	82.4	35.7					
Bono	Banda	293	86	186	20	0.9	2.6	1.7	10	3	6	2	217	67	144	7	142	46	91	5	74.2	77.2	77.1	35.0					
Bono	Berekum	2,380	608	1,605	167	1.5	3.8	2.8	54	13	35	6	2,242	582	1,534	125	3,197	799	2,237	161	94.2	95.9	95.6	74.7					
Bono	Berekum West	506	128	344	34	0.9	2.2	1.6	20	5	13	2	246	65	179	2	85	25	59	1	48.6	50.6	52.0	7.0					
Bono	Dormaa East	1,429	398	926	105	1.9	4.5	3.2	43	11	28	4	1,076	319	733	23	740	235	490	15	75.3	80.3	79.2	22.0					
Bono	Dormaa Municipal	2,194	613	1,432	149	1.2	3.0	2.1	67	17	42	8	1,800	532	1,232	36	1,610	491	1,095	24	82.1	86.8	86.1	24.1					
Bono	Dormaa West	849	268	519	62	1.1	2.9	2.0	26	8	14	4	718	236	451	30	669	226	417	26	84.5	88.1	87.0	48.4					
Bono	Jaman North	1,441	378	964	99	1.1	2.9	2.0	48	12	30	6	1,172	324	820	28	1,034	294	721	19	81.4	85.6	85.1	28.6					
Bono	Jaman South	2,128	521	1,459	149	1.4	3.8	2.7	64	16	41	7	1,794	454	1,295	75	1,642	426	1,149	67	84.3	87.1	86.7	50.6					
Bono	Sunyani Municipal	3,279	838	2,240	200	1.3	4.0	2.6	73	21	45	7	3,125	809	2,162	155	4,697	1,159	3,330	208	95.3	96.5	96.5	77.2					
Bono	Sunyani West	1,411	411	903	97	1.1	2.6	1.8	52	14	32	6	935	289	633	13	504	167	329	7	66.2	70.4	70.1	12.9					
Bono	Tain	1,602	475	1,013	114	1.2	3.1	2.1	54	15	32	6	1,255	384	812	59	924	293	578	53	78.3	80.9	80.1	51.9					
Bono	Wenchi	1,959	547	1,267	144	1.4	3.6	2.5	51	14	31	7	1,766	508	1,169	89	2,075	594	1,388	93	90.2	92.8	92.2	61.7					
Bono East	Atebubu-Amanteng	1,336	385	846	104	0.9	2.2	1.5	44	11	25	9	1,155	347	753	55	1,207	365	791	51	86.5	90.0	89.0	53.1					
Bono East	Kintampo North	1,673	421	1,128	124	1.1	3.0	2.1	47	11	28	8	1,513	391	1,037	85	1,784	461	1,225	98	90.4	92.8	91.9	68.6					
Bono East	Kintampo South	1,229	359	781	89	1.0	2.6	1.8	42	11	24	6	943	291	626	26	682	222	441	18	76.7	81.1	80.1	29.1					
Bono East	Nkoranza North	807	253	493	60	0.9	2.0	1.4	31	8	18	5	448	153	287	9	184	69	110	5	55.6	60.3	58.3	14.1					
Bono East	Nkoranza South	1,696	431	1,145	121	1.0	2.9	1.9	51	13	30	8	1,446	388	1,020	37	1,469	405	1,038	27	85.2	90.0	89.1	31.0					
Bono East	Pru	1,108	315	707	86	1.0	2.5	1.8	38	9	23	6	903	276	606	21	834	266	554	14	81.5	87.6	85.6	24.5					
Bono East	Pru West	592	172	371	50	0.8	1.9	1.3	21	5	11	5	502	152	325	25	488	149	317	22	84.8	88.4	87.8	49.9					
Bono East	Sene East	593	200	341	52	0.8	1.6	1.2	25	6	13	6	406	149	245	12	242	95	139	8	68.5	74.5	71.8	23.8					
Bono East	Sene West	616	158	413	45	0.7	1.9	1.3	21	5	11	5	521	140	362	19	506	139	352	15	84.7	88.6	87.7	42.6					
Bono East	Tehiman Municipal	3,794	870	2,654	270	1.4	4.2	2.8	71	17	43	11	3,660	852	2,595	213	5,985	1,311	4,376	298	96.5	97.9	97.8	79.0					
Bono East	Tehiman North	983	310	602	71	1.2	2.5	1.8	36	9	22	4	683	235	437	11	414	155	253	7	69.5	75.8	72.7	15.2					
Central	Abura-Asebu-Kwamankese	1,436	385	951	101	0.9	2.2	1.5	54	13	33	8	880	252	618	10	410	130	275	6	61.2	65.6	64.9	9.5					

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				ART COVERAGE (%)														
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Adults (15+)	Children (0-14)	All Ages	All Ages	Adults (15+)	Children (0-14)	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	Childn (0-14)	All Ages	Adults (15+)	Childn (0-14)	All Ages	Adults (15+)	Childn (0-14)
