

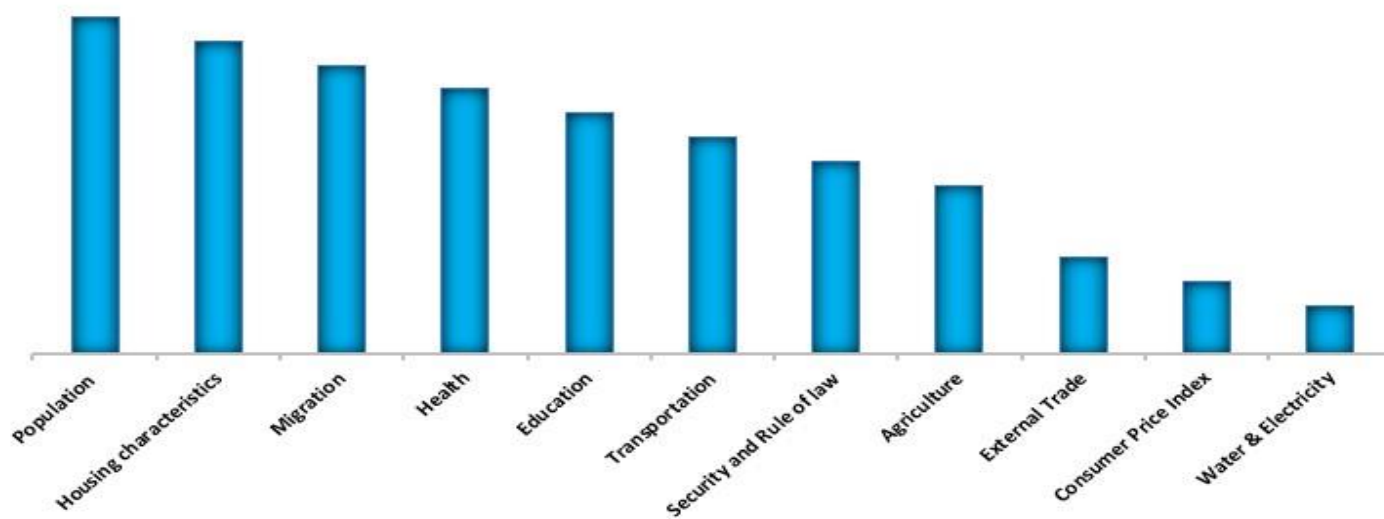


REPUBLIC OF LIBERIA

LIBERIA INSTITUTE OF STATISTICS & GEO-INFORMATION SERVICES



LIBERIA'S SOCIOECONOMIC STATISTICAL BULLETIN



REPUBLIC OF LIBERIA

**LIBERIA INSTITUTE
OF STATISTICS &
GEO-INFORMATION SERVICES**

**LIBERIA'S SOCIOECONOMIC
STATISTICAL
BULLETIN**

Statement of Publication

Since the publication of the 2011 statistical bulletin, the Liberia Institute of Statistics and Geo-Information Services (LISGIS) has not been able to produce another bulletin due to limited staff and the lack of financial support.

The present Socioeconomic Statistical bulletin is a resumption of the publication of regular statistical bulletins on the performance of Liberia's social, demographic and economic environment. Like the previous bulletin, this publication includes social, demographic and economic statistics disaggregated by county, age and sex for most indicators.

LISGIS Management through staff of the Department of Statistics and Data Processing, in collaboration with members of the National Statistical System, and with funding from the World Bank Harmonizing and Improving Statistics in West Africa (HISWA) Project gathered several administrative data for the publication of regular statistical bulletins. Currently, LISGIS is committed to publishing regular statistical bulletins and request for further information from MACs for the production of statistical bulletin regularly. Data users are encouraged to provide feedback for the improvement of future publications.

This publication is available on LISGIS website, hard drive and handy hardcopies.

For additional information, clarification or feedbacks please contact the following persons:

1. Rudi S. Vinton
Tel: +231776946930
Email: rudi.vinton@lisgis.gov.lr
2. Mulbah K. A. Kromah
Tel: +231776310615
Email: mulbah.kromah@lisgis.gov.lr
3. Ezekiel J. B. Kollie
Tel: +231777527744
Email: ezekiel.kollie@lisgis.gov.lr



Acknowledgement

On behalf of the Liberia Institute of Statistics and Geo-Information Services (LISGIS), I extend profound gratitude to all contributors involved in the meticulous compilation and publication of the 2023 Statistical Bulletin.

This milestone underscores our dedicated pursuit of delivering precise, timely and exhaustive data crucial for informing policy decisions and fostering national development. The collaborative synergy between LISGIS and various Government ministries, agencies, commissions, and public corporations has been pivotal in achieving this feat.

I express sincere appreciation to the World Bank for its unwavering support channeled through the Harmonizing and Improving Statistics in West Africa (HISWA) project. Their substantial financial assistance facilitated essential activities that underpinned the production of this vital bulletin.

Special recognition is extended to the Administrative data Technical Committee whose unwavering commitment in furnishing requisite data from their respective institutions significantly shaped this publication. Furthermore, commendation is made to the diligent staff at LISGIS, notably those from the Division of Economic Statistics and National Accounts along with staff from the Division of Social Statistics, whose tireless efforts were instrumental in curating and producing this third socioeconomic bulletin.

Moving forward, LISGIS remains steadfast in its commitment to the consistent dissemination of statistical bulletins, seeking continued collaboration and support from all stakeholders. Feedback from data users holds significant importance as it guides our endeavors towards enhancing the caliber and applicability of forthcoming publications.

I extend sincere gratitude once more to all involved for their invaluable contributions and steadfast dedication to advancing Liberia's socio-economic landscape through comprehensive statistical insights.

Warm regards,

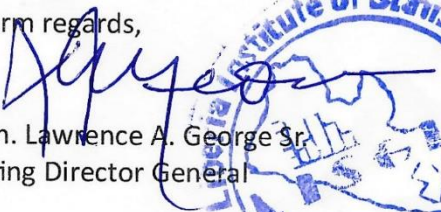

Hon. Lawrence A. George Sr.
Acting Director General



Table of Content

Statement of Publication	I
Acknowledgement	II
Abbreviations and Acronyms	IV
List of Tables	V
List of Figures	VII
Foreword	VIII
Introduction.....	1
Chapter I: Overview of Liberia’s National Statistical System.....	2
SOCIAL STATISTICS	4
CHAPTER II: POPULATION AND HOUSING CHARACTERISTICS.....	5
CHAPTER III: MIGRATION.....	13
CHAPTER IV: EDUCATION.....	20
CHAPTER V: HEALTH	26
CHAPTER VI: TRANSPORTATION	39
CHAPTER VII: SECURITY & RULE OF LAW	43
ECONOMIC STATISTICS	54
CHAPTER VIII: AGRICULTURE	55
CHAPTER IX: EXTERNAL TRADE.....	61
CHAPTER X: CONSUMER PRICE INDEX	70
CHAPTER XI: WATER AND ELECTRICITY.....	81