Central	Agona East	716	213	450	54	0.6	1.0	32	7	18	6	168	54	113	1	35	13	22	1	23.5	25.2	25.2	2.4									
Central	Agona West	1,252	314	854	84	0.7	1.9	33	8	19	8	1,145	293	795	56	1,421	356	1,001	64	91.5	93.4	93.2	67.0									
Central	Ajuamako-Enyan-Essiam	1,459	407	938	114	0.8	1.9	14	35	11	404	120	282	3	89	30	57	2	27.7	29.4	30.0	2.7										
Central	Asikuma-Odoben-Brakwa	1,079	304	693	82	0.6	1.5	11	36	8	18	10	943	274	618	51	985	288	644	54	87.4	90.2	89.2	62.2								
Central	Assin Foso	1,045	270	703	73	0.8	2.5	1.6	27	7	15	5	975	257	666	53	1,329	339	925	65	93.3	95.1	94.8	72.5								
Central	Assin North	504	162	303	39	0.6	1.3	0.9	23	6	12	6	107	37	69	1	22	9	13	0	21.3	22.9	22.9	2.3								
Central	Assin South	970	280	618	73	0.7	1.7	1.2	36	9	19	8	736	223	491	22	512	160	336	16	75.9	79.7	79.5	30.3								
Central	Awutu Senya	669	187	432	50	0.6	1.3	1.0	31	7	17	7	218	64	153	2	55	18	36	1	32.6	34.1	35.3	3.6								
Central	Awutu Senya East	1,231	331	818	82	0.7	1.9	1.3	46	12	26	8	918	259	634	25	614	183	413	18	74.6	78.2	77.5	30.6								
Central	Cape Coast	2,425	706	1,578	141	0.8	2.2	1.5	73	20	44	9	2,233	661	1,470	102	2,886	832	1,928	126	92.1	93.7	93.1	72.3								
Central	Efutu	863	261	546	56	0.8	2.0	1.4	26	7	15	4	775	243	507	24	963	298	646	19	89.7	93.3	92.9	42.7								
Central	Ekumfi	337	90	222	25	0.5	1.2	0.9	15	3	8	4	208	59	147	3	101	31	68	2	61.9	65.7	66.1	11.1								
Central	Gomoa Central	1,314	368	854	91	0.6	1.6	1.1	59	15	33	11	288	83	203	2	59	20	38	1	21.9	22.5	23.8	2.0								
Central	Gomoa East	678	174	454	50	0.7	1.7	1.2	21	4	11	5	615	163	422	30	772	201	542	30	90.7	93.5	93.1	59.1								
Central	Gomoa West	1,581	382	1,085	115	0.8	2.1	1.5	62	14	38	10	917	233	672	11	392	110	276	7	58.0	61.1	62.0	10.0								
Central	Komenda-Edna- Egafo-Abiem	2,008	564	1,306	139	1.0	2.5	1.7	71	19	42	10	1,477	435	1,000	42	958	298	630	30	73.6	77.2	76.6	30.5								
Central	Mfantseman	2,594	648	1,765	181	1.2	3.0	2.2	91	21	60	10	1,878	504	1,338	36	1,222	352	847	23	72.4	77.9	75.8	19.6								
Central	Twifo-Ati-Mokwa	877	227	589	61	0.9	2.6	1.7	26	7	15	5	762	206	532	25	813	223	571	19	87.0	90.9	90.3	40.7								
Central	Twifo-Hemang Lower Denkyira	562	170	351	41	0.7	1.8	1.2	24	6	13	4	200	64	135	2	53	19	33	1	35.7	37.7	38.4	4.0								
Central	Upper Denkyira East	1,339	368	884	87	1.1	3.2	2.1	40	11	24	5	1,105	322	769	14	1,019	306	705	8	82.6	87.7	87.0	15.9								
Central	Upper Denkyira West	563	176	346	40	0.7	1.7	1.2	25	7	13	5	99	32	66	1	19	7	11	0	17.5	18.1	19.0	1.9								
Eastern	Abuakwa North	1,591	500	983	108	1.2	2.6	1.9	55	14	35	6	1,143	384	732	26	720	259	444	17	71.8	76.9	74.5	24.1								
Eastern	Achimota	891	254	571	66	0.8	2.0	1.4	30	7	17	6	717	214	478	25	575	176	380	19	80.4	84.1	83.7	37.9								
Eastern	Afram Plains South	1,297	413	791	93	0.7	1.9	1.3	54	16	28	10	350	116	232	2	77	29	47	1	270	28.0	29.3	2.3								

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)					