Abbreviations and Acronyms

ANC	Antenatal Care
ART	Anti- Retroviral Therapy
ARVs	Anti-retrovirals
AUC	African Union Commission
BOT	Balance of Trade
CIF	Cost Insurance Freight
COICOP	Classification of Individual Consumption by Purpose
CPI	Consumer Price Index
CSIOs	County Statistics and Information Offices
ECE	Early Childhood Education
ECOWAS	Economic Community of West African States
EU	European Union
FOB	Free on Board
GDP	Gross Domestic Product
GIS	Geographic Information Systems
HCT	HIV Counseling and Testing
HISWA	Harmonizing and Improving Statistics in West Africa
IDSR	Integrated Disease Surveillance and Response
JSE	Junior Secondary Education
LEC	Liberia Electricity Corporation
LISGIS	Liberia Institute of Statistics and Geo-Information Services
LNP	Liberia National Police
LWSC	Liberia Water and Sewer Corporation
MACs	Ministries, Agencies and Commissions
MOA	Ministry of Agriculture
MOE	Ministry of Education
MOH	Ministry of Health
MOT	Ministry of Transport
NSDS	National Strategy for the Development of Statistics
NSS	National Statistical System
NSSDS	National Statistical and Spatial Data System
NTGL	National Transitional Government of Liberia
PAPD	Pro-poor Agenda for Prosperity and Development
PRS	Poverty Reduction Strategy
SDGs	Sustainable Development Goals
SSE	Senior Secondary Education

List of Tables

Table 2.1. National Population Projections for three Different fertility Scenarios, 2008 – 2063.....	7
Table 2.2. Projected Population by County, 2008-2020 (Medium Fertility Scenarios)	8
Table 2.3 Percent distribution of households by housing characteristics, LDHS 2013 and 2019-2020	9
Table 2.4. Percent distribution of households and de jure population by source of drinking water and time to obtain drinking water	11
Table 2.5. Percent distribution of de jure population access to drinking water by region, county, and wealth quintile	12
Table 3.1. Labor Migrants from ECOWAS Countries by Occupation, Country of origin and Sex.....	15
Table 3.2. Distribution of labor migrants by occupation and region of origin	16
Table 3.3. Immigrants from ECOWAS Countries by educational level, country of origin and sex	19
Table 4.1. Distribution of the number of schools, classrooms, enrollment, and teachers by county.....	22
Table 4.2. Number and Percent of ECE Schools with basic facilities by County	23
Table 4.3. Number and Percent of Primary Schools with basic facilities by County	23
Table 4.4. Number and Percent of JSE Schools with basic facilities by County	24
Table 4.5. Number and Percent of SSE Schools with basic facilities by County	24
Table 4.6. Distribution of Teachers by ownership, level, and qualification.....	25
Table 4.7. Number of Students with Disability by County and Level.....	25
Table 5.1. Total number of consultations by sex and county, 2017-2021.....	28
Table 5.2. Total number of consultations by age category and county, 2017-2021	29
Table 5.3. Total number of reported cases of diseases and deaths in Liberia, 2017-2022	30
Table 5.4. ANC 1st Visit coverage by counties, 2017-2021.....	30
Table 5.5. Total Malaria Cases Diagnosed and Treated, 2017-2021.....	31
Table 5.6. Number of Notified TB cases (new and relapse, all forms), 2017-2021	31
Table 5.7. Number of TB treatment success (TB of all forms), 2017-2021.....	32
Table 5.8. Number of TB cases tested for HIV with positive test recorded by county, 2017-2021.....	32
Table 5.9. Immunization coverage by Antigen and county (in %), 2017-2021	33
Table 5.10. Percentage of Children 0-59 Months Fully Immunized by County, 2017-2021	38
Table 5.11. Number of children 0-59 months with moderate acute malnutrition by county, 2018-2021	38
Table 6.1. Evolution of the number of License plates issued by category.....	41
Table 6.2. Vehicle Population from 2006 – 2015, New Registration & Renewal Stickers	41
Table 6.3. Vehicles registered annually nationwide 2009-2015.....	42
Table 6.4. Vehicles registered annually nationwide by category (2016-2018).....	42



Table 7.1. Number of crimes committed by type of crimes, 2016-2022.....	45
Table 7.2. Number of crimes committed by suspect's age group, 2020-2023.....	49
Table 7.3 Distribution of crimes committed by month and occurrence time, 2020.....	50
Table 7.4. Distribution of crimes committed by month and occurrence time, 2021.....	50
Table 7.5. Distribution of crimes committed by month and occurrence time, 2022.....	51
Table 7.6. Monthly crimes committed per suspect's gender, 2020-2023.....	51
Table 7.7. Public safety: road accidents cases and fatalities.....	52
Table 7.8. Number of police stations per county, 2022.....	53
Table 8.1. Distribution of Agriculture population by sex and county.....	57
Table 8.2. Distribution of the estimated production of Rice and Cassava by county, 2019.....	57
Table 8.3. Distribution of the estimated production of Rice and Cassava by county, 2020.....	58
Table 8.4. Distribution of the estimated production of Rice and Cassava by county, 2021.....	58
Table 8.5. Estimated number of poultry and livestock, 2010 - 2020.....	59
Table 8.6. Annual Fish Production and value (2015-2020).....	59
Table 8.7. Total number of Artisanal boats and Industrial Vessels used in Marine Fishing (2004-2019) ..	60
Table 9.1. Balance of Trade, Total Trade and Exports (FOB) and Imports (CIF) Percentage of Total Trade, 2021.....	63
Table 9.2: Liberia's top leading Imports Commodities by HS6 and their Percentage share of total Import, 2021.....	64
Table 9.3: Liberia's top 10 leading Exports Commodities by HS6, and percentage, 2021.....	65
Table 9.4: Liberia's Top 10 leading Exports (FOB) Partners and their Percentage, 2021.....	66
Table 9.5: Liberia's top 10 leading Imports Partner and Percentage share of total Imports, 2021.....	66
Table 9.6: Export by ECOWAS Countries and Percentage share of total export, 2021.....	67
Table 9.7: Imports by ECOWAS Countries and Percentage of total Import, 2021.....	68
Table 9.8: Exports (FOB) and Import (CIF) By Mode of Transportation, 2021.....	68
Table 9.9. Total Export of Tuna Fish in Kg (2016-2021).....	69
.....	70
Table 10.1. Liberia Consumer Price Index (CPI), Dec.2020-Dec.2021.....	72
Table 10.2. Consumer Price Index (CPI) by COICOP Divisions, 2018.....	73
Table 10.3. Consumer Price Index (CPI) by Other Major Groups, 2018.....	74
Table 10.4. Consumer Price Index (CPI) by COICOP Divisions, 2019.....	75
Table 10.5. Consumer Price Index (CPI) by Other Major Groups, 2019.....	76
Table 10.6. Consumer Price Index (CPI) by COICOP Divisions, 2020.....	77
Table 10.7. Consumer Price Index (CPI) by Other Major Groups, 2020.....	78

Table 10.8 Consumer Price Index (CPI) by COICOP Divisions, 2021	79
Table 10.9. Consumer Price Index (CPI) by Other Major Groups, 2021.....	80
Table 11.1: Volume of water produced by month (in gallons)	83
Table 11.2. Volume of water consumed by month (in gallons).....	84
Table 11.3. Electricity generation and total Kwh sold from 2014-2021 (in Kwh)	85
Table 11.4. Electricity Generated and Sold by month, 2020-2021	85

List of Figures

Figure 1. Distribution of labor migrants by region	16
Figure 2. Percent distribution of Liberians in ECOWAS countries.....	17
Figure 3. Percent distribution of ECOWAS citizens in Liberia by country of origin	17
Figure 4. Distribution of ECOWAS citizens in Liberia by education level	18
Figure 5. Distribution of ECOWAS citizens in Liberia by sex	18
Figure 6. Health Facilities by County	28
Figure 7. Crimes committed in 2020 by suspect gender.....	49
Figure 8. Monthly and Annual Changes in CPI Series	72

Foreword

The Socioeconomic Statistical Bulletin of Liberia presents the most recent information collated using administrative data produced by government ministries, agencies, and commissions (MACs). Since the last statistical bulletin publication in 2011, the Liberia Institute of Statistics and Geo-Information Services (LISGIS) has worked with MACs to enhance coordination among data technicians, aiming to ensure the production of quality and timely data for Liberia. Following the NSDS I (2008 - 2012) and the development of NSDS II (2017 – 2021), Liberia faced two major health crises that impacted NSDS II implementation. However, with support from the World Bank's Harmonizing and Improving Statistics in West Africa (HISWA) project, the compilation of administrative data has commenced. Recently, substantial progress has been made in strengthening coordination among MACs' data technicians to facilitate regular inflow of quality data. This bulletin contains information intended for policymakers, partners, researchers, and the public, sourced from available MACs data.