		All Ages	Adults (15+)	Child (0-14)	Adults (15-49)	All Ages	Adults (15+)	Child (0-14)	Adults (15+)	All Ages	Adults (15+)	Child (0-14)	Adults (15+)	All Ages	Adults (15+)	Child (0-14)	Adults (15+)	All Ages	Adults (15+)	Child (0-14)	Adults (15+)	All Ages	Adults (15+)	Child (0-14)	Adults (15+)		
		Total	M	F	All	M	F	Total	M	F	Total	M	F	All	Total	M	F	All	Total	M	F	All	Total	M	F	All	
Eastern	Akwapim North	1,104	328	697	79	1.0	2.2	1.6	29	7	17	5	1,012	307	649	56	1,266	375	824	67	91.7	93.8	93.1	70.6			
Eastern	Akwapim South	568	165	364	39	1.0	2.3	1.7	18	5	11	3	461	139	307	15	373	115	246	12	81.2	84.5	84.3	38.5			
Eastern	Akyemanso	1,227	361	772	94	0.9	2.1	1.5	40	10	22	8	1,000	307	655	37	830	260	541	29	81.4	85.1	84.8	39.6			
Eastern	Asene Manso	960	264	624	71	0.8	2.0	1.5	32	7	18	6	782	225	528	29	648	190	435	23	81.5	85.0	84.7	40.5			
Eastern	Asuogyaman	2,650	789	1,678	182	1.8	4.1	3.0	84	23	55	7	1,915	603	1,251	61	1,166	395	727	45	72.3	76.4	74.5	33.6			
Eastern	Atiwa East	922	274	581	67	1.2	3.0	2.1	26	7	15	4	791	245	512	34	769	244	494	31	85.8	89.2	88.0	51.8			
Eastern	Atiwa West	896	275	555	66	1.0	2.4	1.7	32	9	19	5	538	178	354	6	241	87	151	4	60.1	64.7	63.8	9.7			
Eastern	Ayensuano	923	285	569	68	0.8	1.9	1.4	37	10	21	6	145	46	98	1	26	10	16	1	15.7	16.3	17.2	1.4			
Eastern	Birim Central	1,157	296	787	75	0.9	2.6	1.8	30	7	18	4	1,072	279	738	55	1,390	352	969	69	92.6	94.3	93.8	73.4			
Eastern	Birim North	1,171	333	758	81	0.9	2.4	1.7	36	10	20	6	990	293	659	39	920	278	608	33	84.5	87.9	87.0	48.0			
Eastern	Birim South	647	185	416	45	0.9	2.2	1.6	22	5	13	3	507	152	336	19	379	118	246	15	78.4	81.9	80.8	41.8			
Eastern	Denkyembour	1,569	434	1,023	112	1.2	3.1	2.2	33	8	19	6	1,479	418	981	79	2,126	580	1,450	95	94.3	96.4	96.0	70.7			
Eastern	East Akim - Abuiakwa South	1,311	380	844	87	1.1	2.7	1.9	40	11	24	6	1,090	326	717	46	936	288	607	42	83.1	85.8	85.0	52.8			
Eastern	Fanteakwaa North	1,154	343	727	84	1.3	3.1	2.2	32	8	19	4	1,017	311	654	52	1,075	332	689	54	88.1	90.8	89.9	62.0			
Eastern	Fanteakwaa South	825	245	523	58	1.1	2.7	1.9	26	7	15	4	664	205	437	22	522	166	339	17	80.4	83.9	83.5	37.9			
Eastern	Kwaebibrem	1,822	556	1,138	129	1.1	2.4	1.8	67	18	41	8	893	295	592	6	308	114	191	3	49.0	53.1	52.0	4.7			
Eastern	Kwahu East	876	250	565	61	0.8	1.9	1.3	35	9	20	6	348	103	242	3	96	32	62	1	39.7	41.5	42.8	4.1			
Eastern	Kwahu North	1,296	415	776	105	0.9	2.1	1.5	46	12	25	9	1,022	345	636	41	804	283	488	32	78.9	83.3	81.8	39.1			
Eastern	Kwahu South	1,100	315	704	81	1.1	2.5	1.8	32	8	19	5	970	287	635	48	1,046	311	687	48	88.1	91.1	90.2	59.2			
Eastern	Kwahu West	1,638	454	1,068	115	1.1	2.7	1.9	43	11	26	7	1,497	426	994	77	1,860	522	1,251	87	91.4	93.8	93.1	66.9			
Eastern	Lower-Manya Krobo	4,579	1,174	3,079	326	3.0	7.7	5.5	70	18	46	6	4,417	1,153	3,019	245	7,049	1,754	4,979	316	96.5	98.2	98.1	75.1			
Eastern	New Juaben North	1,277	446	740	91	1.6	2.9	2.3	38	10	24	4	1,058	392	635	31	969	373	574	23	82.9	88.0	85.8	34.1			
Eastern	New Juaben South	2,980	933	1,863	183	1.4	3.2	2.3	67	19	41	7	2,797	896	1,781	120	3,965	1,228	2,606	131	93.9	96.0	95.6	65.3			
Eastern	Nsawam-Adoagyiri	1,601	504	992	105	1.2	2.7	1.9	37	10	21	6	1,489	944	481	63	2,042	643	1,335	64	93.0	95.6	95.2	60.2			
Eastern	Okere	1,009	283	654	71	1.1	2.7	1.9	33	8	20	4	798	233	539	25	605	183	403	19	79.1	82.4	82.4	35.7			

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)									
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	All Ages	Adults (15+)	Children (0-14)	Adults (15+)	All Ages	Adults (15+)	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	All Ages	Adults (15+)	Children (0-14)	All Ages	Adults (15+)	Children (0-14)	All Ages
Eastern	Suhum	1,973	589	1,244	140	1.4	3.3	2.4	52	14	32	6	1,728	537	1,124	67	1,842	582	1,203	57	87.6	91.3	90.3	47.4							
Eastern	Upper Manya-Krobo	2,104	613	1,340	151	1.9	4.9	3.3	58	17	35	5	1,769	531	1,147	91	1,533	476	965	92	84.1	86.6	85.6	60.2							
Eastern	Upper West Akim	1,076	300	702	75	0.8	2.1	1.4	42	11	25	7	442	128	311	4	126	41	83	2	41.1	42.6	44.3	4.8							
Eastern	West Akim	1,938	557	1,242	140	1.2	2.8	2.0	60	15	37	8	1,575	475	1,041	59	1,305	411	846	47	81.2	85.3	83.8	42.2							
Eastern	Yilo-Krobo	2,295	635	1,505	154	1.6	4.2	2.9	77	21	49	6	1,574	469	1,094	12	890	289	593	7	68.6	73.8	72.7	7.8							
Greater Accra	Ablekuma Central	2,273	731	1,408	133	0.6	1.3	0.9	96	26	57	13	745	251	490	4	187	71	114	2	32.8	34.4	34.8	2.8							
Greater Accra	Ablekuma North	2,095	638	1,329	128	0.6	1.5	1.1	64	17	37	11	1,849	576	1,203	70	1,970	609	1,295	66	88.2	90.4	90.5	54.7							
Greater Accra	Ablekuma West	903	278	571	55	0.9	2.0	1.5	37	10	23	4	221	71	149	1	48	18	29	1	24.5	25.4	26.1	2.6							
Greater Accra	Accra Metro	9,509	3,245	5,643	621	1.4	2.6	2.0	212	58	129	26	9,048	3,122	5,402	524	13,210	4,317	8,071	822	95.1	96.2	95.7	84.4							
Greater Accra	Ada East	1,492	451	922	118	1.5	3.3	2.4	42	11	26	6	1,312	411	830	71	1,413	446	895	71	87.9	91.0	90.0	59.8							
Greater Accra	Ada West	828	231	533	64	1.0	2.4	1.7	33	8	20	5	526	157	362	6	273	88	181	4	63.5	68.1	67.9	10.0							
Greater Accra	Adentan	849	279	519	51	0.6	1.5	1.0	37	11	21	5	391	135	253	3	130	50	78	2	46.1	48.6	48.7	5.9							
Greater Accra	Ashaiman	3,427	897	2,324	206	0.9	2.6	1.7	100	29	59	13	3,021	813	2,103	105	3,229	875	2,259	94	88.2	90.6	90.5	51.3							
Greater Accra	Ayawaso Central	1,976	596	1,268	112	0.8	1.8	1.3	65	18	39	8	1,623	503	1,075	45	1,345	423	887	35	82.1	84.4	84.8	40.0							
Greater Accra	Ayawaso East	1,388	522	774	92	1.2	2.0	1.6	32	9	18	5	1,321	505	744	71	1,995	724	1,174	97	95.2	96.8	96.2	77.6							
Greater Accra	Ayawaso North	2,341	657	1,551	133	1.2	3.2	2.2	73	21	46	6	1,890	554	1,301	35	1,531	469	1,039	24	80.7	84.4	83.9	26.2							
Greater Accra	Ayawaso West	1,044	385	608	51	0.8	1.8	1.3	35	11	21	3	938	355	553	30	1,112	418	664	30	89.9	92.2	91.0	58.7							
Greater Accra	Ga Central	1,273	384	808	81	0.6	1.5	1.1	54	15	31	8	271	85	185	2	55	20	34	1	21.3	22.0	22.9	2.0							
Greater Accra	Ga East	2,301	924	1,220	157	1.1	1.8	1.5	64	18	36	10	2,042	865	1,124	54	2,472	1,043	1,389	40	88.8	93.6	92.1	34.4							

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)					
		All Ages	Adults (15+)	Childn (0-14)	Adults (15-49)	All Ages	Adults (15+)	Childn (0-14)	Adults (15+)	All Ages	Total	M	F	All	Total	M	F	All	Total	M	F	All	Total	M	F	All	