This bulletin has been compiled with data useful for social and economic development planning. Achieving this milestone involved collaboration between officials at various MACs, allowing their data technicians to work with administrative data compilers at LISGIS, despite competing demands on the technicians for institutional tasks. Strengthening coordination among MACs was pivotal for this collaboration, enabling the technicians to contribute quality data for the bulletin. In recent months, the formation of a technical working group comprising MACs data technicians and an Administrative Data Steering Committee has been instrumental in developing this socioeconomic bulletin.

Introduction

The 2023 Liberia Socioeconomic Statistical Bulletin marks the third publication of statistical bulletins in Liberia since the civil crisis. It signifies a return to regular bulletin releases detailing Liberia's social, demographic, and economic performance. This bulletin is the result of collaborative efforts between LISGIS and various line ministries, agencies, and commissions, funded by the World Bank. The Administrative Data Project, a part of the Harmonizing and Improving Statistics in West Africa Project (HISWA), offers a unique opportunity to sustain this collaboration beyond the HISWA Project's conclusion.

With the impending final evaluation of the national development agenda, the Pro-poor Agenda for Prosperity and Development (PAPD), the collection, compilation, and dissemination of social and economic data becomes increasingly crucial.

This socioeconomic statistical bulletin aims to present pivotal social and economic data useful for national policymakers, development partners, researchers, and more. It also serves to raise awareness among data providers, producers, and users in Liberia regarding the significance of statistics in national development. Alongside providing data for national planning, this bulletin offers an overview of the National Statistical System (NSS).

While most data in this bulletin cover the period from 2016 to 2022, some information predates these years. The data are predominantly presented in summary tables and graphs.

In essence, the 2023 Socioeconomic Statistical Bulletin has been structured to include a Statement of Publication, Acknowledgment, Foreword, Introduction, an overview of the NSS, and ten additional chapters covering key sectors, namely: households' population and housing characteristics, migration, education, health, transportation, security and rule of law, agriculture, external trade, price statistics, water, and electricity

Chapter I: Overview of Liberia's National Statistical System

The National Statistical and Spatial Data System (NSSDS) of Liberia comprises all ministries, agencies, commissions (MACs) of the Government, and other pertinent organizations, including NGOs and private sector agencies. These relevant entities encompass United Nations (UN) Agencies, the European Union (EU), and the United States Agency for International Development (USAID). These organizations are primarily involved in collecting statistical and spatial data, either directly or indirectly, through surveys, specialized studies, country analysis, geo-information, or administrative actions.

The National Statistical System (NSS) of Liberia significantly deteriorated during the civil crisis, resulting in the loss of most existing data. Planned activities, such as the population census, were not carried out as scheduled, leading to severely limited economic statistics that were primarily confined to Monrovia. Social statistics, encompassing health, education, and demographic data, were largely unavailable. The infrastructure supporting statistical activities was destroyed, weakening the capacity to collect, analyze, and utilize essential statistics for decision-making. Challenges persisted, including limited statistical procedures, inadequate record-keeping, poor physical infrastructure, and constrained information and communications technology (ICT). Staff within the NSS received low salaries, had limited training opportunities, and lacked incentives. Moreover, the technological advancements adopted by the international statistical community remained underutilized. As a result, statistics crucial for guiding government policy formulation and decision-making, alongside the efforts of its partners, were largely unavailable.

To revitalize the NSS, the National Transitional Government of Liberia (NTGL) established the Liberia Institute of Statistics and Geo-Information Services (LISGIS) in 2004. LISGIS was entrusted with collecting and compiling key data essential for policy formulation while spearheading the creation, development, and coordination of a National Statistical and Spatial Data System. This marked a new beginning in Liberia's statistical agenda. With considerable support from partners, the government conducted the first post-crisis population and housing census in 2008, along with various economic and social surveys.

In pursuit of its mandate, LISGIS collaborated with NSS institutions to craft the first National Strategy for the Development of Statistics (NSDS I) covering 2008-2012. NSDS I aimed to rebuild statistical capacity and enhance NSSDS coordination. Its overarching goal was to establish a well-coordinated, efficient NSSDS capable of generating and disseminating pertinent, accurate, and timely data for informing policy decisions and Liberia's development agenda.

NSDS I outlined a comprehensive set of actions to address NSSDS challenges. Progress was made, including:

- (a) Facilitating statistics compilation to support the implementation, monitoring, and evaluation of the PRS and MDGs;

- (b) Expanding training opportunities for statisticians;
- (c) Enhancing coordination and harmonization within the NSS;
- (d) Improving statistics dissemination;
- (e) Initiating county-level statistical efforts through County Statistics and Information Offices (CSIOs).

An evaluation, building on a 2010 mid-term assessment, documented achievements, made recommendations, and proposed priority actions for NSDS II.

Initially designed for 2014-2018, NSDS II faced delays due to the 2014 Ebola Virus Disease outbreak, prompting a shift in government priorities. In 2016, LISGIS endeavored to update NSDS II for 2017-2021. NSDS II aims to ensure high-quality statistical and spatial data production, focusing on human resource development, infrastructure capacity building, and other key aspects.

The implementation priorities of NSDS II include:

1. Strengthening human resource development and infrastructure capacity.
2. Enhancing NSS availability and access to statistical information.
3. Improving standards uniformity and data quality.
4. Revising the Statistics Act, 2004.
5. Expanding data sources and county-level statistics.
6. Enhancing statistics and spatial data dissemination.
7. Improving NSS coordination through standards and common methods.

Liberia secured funding from the World Bank HISWA Project to support NSDS II activities. The HISWA Project aided LISGIS in establishing the Administrative Data Project, aimed at enhancing administrative data sources. While progress has been made, the current statistical bulletin predominantly focuses on administrative data obtained from some MACs under this initiative, with ongoing efforts to further improve data availability.

SOCIAL STATISTICS

Social and demographic data play a crucial role in enhancing the living conditions of people within a country. Many national, regional, and international agendas and programs, such as the Pro-poor Agenda for Prosperity and Development, incorporate social and demographic dimensions that necessitate extensive social statistics. As we approach the final evaluation stage of the Pro-poor Agenda for Prosperity and Development (PAPD) and the Sustainable Development Goals (SDGs), the demand for social and demographic statistics concerning Liberia and its inhabitants has further increased. Despite the numerous challenges associated with collecting social and demographic data in Liberia, the Liberia Institute of Statistics and Geo-Information Services, along with various line ministries, agencies, and commissions (MACs), are making concerted efforts to furnish data users with relevant social and demographic information.

In this bulletin, we will present some of Liberia's social statistics produced by LISGIS and the MACs. The following thematic areas are covered:

- Housing characteristics and Household Population
- Migration
- Education
- Health
- Transportation
- Security and Rule of Law

CHAPTER II: POPULATION AND HOUSING CHARACTERISTICS



Population

Liberia currently lacks up-to-date population statistics as the most recent National Population and Housing Census took place in 2008. Subsequently, the Liberia Institute of Statistics and Geo-Information Services (LISGIS) conducted projections based on various fertility and mortality scenarios post the 2008 census.