		Total	M	F	All	M	F	Total	M	F	Total	M	F	All	Total	M	F	All	Total	M	F	All	Total	M	F	All	
Greater Accra	Ga North	1,180	342	765	73	0.6	1.7	1.1	47	13	27	7	718	220	492	6	329	110	216	3	60.9	64.3	64.4	8.3			
Greater Accra	Ga South	3,448	922	2,302	224	0.8	2.3	1.6	132	37	78	18	1,992	556	1,405	31	829	254	556	19	57.8	60.4	61.0	13.9			
Greater Accra	Ga West	2,068	560	1,381	127	1.1	2.9	2.0	54	15	32	7	1,869	521	1,283	66	2,234	618	1,557	59	90.4	93.0	92.9	51.6			
Greater Accra	Korle-Klottoe	3,350	1,194	1,962	195	1.7	3.3	2.5	72	21	45	6	3,122	1,141	1,863	118	4,202	1,498	2,585	120	93.2	95.6	95.0	60.6			
Greater Accra	Kpone-Katamanso	2,141	647	1,355	139	1.1	2.7	1.9	75	22	45	8	1,463	469	972	22	809	280	515	14	68.3	72.5	71.7	16.1			
Greater Accra	Krowor	1,773	524	1,145	104	1.0	2.4	1.7	70	21	44	6	353	106	246	2	69	24	44	1	19.9	20.2	21.5	1.8			
Greater Accra	La-Dade-Kotopon	3,661	1,177	2,261	223	1.2	2.5	1.9	105	29	65	11	3,087	1,037	1,965	84	2,849	989	1,796	64	84.3	88.1	86.9	37.9			
Greater Accra	La-Nkwantanang-Madina	2,743	795	1,786	162	1.3	3.3	2.3	71	21	43	6	2,467	743	1,662	62	3,005	898	2,059	47	89.9	93.4	93.1	38.3			
Greater Accra	Ledzokuku	2,501	842	1,495	164	1.3	2.5	1.9	70	19	42	8	2,146	754	1,321	71	2,119	761	1,300	58	85.8	89.6	88.4	43.3			
Greater Accra	Ningo Prampram	1,566	452	999	115	1.5	3.4	2.5	49	13	31	5	1,304	397	865	42	1,212	381	799	32	83.3	87.8	86.6	36.8			
Greater Accra	Okai Koi North	4,397	1,390	2,743	264	1.1	2.6	1.8	154	45	95	14	3,132	1,057	1,057	17	1,936	699	1,227	10	71.2	76.0	75.0	6.4			
Greater Accra	Shai-Osudoku	1,229	346	795	89	1.5	3.8	2.6	28	7	16	4	1,152	331	759	62	1,609	449	1,088	72	93.7	95.8	95.5	69.3			
Greater Accra	Tema	4,711	1,517	2,894	300	1.7	3.6	2.7	104	29	65	10	4,389	1,451	2,752	186	5,990	1,933	3,863	193	93.2	95.7	95.1	62.0			
Greater Accra	Tema West	2,420	731	1,549	140	1.1	2.6	1.8	76	22	46	7	1,927	611	1,282	34	1,506	500	984	22	79.6	83.6	82.8	24.0			
Greater Accra	Weija-Gbawe	2,792	776	1,839	177	0.8	2.1	1.4	77	21	43	13	2,510	719	1,698	93	2,942	836	2,021	85	89.9	92.6	92.3	52.6			
North East	Bunkpurugu -Nakpanduri	401	120	247	34	0.5	1.0	0.7	19	4	10	5	302	96	192	15	222	73	137	12	75.4	79.8	77.6	43.3			
North East	Chereponi	189	53	118	18	0.3	0.7	0.5	12	2	5	6	109	33	73	2	50	17	32	1	57.5	63.4	62.1	11.3			

Region	District	PEOPLE LIVING WITH HIV			ESTIMATED HIV PREVALENCE (%)			ESTIMATED NEW HIV INFECTIONS			NUMBER ON ART (RESIDENTS)			NUMBER ON ART (ATTENDING)			ART COVERAGE (%)						
		All Ages	Adults (15+)	Children (0-14)	Adults (15-49)	M	F	Total	M	F	Total	M	F	Adults (15+)	Childn (0-14)	All Ages	Adults (15+)	Childn (0-14)	Adults (15+)	Childn (0-14)			
Oti	Kirchi West	645	179	416	50	0.9	2.2	1.5	20	5	11	4	566	163	376	27	616	179	412	25	878	91.1	90.4
Oti	Nkwanta North	629	177	397	55	0.7	1.7	1.2	29	6	16	6	360	112	244	5	164	55	105	3	573	62.9	61.5
Oti	Nkwanta South	1,204	382	714	108	0.8	1.6	1.2	43	9	23	11	987	337	614	36	931	329	575	26	820	88.3	86.0
Savannah	Bole	816	199	557	60	0.8	2.4	1.6	24	6	13	5	725	184	512	29	842	213	604	25	88.9	92.3	91.9
Savannah	Central Gonja	454	123	293	38	0.4	0.9	0.6	24	4	11	8	272	80	188	4	131	42	86	2	59.9	65.4	64.0
Savannah	East Gonja	555	171	340	45	0.4	0.9	0.6	25	5	11	9	454	148	289	17	415	139	262	14	81.8	86.8	84.9
Savannah	North Gonja	197	54	125	18	0.3	0.8	0.6	11	2	5	4	112	34	76	2	52	17	33	1	57.2	63.4	60.9
Savannah	North-East Gonja	111	33	69	10	0.3	0.6	0.5	7	1	3	3	50	16	33	1	17	6	10	0	45.0	49.7	47.7
Savannah	Sawla-Tuna-Kalba	801	209	520	71	0.6	1.4	1.0	33	6	19	9	490	140	344	6	241	75	162	4	61.2	66.8	66.2
Savannah	West Gonja	286	83	181	22	0.5	1.1	0.8	11	2	5	3	248	76	162	10	273	84	180	8	86.6	91.2	89.7
Upper East	Bawku Municipal	645	193	401	51	0.5	1.0	0.8	22	4	10	7	594	181	374	39	771	228	491	52	92.1	94.0	93.1
Upper East	Bawku West	582	171	359	52	0.5	1.1	0.8	22	4	11	7	499	156	323	21	548	172	359	16	85.7	91.0	89.8
Upper East	Binduri	269	75	172	22	0.3	0.8	0.6	14	2	7	5	135	40	93	2	49	16	32	1	50.0	53.2	54.0
Upper East	Bolgatanga East	344	102	219	23	0.8	2.0	1.4	14	4	9	2	152	48	103	1	48	17	30	1	44.1	46.5	46.9
Upper East	Bolgatanga Municipal	1,321	341	888	92	0.8	2.0	1.4	31	7	17	7	1,261	331	860	70	1,976	489	1,394	93	95.4	97.0	96.8
Upper East	Bongo	636	189	392	55	0.6	1.2	0.9	20	4	10	6	585	179	369	37	789	235	511	43	92.0	94.9	94.0
Upper East	Buiisa North	526	168	318	40	0.7	1.5	1.1	16	4	9	4	471	155	291	24	558	183	350	25	89.5	92.7	91.6
Upper East	Buiisa South	260	91	147	22	0.6	1.1	0.8	11	3	6	3	190	71	110	9	126	49	70	7	73.0	77.7	74.9
Upper East	Garu	409	115	258	37	0.6	1.3	0.9	15	3	8	5	338	100	222	15	318	96	210	12	82.5	87.5	86.4
Upper East	Kasena-Nankana	965	293	601	72	0.6	1.4	1.0	33	8	17	8	844	265	540	39	923	290	597	36	87.5	90.7	89.9
Upper East	Kasena-Nankana West	659	199	415	46	0.7	1.5	1.1	24	6	14	5	533	167	344	22	443	143	281	18	80.8	84.1	82.9

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				ART COVERAGE (%)						
		All Ages	Adults (15+)	Child (0-14)	Adults (15-49)	All Ages	Adults (15+)	Child (0-14)	All Ages	Total	M	F	Total	M	F	Total	M	F	Total	M	F	All		
		Total	M	F	All	M	F	Total	M	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Child (0-14)		
Upper East	Nabdam	365	134	200	31	0.9	1.7	1.3	11	3	6	2	328	124	181	23	382	142	210	29	89.9	92.5	90.6	74.1
Upper East	Pusiga	285	80	181	24	0.4	0.9	0.6	13	2	6	5	219	64	143	11	162	49	103	10	76.8	80.6	79.2	46.3
Upper East	Talensi	467	162	267	37	0.5	0.9	0.7	18	4	8	6	395	143	231	20	381	141	222	19	84.5	88.3	86.5	54.1
Upper East	Tempane	359	104	221	34	0.4	0.9	0.7	16	3	8	6	262	84	173	6	190	64	123	3	73.1	80.0	78.5	16.8
Upper East	Daffamata-Bussie-Issa	287	84	181	23	0.7	1.5	1.1	12	3	6	3	200	63	133	4	123	41	80	3	69.7	75.0	73.8	17.8
Upper West	Jirapa	526	166	313	46	0.5	0.9	0.7	19	3	9	7	460	153	283	23	525	175	329	21	87.5	91.9	90.6	50.6
Upper West	Lambussie	245	71	154	20	0.4	0.8	0.6	12	2	6	4	151	47	101	3	74	25	47	2	61.5	65.9	65.2	17.1
Upper West	Lawra	536	181	309	45	0.9	1.5	1.2	16	3	9	4	479	169	283	27	574	202	345	27	89.5	93.1	91.7	59.8
Upper West	Nadowli-Kaleo	450	120	297	33	0.5	1.2	0.9	17	4	9	4	359	102	251	7	312	91	217	4	79.9	85.0	84.3	21.0
Upper West	Nandom	497	161	299	37	0.8	1.7	1.2	15	4	8	3	437	148	270	20	485	165	302	18	88.1	91.7	90.4	53.6
Upper West	Sissala East	440	116	292	33	0.5	1.4	0.9	17	4	9	4	351	98	245	7	300	87	208	5	79.7	84.9	84.1	22.3