This chapter aims to present some of these projections, offering the following statistics:

- National Population Projections for three Different Fertility Scenarios, spanning from 2008 to 2018.
- Projected Population by County for the period 2008-2020, based on Medium Fertility Scenarios.

Housing Characteristics

The Liberia Demographic and Health Survey (LDHS) offers insights into households and their housing characteristics. This release focuses on highlighting specific information, including:

- Percent distribution of households by housing characteristics.
- Percent distribution of households and de jure population based on the source of drinking water and time taken to obtain drinking water.
- Percent distribution of de jure population with access to drinking water categorized by region, county, and wealth quintile.

Table 2.1. National Population Projections for three Different fertility Scenarios, 2008 – 2063

Year	Low	Medium	High
2008	3,492,563	3,492,563	3,492,563
2013	3,860,047	3,926,692	3,932,362
2018	4,217,985	4,382,387	4,405,151
2023	4,551,495	4,844,381	4,906,231
2028	4,853,604	5,312,861	5,428,245
2033	5,120,345	5,785,250	5,992,169
2038	5,347,245	6,264,192	6,600,037
2043	5,522,145	6,754,066	7,259,622
2048	5,645,609	7,234,336	7,968,495
2053	5,732,828	7,716,603	8,736,639
2058	5,787,993	8,203,299	9,567,332
2063	5,789,029	8,702,712	10,479,670

Source: 2008 NPHC

Table 2.2. Projected Population by County, 2008-2020 (Medium Fertility Scenarios)

County	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bomi	84,505	86,581	88,661	90,756	92,872	95,009	97,168	99,352	101,560	103,788	106,035	108,284	110,533
Bong	335,011	343,242	351,486	359,794	368,182	376,654	385,212	393,873	402,624	411,457	420,365	429,282	438,197
Gbarpolu	83,771	85,829	87,890	89,968	92,065	94,183	96,324	98,489	100,677	102,886	105,114	107,343	109,573
Grand Bassa	222,710	228,182	233,663	239,185	244,761	250,394	256,083	261,840	267,658	273,530	279,452	285,380	291,307
Cape Mount	127,659	130,796	133,937	137,103	140,299	143,527	146,789	150,089	153,423	156,789	160,184	163,582	166,979
Grand Gedeh	125,833	128,924	132,021	135,141	138,292	141,474	144,689	147,942	151,228	154,546	157,892	161,242	164,590
Grand Kru	58,179	59,608	61,040	62,483	63,939	65,410	66,897	68,401	69,920	71,454	73,001	74,550	76,098
Lofa	278,134	284,967	291,811	298,708	305,672	312,706	319,812	327,001	334,267	341,600	348,996	356,399	363,801
Margibi	210,886	216,068	221,257	226,487	231,767	237,100	242,487	247,939	253,448	259,008	264,615	270,229	275,841
Maryland	136,562	139,917	143,278	146,664	150,083	153,537	157,025	160,556	164,123	167,723	171,355	174,990	178,624
Montserrado	1,123,373	1,150,973	1,178,617	1,206,474	1,234,601	1,263,009	1,291,709	1,320,748	1,350,092	1,379,712	1,409,582	1,439,484	1,469,380
Nimba	464,146	475,550	486,972	498,482	510,103	521,840	533,698	545,696	557,820	570,058	582,400	594,755	607,107
River Cess	71,837	73,602	75,370	77,151	78,950	80,767	82,602	84,459	86,335	88,229	90,140	92,052	93,964
River Gee	67,096	68,744	70,395	72,059	73,739	75,436	77,150	78,884	80,637	82,406	84,190	85,976	87,761
Sinoe	102,861	105,388	107,919	110,470	113,045	115,647	118,274	120,933	123,620	126,332	129,067	131,805	134,543

NPHC, 2008

Household Characteristics

Table 2.3 Percent distribution of households by housing characteristics, LDHS 2013 and 2019-2020

Housing characteristic	2013			2019-2020		
	Residence			Residence		
	Urban	Rural	Total	Urban	Rural	Total
Electricity						
Yes	16.4	1.2	9.8	38.7	4.1	23.9
No	83.6	98.7	90.1	61.3	95.9	76.1
Total	100.0	100.0	100.0	100.0	100.0	100.0
Flooring material						
Earth/sand/mud	21.4	79.6	46.6	19.1	69.7	40.7
Dung	*	*	*	0.8	1.6	1.1
Wood planks	0.6	0.1	0.4	0.0	0.1	0.1
Palm/bamboo	*	*	*	0.0	0.0	0.0
Parquet or polished wood	0.2	0.0	0.1	0.0	0.0	0.0
Floor mat/linoleum/vinyl	6.6	0.6	4.0	5.1	0.8	3.2
Ceramic tiles/terrazzo	6.6	0.6	4.0	9.3	1.2	5.9
Concrete/cement	64.3	19.1	44.7	65.7	26.6	49.0
Carpet	0.4	0.1	0.3	0.1	0.0	0.1
Total	100.0	100.0	100.0	100.0	100.0	100.0
Rooms used for sleeping						
One	44.1	34.7	40.0	41.6	28.9	36.2
Two	25.1	29.2	26.9	19.3	28.1	23.1
Three or more	30.5	36.0	32.9	39.1	43.0	40.8
Total	100.0	100.0	100.0	100.0	100.0	100.0
Cooking fuel						
Electricity	0.1	0.0	0.0	1.0	0.0	0.6
Gas cylinder	0.0	0.0	0.0	0.8	0.3	0.5
Kerosene stove	0.3	0.0	0.2	0.4	0.0	0.3
Fire coal/charcoal	70.3	9.1	43.8	73.6	11.9	47.2
Wood	26.5	90.2	54.1	20.5	86.8	48.8
Straw/shrubs/grass	*	*	*	0.0	0.0	0.0
No food cooked in household	2.7	0.7	1.8	3.7	1.0	2.5
Total	100.0	100.0	100.0	100.0	100.0	100.0
Percentage using solid fuel for cooking ¹	96.8	99.3	97.9	94.1	98.7	96.1

¹ Includes fire coal/charcoal, wood, and straw/shrubs/grass

Housing characteristic	2013			2019-2020		
	Residence			Residence		
	Urban	Rural	Total	Urban	Rural	Total
Percentage using clean fuel for cooking ²	0.1	0.0	0.0	1.8	0.3	1.2
Place for cooking						
In the house	22.2	10.9	17.3	23.4	7.1	16.4
In a separate building	14.9	42.9	27.1	17.6	52.0	32.3
On a porch	23.0	8.9	16.9	33.9	11.6	24.4
Outdoors	37.2	36.6	36.9	21.3	28.0	24.2
No food cooked in household	2.7	0.7	1.8	3.7	1.0	2.5
Other	*	*	*	0.2	0.3	0.2
Total	100.0	100.0	100.0	100.0	100.0	100.0
Frequency of smoking in the home						
Daily	8.8	17.8	12.7	4.1	10.6	6.9
Weekly	0.5	1.4	0.9	2.3	4.3	3.2
Monthly	0.0	0.1	0.1	0.5	0.4	0.5
Less than once a monthly	0.1	0.1	0.1	0.8	0.5	0.6
Never	90.6	80.6	86.2	92.3	84.2	88.9
Total	100.0	100.0	100.0	100.0	100.0	100.0
Number	5289	4044	9333	5195	3873	9068

Liberia DHS, 2013 and 2019-20

² Includes electricity and gas cylinder

*Was not captured during the survey year

Table 2.4. Percent distribution of households and de jure population by source of drinking water and time to obtain drinking water