Upper West	Sissala West	353	94	231	28	0.5	1.3	0.9	16	3	8	4	250	69	170	10	154	45	101	8	70.8	74.1	73.7	35.8
Upper West	Wa East	562	164	351	47	0.6	1.4	1.0	25	6	13	6	339	106	225	7	159	54	101	4	60.3	64.8	64.3	15.2
Upper West	Wa Municipal	1,428	366	966	96	0.7	2.2	1.4	35	9	20	7	1,367	355	937	74	2,203	537	1,566	100	95.7	97.2	97.0	77.0
Upper West	Wa West	513	147	324	42	0.5	1.1	0.8	23	5	12	6	299	92	202	6	134	45	86	3	58.3	62.3	62.2	13.7
Volta	Adaklu	523	159	330	33	0.9	2.3	1.6	21	6	13	2	230	74	153	3	72	26	44	2	43.9	46.5	46.2	9.8
Volta	Afadjato South	894	277	554	63	0.6	1.5	1.1	35	9	19	7	510	169	336	5	212	77	132	3	57.1	61.2	60.6	8.0
Volta	Agotime-Zlope	278	79	181	19	0.6	1.6	1.1	11	3	6	2	149	44	103	2	56	18	37	1	53.4	55.6	56.9	9.1
Volta	Akatsi North	408	110	270	28	0.9	2.3	1.6	16	4	10	2	192	54	135	4	63	20	41	2	47.2	48.8	50.0	13.7

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)						
		All Ages	Adults (15+)	Childn (0-14)	Adults (15-49)	Total	M	F	Total	M	F	Total	M	F	Childn (0-14)	All Ages	Adults (15+)	Childn (0-14)	All Ages	Adults (15+)	Childn (0-14)	All Ages	Adults (15+)	Childn (0-14)	All Ages			
Volta	Akatsi South	989	651	69	0.6	1.1	35	8	20	7	787	224	536	27	621	184	417	21	79.6	83.2	82.4	39.5						
Volta	Anloga	929	265	602	0.7	1.8	13	37	10	22	6	259	76	182	2	57	19	37	1	279	28.7	30.2	2.6					
Volta	Central Tongu	897	249	584	64	1.0	2.5	1.7	29	7	17	4	742	216	502	24	671	202	451	18	82.7	86.8	86.0	36.8				
Volta	Ho	3,205	1,056	1,947	202	1.2	2.4	1.8	88	24	53	11	2,871	970	1,764	137	3,190	1,082	1,951	157	89.6	91.8	90.6	67.9				
Volta	Ho West	1,033	334	628	72	0.8	1.7	1.2	38	10	22	7	559	194	361	5	214	82	129	3	54.1	58.2	57.4	6.4				
Volta	Hohoe	2,761	914	1,655	192	1.1	2.4	1.8	89	24	52	12	2,192	760	1,340	92	1,676	609	989	79	79.4	83.1	81.0	47.7				
Volta	Keta	880	260	559	60	0.9	2.0	1.4	21	5	12	4	816	248	530	38	1,097	325	732	40	92.7	95.2	94.7	63.1				
Volta	Ketu North	1,253	347	820	87	0.8	2.0	1.4	41	10	24	7	1,010	291	683	36	816	244	543	28	80.6	83.9	83.4	41.1				
Volta	Ketu South	2,562	720	1,654	188	1.0	2.5	1.8	69	17	39	13	2,340	673	1,555	133	2,855	811	1,885	159	91.3	93.4	92.8	70.5				
Volta	Kpando	854	263	534	57	1.0	2.4	1.7	24	7	14	4	749	238	478	32	784	254	499	30	87.7	90.7	89.6	55.9				
Volta	North Davi	479	146	300	34	0.9	1.9	1.4	15	4	9	3	372	121	245	6	280	96	181	4	77.5	82.9	81.6	17.8				
Volta	North Tongu	1,336	413	824	98	1.0	2.3	1.7	39	10	23	6	1,170	381	750	40	1,333	437	865	32	87.6	92.1	91.0	40.7				
Volta	South Davi	805	249	496	61	1.2	2.8	2.0	23	6	13	3	692	226	444	23	724	241	466	17	86.0	90.7	89.5	37.3				
Volta	South Tongu	1,203	348	760	95	1.0	2.2	1.6	36	8	21	7	1,055	319	689	47	1,175	358	776	41	87.7	91.6	90.7	49.1				
Western	Ahanta West	1,693	458	1,109	125	1.0	2.5	1.7	59	14	36	9	1,294	370	878	46	925	281	609	35	76.4	80.8	79.1	36.7				
Western	Effia-Kwesimintsim	3,185	906	2,083	196	0.7	1.9	1.3	112	29	68	15	2,507	747	1,694	66	1,927	604	1,275	48	78.7	82.5	81.3	33.4				
Western	Ellembelle	1,783	460	1,196	127	1.2	3.2	2.2	45	11	27	7	1,632	436	1,126	70	2,138	564	1,508	66	91.6	94.7	94.2	55.1				
Western	Jomoro	1,983	597	1,236	150	0.9	1.9	1.4	65	16	37	12	1,673	529	1,083	61	1,637	526	1,063	48	84.4	88.6	87.6	40.7				