Characteristic	Households			Population		
	Urban	Rural	Total	Urban	Rural	Total
Source of drinking water						
Improved source	95.3	68.9	84.0	95.0	70.7	84.6
Piped into dwelling/yard/plot	0.9	0.3	0.7	1.4	0.4	1.0
Piped to neighbor	4.2	0.3	2.5	3.7	0.3	2.2
Public tap/standpipe	5.0	0.9	3.3	4.9	0.9	3.2
Tube well/borehole/hand pump	48.4	62.5	54.4	53.4	64.6	58.1
Protected dug well	6.0	2.4	4.5	6.5	2.3	4.7
Protected spring	0.5	1.3	0.8	0.6	1.3	0.9
Rainwater	0.1	0.3	0.2	0.1	0.2	0.2
Tanker truck/cart with small tank	0.7	0.1	0.4	0.7	0.1	0.4
Bottled water/mineral water in sachet	29.5	0.8	17.2	23.8	0.6	13.9
Unimproved source	4.7	31.1	16.0	5.0	29.3	15.4
Unprotected dug well	3.0	7.7	5.0	3.2	7.1	4.8
Unprotected spring	1.0	6.1	3.2	1.3	6.5	3.5
Surface water	0.7	17.3	7.8	0.5	15.8	7.0
Total	100	100	100	100	100	100
Time to obtain drinking water (round trip)						
Water on premises ³	28	7.6	19.3	26.7	7.6	18.6
30 minutes or less	60.2	82.4	69.7	60.1	81.6	69.2
More than 30 minutes	10.3	8.7	9.6	11.4	9.6	10.6
Don't know	1.4	1.3	1.4	1.8	1.1	1.5
Total	100	100	100	100	100	100
Percentage with basic drinking water service ⁴	84.3	61.8	74.7	82.7	63	74.3
Percentage with limited drinking water service ⁵	11	7.1	9.3	12.3	7.7	10.3
Number of households/populations	5,195	3,873	9,068	23,855	17,651	41,506

Liberia DHS 2019-20

³ Includes water piped to a neighbor and those reporting a round-trip collection time of zero minutes

⁴ Defined as drinking water from an improved source, provided either water is on the premises or round-trip collection time is 30 minutes or less. Includes safely managed drinking water, which is not shown separately.

⁵ Drinking water from an improved source, and round-trip collection time is more than 30 minutes or is unknown

Table 2.5. Percent distribution of de jure population access to drinking water by region, county, and wealth quintile

Background characteristic	Improved source of drinking water	Unimproved source of drinking water	Total	Percentage with basic drinking water service	Percentage with limited drinking water service	Number of persons
Region						
North Western	82.6	17.4	100	73.1	9.5	3,496
South Central	89.7	10.3	100	78.1	11.6	18,776
South Eastern A	73.1	26.9	100	69.9	3.2	2,597
South Eastern B	83.1	16.9	100	70.9	12.2	2,420
North Central	80.8	19.2	100	71	9.8	14,217
County						
Bomi	92.1	7.9	100	85.1	7	1,344
Bong	78.1	21.9	100	62.8	15.3	4,061
Gbarpolu	64.9	35.1	100	56.8	8.1	677
Grand Bassa	56	44	100	54.1	1.9	2,356
Grand Cape Mount	82	18	100	69.6	12.4	1,474
Grand Gedeh	96	4	100	90.9	5.1	923
Grand Kru	66.7	33.3	100	54.7	12	755
Lofa	79	21	100	70.2	8.8	3,538
Margibi	86.4	13.6	100	76.6	9.8	2,301
Maryland	90.5	9.5	100	78	12.5	1,160
Montserrado	95.9	4.1	100	82.3	13.6	14,119
Nimba	83.4	16.6	100	76.5	6.9	6,617
River Cess	52.1	47.9	100	50.3	1.7	648
River Gee	90.8	9.2	100	79	11.7	504
Sinoe	65.8	34.2	100	63.2	2.5	1,026
Wealth quintile						
Lowest	54.1	45.9	100	48.6	5.5	8,285
Second	82.5	17.5	100	75	7.5	8,305
Middle	91.5	8.5	100	79.9	11.7	8,307
Fourth	96.9	3.1	100	80.7	16.3	8,298
Highest	98	2	100	87.2	10.8	8,311
Total	84.6	15.4	100	74.3	10.3	41,506

Liberia DHS 2019-2020

CHAPTER III: MIGRATION



MIGRATION

Migration was once perceived merely as the movement of people from one place to another. However, our contemporary understanding of migration has evolved significantly. It now encompasses not only the physical movement of individuals but also the transfer of their ideas, income, labor, and more. When people migrate, they carry with them not just their physical presence but also valuable skills, ideas, and resources crucial for economic growth and development. Studies have demonstrated that migration yields benefit for both the country of origin and the destination country.

Beyond the economic advantages associated with migration, policymakers and human rights organizations are increasingly interested in addressing questions that delve deeper into the dynamics of migration. These include examining the nature of movement (regular or irregular), the treatment of migrants in their destination country (migrants' wellbeing), their contributions to their country of origin through diaspora and remittances, and more.

To address these complex questions and gain a comprehensive understanding of migration, timely, reliable, and comparable migration data is essential. However, collecting migration data in Liberia presents challenges, primarily due to the high costs involved. Nevertheless, the Liberia Institute of Statistics and Geo-Information Services is diligently working to provide relevant migration data to support the needs of data users.

This chapter aims to highlight some of the migration data currently available. The following migration statistics are presented:

1. Labor Migrants from ECOWAS Countries categorized by Occupation, Country of Origin, and Sex.
2. Distribution of labor migrants by region.
3. Labor migrants categorized by Occupation, Region of Origin, and Sex.
4. Percentage distribution of ECOWAS citizens in Liberia by country of origin.
5. Percentage distribution of Liberians in ECOWAS countries.
6. Distribution of ECOWAS citizens in Liberia by sex.
7. Distribution of ECOWAS citizens in Liberia by education level.
8. Immigrants categorized by educational level, country of origin, and sex.

The data presented in this section are based on LISGIS 2019 migration projections.

Table 3.1. Labor Migrants from ECOWAS Countries by Occupation, Country of origin and Sex

Country of origin	Sex	Occupation									Total
		Professionals	Technicians and Associated Professionals	Clerical support workers	Service and sales workers	Skilled agricultural, forestry and fishery	Craft and related trade workers	Machine operators and assemblers	Elementary occupations	Armed forces occupations	
Benin	Male	36	140	35	3	2	24	26	13	-	279
	Female	27	253	32	4	3	32	22	22	-	396
Burkina Faso	Male	44	118	27	7	1	39	16	16	7	274
	Female	38	23	21	1	-	6	-	-	2	91
Ivory Coast	Male	768	926	157	62	24	433	65	65	28	2,527
	Female	772	763	132	54	19	151	10	10	10	1,923
Gambia	Male	67	136	23	10	9	100	22	22	9	398
	Female	39	93	23	4	7	41	4	4	4	219
Ghana	Male	43	246	140	29	1,172	1,297	139	210	93	3,367
	Female	29	165	93	20	782	864	93	140	62	2,246
Guinea	Male	83	664	402	67	5,480	1,387	330	1,730	19	10,164
	Female	55	442	269	44	3,653	925	221	529	13	6,149
Mali	Male	7	43	17	1	257	64	24	14	93	519
	Female	5	28	10	1	171	42	16	8	62	343
Niger	Male	36	43	24	16	17	20	11	13	-	179
	Female	22	36	27	11	23	11	10	11	-	153
Nigeria	Male	41	193	119	18	1,056	104	92	48	139	1,809
	Female	27	128	79	11	704	70	60	31	92	1,203
Senegal	Male	1	14	4	4	54	26	5	2	13	123
	Female	1	9	3	3	35	17	4	2	8	83
Sierra Leone	Male	42	301	157	30	1,330	745	183	640	10	3,440
	Female	27	200	105	20	887	497	123	427	7	2,294
Togo	Male	9	57	51	4	224	140	29	18	224	757
	Female	6	39	34	2	149	93	19	11	150	503

LISGIS 2019 Migration Projection

Figure 1. Distribution of labor migrants by region

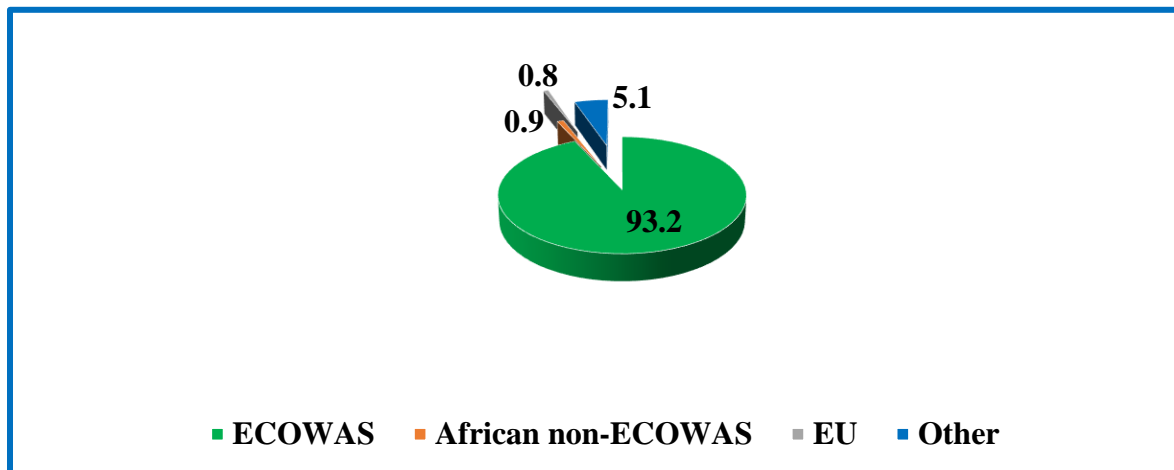


Table 3.2. Distribution of labor migrants by occupation and region of origin

Region of origin	Sex	Occupation								
		Professionals	Technicians and Associated Professionals	Clerical support workers	Service and sales workers	Skilled agricultural, forestry and fishery	Craft and related trade workers	Machine operators and assemblers	Elementary occupations	Armed forces occupations
ECOWAS	Male	1,178	2,879	1,157	251	9,627	4,378	942	2,789	635
	Female	1,048	2,179	830	176	6,433	2,749	583	1,197	410
African non-ECOWAS	Male	27	74	31	4	49	29	7	4	13
	Female	18	50	21	3	32	20	5	3	8
EU	Male	44	84	23	1	24	4	3	5	4
	Female	29	56	15	0	16	3	2	4	2
Other	Male	121	327	124	16	617	40	43	20	-
	Female	80	218	83	10	412	26	13	13	-

Figure 2. Percent distribution of Liberians in ECOWAS countries

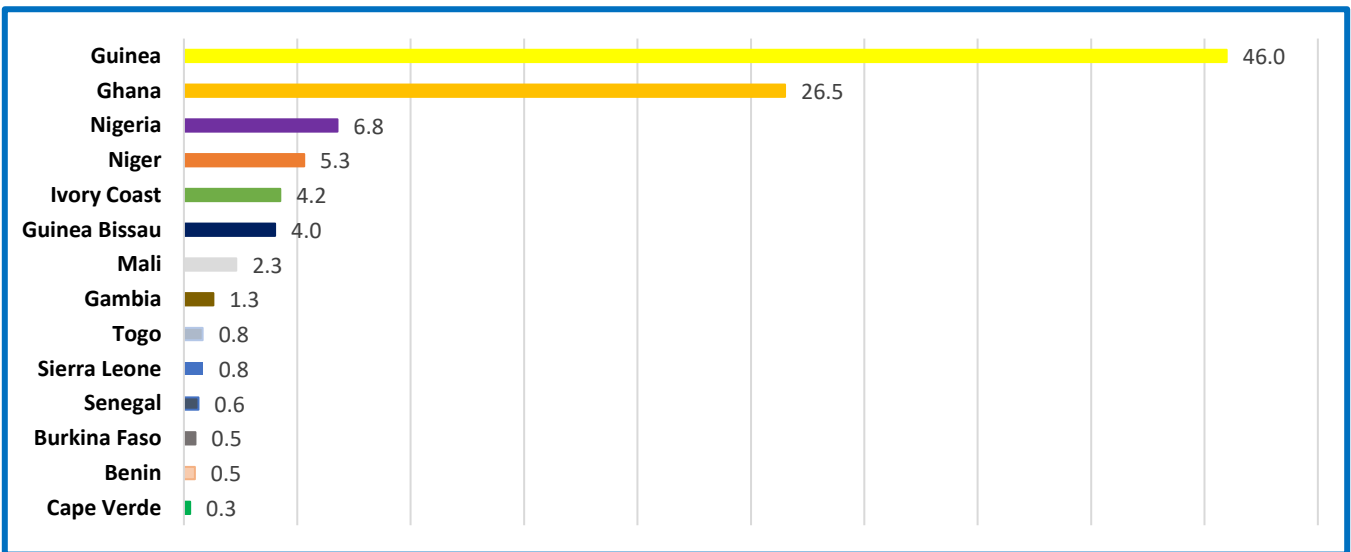
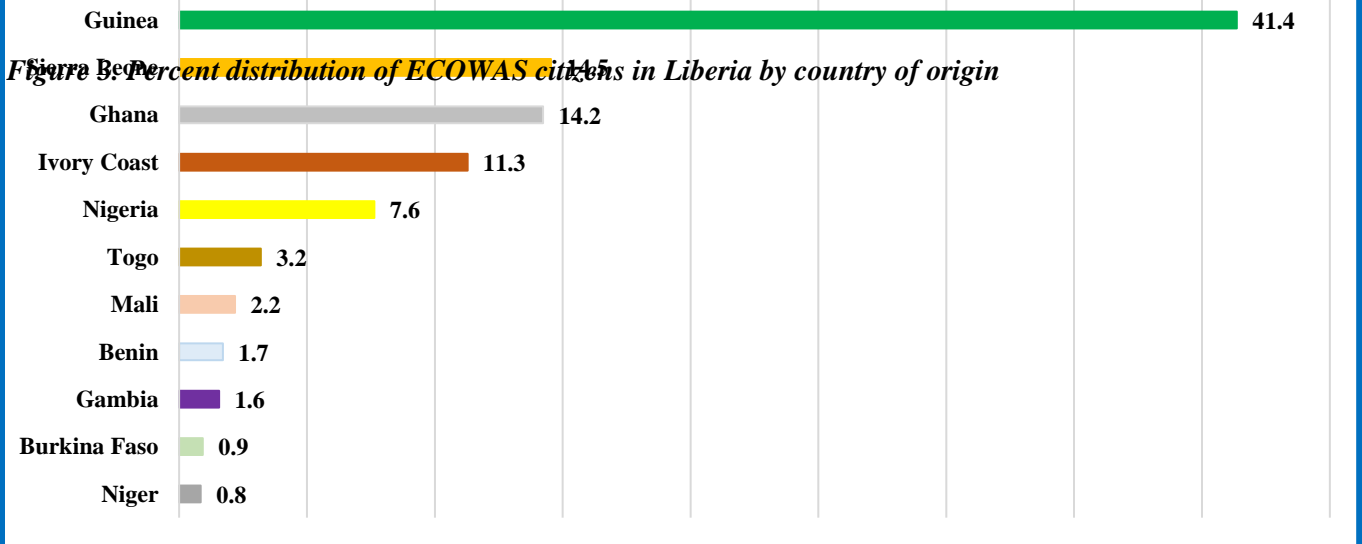