Western	Mpohor	497	153	309	36	0.7	1.7	1.2	20	5	11	4	241	79	160	2	83	30	52	1	48.6	51.7	51.9	6.5				
Western	Nzema East	714	193	469	51	0.7	1.8	1.2	23	5	13	5	613	173	418	21	631	179	435	17	85.8	89.6	89.1	41.7				
Western	Prestea-Huni Valley	2,460	710	1,577	173	0.9	2.4	1.6	87	24	49	14	1,863	572	1,255	36	1,331	430	878	23	75.7	80.6	79.6	20.7				
Western	Sekondi-Takoradi	6,283	2,267	3,592	424	1.3	2.3	1.8	174	47	106	21	5,574	2,094	3,264	216	6,347	2,388	3,766	193	88.7	92.3	90.9	51.0				
Western	Shama	894	246	580	68	0.7	1.6	1.2	31	7	17	7	750	217	505	28	718	211	485	23	83.9	88.0	87.0	41.9				
Western	Tarkwa-Nsuaem	1,829	529	1,172	128	1.1	3.0	2.0	43	12	24	7	1,708	507	1,120	81	2,397	690	1,621	86	93.4	95.8	95.5	63.4				
Western	Wassa Amenfi Central	813	240	515	58	0.7	1.9	1.3	34	9	19	6	415	131	281	4	153	53	98	2	51.1	54.4	54.6	6.3				
Western	Wassa Amenfi East	1,165	324	758	82	0.8	2.3	1.5	37	10	20	7	1,008	291	677	40	1,039	302	701	35	86.5	89.8	89.3	48.6				
Western	Wassa Amenfi West	1,488	406	979	103	0.9	2.6	1.7	46	13	26	8	1,280	363	868	49	1,281	369	871	42	86.0	89.4	88.7	47.4				

Region	District	PEOPLE LIVING WITH HIV				ESTIMATED HIV PREVALENCE (%)				ESTIMATED NEW HIV INFECTIONS				NUMBER ON ART (RESIDENTS)				NUMBER ON ART (ATTENDING)				ART COVERAGE (%)							
		All Ages	Adults (15+)	Child (0-14)	Adults (15-49)	All Ages	Adults (15+)	Child (0-14)	All Ages	Total	M	F	Total	M	F	Total	M	F	Total	Child (0-14)	All Ages	Adults (15+)	Child (0-14)	All Ages	Adults (15+)	Child (0-14)	All Ages		
Western	Wassa East	1,283	374	814	95	1.0	2.5	1.7	46	12	27	7	866	270	584	11	480	161	313	7	675	72.3	71.8	11.9	72.3	71.8	11.9	72.3	71.8
Western	Aowin	2,061	582	1,336	143	1.0	2.7	1.8	73	20	43	10	1,464	436	989	38	874	278	569	26	71.0	74.9	74.1	26.8	74.9	74.1	26.8	74.9	74.1
Western	Bia East	311	94	193	23	0.7	1.7	1.2	14	4	8	3	71	23	48	1	15	6	9	0	23.0	24.3	24.7	3.0	24.3	24.7	3.0	24.3	24.7
Western	Bia West	1,442	424	911	107	1.0	2.5	1.7	49	13	29	8	1,172	364	766	42	1,004	324	647	32	81.3	85.8	84.1	39.1	85.8	84.1	39.1	85.8	84.1
Western	Bibiani-Anhwiaso-Bekwai	1,947	511	1,299	136	0.9	2.4	1.7	60	15	36	10	1,679	461	1,158	60	1,744	484	1,211	49	86.2	90.1	89.2	43.7	90.1	89.2	43.7	90.1	89.2
Western	Bodi	569	169	357	44	0.7	1.6	1.2	21	5	11	5	467	145	304	19	408	128	266	15	82.1	85.6	85.3	42.4	85.6	85.3	42.4	85.6	85.3
Western	Juboso	1,100	318	699	83	1.1	2.9	2.0	33	9	19	5	935	290	630	15	1,013	347	686	9	85.0	91.2	90.1	18.3	91.2	90.1	18.3	91.2	90.1
Western	Sefwi-Akontombra	834	255	518	61	0.6	1.6	1.1	37	10	20	7	281	92	187	2	72	27	44	1	33.7	36.0	36.0	3.4	36.0	36.0	3.4	36.0	36.0
Western	Sefwi-Wiawso	2,338	615	1,556	166	1.0	2.6	1.8	69	17	41	11	2,060	563	1,410	87	2,273	624	1,569	79	88.1	91.5	90.6	52.4	91.5	90.6	52.4	91.5	90.6
Western	Suaman	242	71	154	17	0.7	1.8	1.2	10	3	6	2	169	53	113	3	103	35	67	2	69.8	74.7	73.2	17.7	74.7	73.2	17.7	74.7	73.2



Under the Office of the President

P.O. BOX CT 5169, Cantonments, Accra - Ghana
Tel: +233 302 919 259 | +233 302 919 260
Email: info@ghanaids.gov.gh
www.ghanaids.gov.gh
Location: 4th Floor, Ghana Olympic Committee Building, Ridge
Accra - Ghana