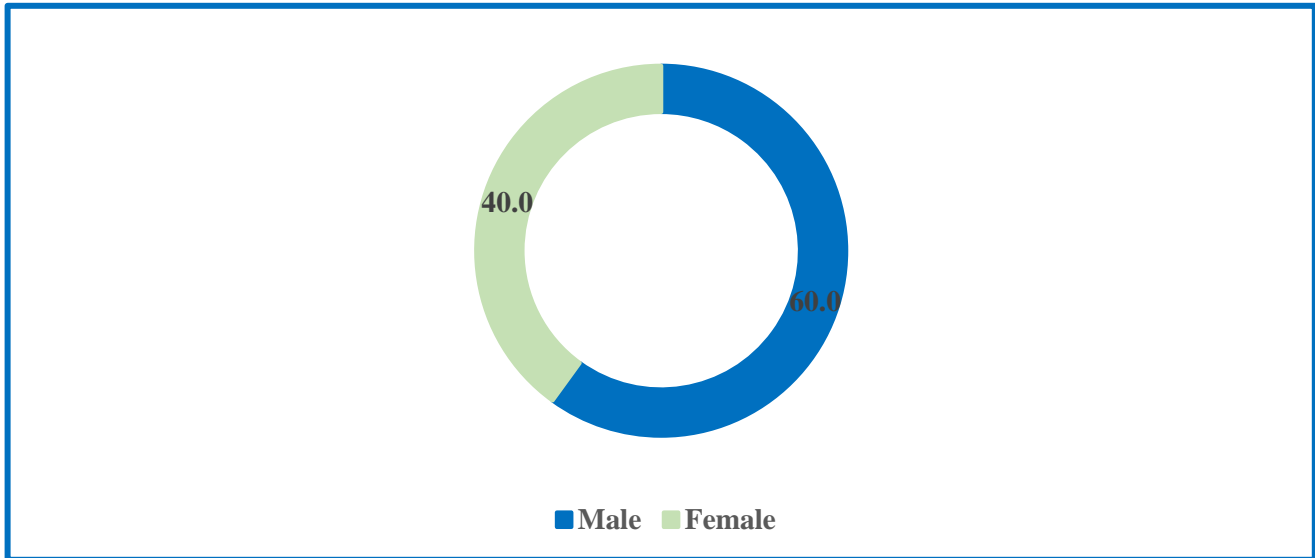
Figure 3. Percent distribution of ECOWAS citizens in Liberia by country of origin



LISGIS 2019 Migration Projection

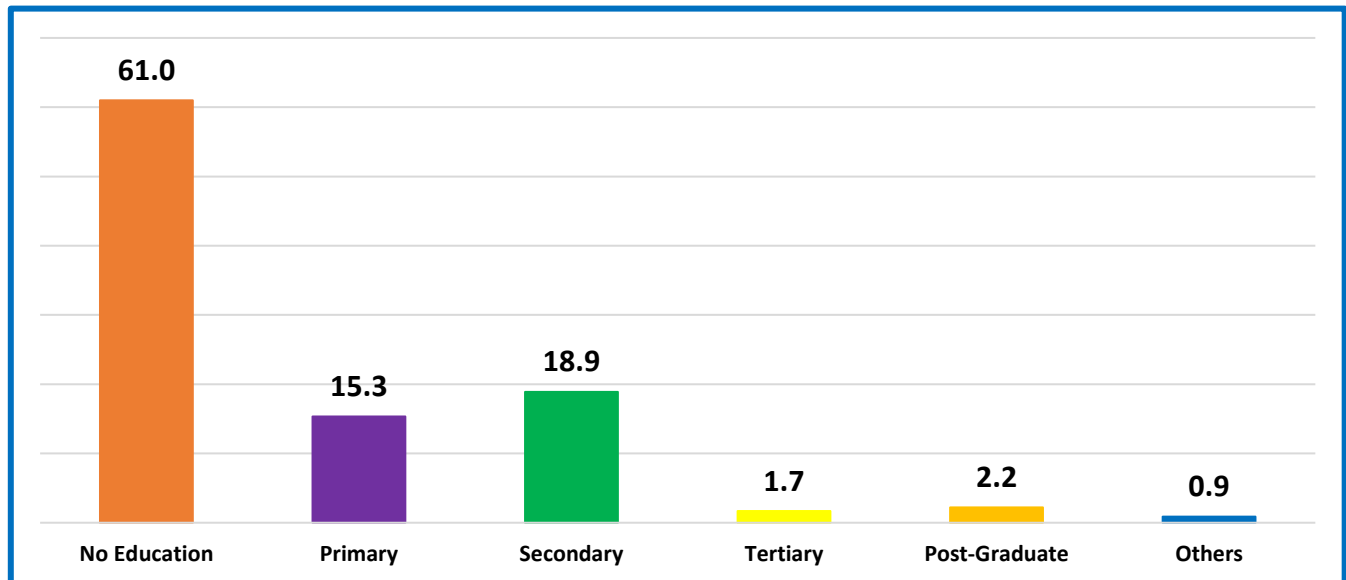
LISGIS 2019 Migration Projection

Figure 4. Distribution of ECOWAS citizens in Liberia by sex



LISGIS 2019 Migration Projection

Figure 5. Distribution of ECOWAS citizens in Liberia by education level



LISGIS 2019 Migration Projection

Table 3.3. Immigrants from ECOWAS Countries by educational level, country of origin and sex

Country of origin	Sex	Educational Status						Total
		No Education	Primary	Secondary	Tertiary	Post-Graduate	Others	
Benin	Male	23	13	4	1	-	-	41
	Female	13	11	2	1	-	-	27
Burkina Faso	Male	143	43	36	8	5	2	238
	Female	96	28	25	6	4	2	162
Cape Verde	Male	32	22	14	2	-	-	70
	Female	16	45	22	6	-	-	89
Ivory Coast	Male	1,900	627	29	29	54	10	2,650
	Female	1,267	417	19	19	35	7	1,764
Gambia	Male	204	66	105	9	31	5	421
	Female	136	44	78	6	21	4	289
Ghana	Male	4,759	1,151	1,693	129	269	104	8,105
	Female	3,172	767	1,129	87	179	70	5,404
Guinea	Male	16,163	3,520	3,612	154	123	102	23,675
	Female	10,775	2,348	2,256	102	81	69	15,630
Guinea Bissau	Male	32	64	75	28	4	-	203
	Female	29	45	26	32	9	-	142
Mali	Male	498	119	169	13	14	4	816
	Female	331	79	113	8	8	3	543
Niger	Male	39	47	53	74	8	1	222
	Female	81	97	33	28	8	1	249
Nigeria	Male	930	492	1,450	229	388	109	3,599
	Female	620	328	967	152	259	73	2,400
Senegal	Male	115	36	62	5	11	1	230
	Female	76	25	42	4	7	0	155
Sierra Leone	Male	3,659	905	1,594	101	109	65	6,433
	Female	2,439	604	1,063	68	73	43	4,290
Togo	Male	139	46	76	11	18	7	297
	Female	93	30	51	7	11	5	198

LISGIS 2019 Migration Projection

CHAPTER IV: EDUCATION



EDUCATION

The following statistics are presented in this chapter:

- Distribution of the number of schools, classrooms, enrollment, and teachers by county;
- Number and Percent of ECE Schools with basic facilities by County;
- Number and Percent of Primary Schools with basic facilities by County;
- Number and Percent of JSE Schools with basic facilities by County;
- Number and Percent of SSE Schools with basic facilities by County;
- Distribution of the number of schools, classrooms by county and ownership;
- Number of Students with Disability by County and Level.

These statistics were obtained from the Ministry of Education 2019/2020 Annual School Census report.

Table 4.1. Distribution of the number of schools, classrooms, enrollment, and teachers by county

County	Schools	Classrooms	Enrollment			Teacher ⁶		
			Total	Male	Female	Total	Male	Female
Bomi	180	1,472	39,202	20,421	18,781	1,108	721	387
Bong	459	3,837	121,176	63,021	58,155	3,949	2,846	1,103
Gbarpolu	139	2,280	25,324	13,505	11,819	918	656	262
Grand Bassa	345	2,908	75,990	39,305	36,685	2,638	1,937	701
Grand Cape Mount	210	1,902	44,623	22,570	22,053	1,652	1,136	516
Grand Gedeh	218	1,981	43,572	21,874	21,698	1,742	1,140	602
Grand Kru	165	1,613	26,427	14,133	12,294	1,142	827	315
Lofa	373	4,398	100,144	52,119	48,025	3,366	2,239	1,127
Margibi	439	3,920	105,051	52,928	52,123	4,316	3,064	1,252
Maryland	244	1,775	50,092	25,505	24,587	1,610	1,030	580
Montserrado 1	1198	7,017	286,625	137,802	148,823	14,286	10,515	3,771
Montserrado 2	1112	5,823	247,438	121,066	126,372	11,606	8,676	2,930
Nimba	787	5,450	178,107	90,672	87,435	8,383	6,285	2,098
River Gee	125	1,041	22,519	11,517	11,002	1,218	822	396
Rivercess	119	907	23,421	12,595	10,826	973	632	341
Sinoe	183	1,761	35,116	18,288	16,828	1,635	1,007	628
Liberia	6296	48,085	1,424,827	717,321	707,506	60,542	43,633	16,909

MOE 2019/2020 Annual School Census report

⁶ Teachers for all levels, excluding tertiary education.

Table 4.2. Number and Percent of ECE Schools with basic facilities by County

County	Schools	% With Water	% With electricity	% With toilet	% With hand washing facility
Bomi	169	71.0	5.3	71.0	69.2
Bong	422	64.2	6.4	64.2	63.5
Gbarpolu	139	44.6	2.2	44.6	33.1
Grand Bassa	332	73.5	6.6	73.5	74.4
Grand Cape Mount	213	64.3	2.3	64.3	78.9
Grand Gedeh	193	68.9	5.2	68.9	65.8
Grand Kru	141	33.3	0.7	33.3	40.4
Lofa	331	48.9	3.6	48.9	51.7
Margibi	405	72.1	22.0	72.1	73.1
Maryland	184	54.9	9.8	54.9	56.5
Montserrado 1	1090	76.4	46.1	76.4	82.8
Montserrado 2	1024	78.8	29.9	78.8	81.5
Nimba	781	61.2	7.0	61.2	48.0
River Gee	119	53.8	0.0	53.8	70.6
Rivercess	118	54.2	1.7	54.2	53.4
Sinoe	190	53.2	0.5	53.2	45.8
Total	5851	66.9	18.2	66.9	67.5

MOE 2019/2020 Annual School Census report**Table 4.3. Number and Percent of Primary Schools with basic facilities by County**

County	Schools	% With Water	% With electricity	% With toilet	% With hand washing facility
Bomi	172	71.5	5.8	71.5	52.9
Bong	453	63.1	5.7	63.1	45.9
Gbarpolu	139	45.3	2.2	45.3	13.7
Grand Bassa	347	70.9	6.6	70.9	58.2
Grand Cape Mount	207	63.8	1.4	63.8	65.2
Grand Gedeh	202	69.8	7.9	69.8	58.4
Grand Kru	140	35	0.7	35	29.3
Lofa	369	48.8	4.3	48.8	29
Margibi	433	72.7	23.3	72.7	62.6
Maryland	211	51.2	10.9	51.2	36
Montserrado 1	1,138	76	46	76	75.5
Montserrado 2	1,072	78.7	29.6	78.7	74.3
Nimba	797	62.1	8.5	62.1	34.1
River Gee	123	52.8	0	52.8	46.3
Rivercess	120	55.8	1.7	55.8	34.2
Sinoe	190	53.2	0.5	53.2	32.1
Liberia	6,113	66.7	18.6	66.7	54.9

Table 4.4. Number and Percent of JSE Schools with basic facilities by County

County	Schools	% With Water	% With electricity	% With toilet	% With hand washing facility
Bomi	32	71.9	12.5	71.9	71.9
Bong	148	75.7	14.9	75.7	62.2
Gbarpolu	22	45.5	9.1	45.5	31.8
Grand Bassa	82	81.7	15.9	81.7	67.1
Grand Cape Mount	53	81.1	5.7	81.1	75.5
Grand Gedeh	58	81.0	20.7	81.0	81.0
Grand Kru	45	40.0	4.4	40.0	35.6
Lofa	98	75.5	10.2	75.5	49.0
Margibi	213	80.8	33.3	80.8	71.8
Maryland	52	73.1	32.7	73.1	48.1
Montserrado 1	668	78.7	50.4	78.7	78.1
Montserrado 2	629	84.9	35.9	84.9	80.4
Nimba	288	72.9	19.8	72.9	48.3
River Gee	23	56.5	0.0	56.5	65.2
Rivercess	17	82.4	17.6	82.4	58.8
Sinoe	46	71.7	4.3	71.7	60.9
Total	2474	78.2	31.6	78.2	69.8

MOE 2019/2020 Annual School Census report

Table 4.5. Number and Percent of SSE Schools with basic facilities by County

County	Schools	% With Water	% With electricity	% With toilet	% With hand washing facility
Bomi	10	90.0	10.0	80.0	80.0
Bong	43	88.4	20.9	88.4	74.4
Gbarpolu	6	66.7	16.7	66.7	33.3
Grand Bassa	26	80.8	23.1	80.8	65.4
Grand Cape Mount	12	83.3	16.7	91.7	91.7
Grand Gedeh	22	100.0	27.3	100.0	81.8
Grand Kru	9	55.6	11.1	55.6	55.6
Lofa	31	83.9	22.6	83.9	67.7
Margibi	66	87.9	51.5	87.9	78.8
Maryland	23	69.6	56.5	69.6	56.5
Montserrado 1	290	82.8	54.5	82.8	81.7
Montserrado 2	283	87.3	42.8	87.3	84.8
Nimba	76	93.4	44.7	93.4	73.7
River Gee	3	66.7	0.0	66.7	66.7
Rivercess	2	50.0	50.0	50.0	50.0
Sinoe	13	69.2	7.7	69.2	76.9
Total	915	85.1	43.2	85.1	79.2

MOE 2019/2020 Annual School Census report

Table 4.6. Distribution of Teachers by ownership, level, and qualification

Level	Qualification	Ownership				Liberia
		Public	Private	Faith-based	Community	
ECE	Trained	2,129	1,937	882	259	5,207
	Untrained	3,858	3,510	1,924	225	9,517
Primary	Trained	3,995	3,812	1,906	475	10,188
	Untrained	6,599	2,990	2,203	508	12,300
JSE	Trained	1,296	1,667	926	183	4,072
	Untrained	5,345	2,216	1,430	282	9,273
SSE	Trained	620	1,067	732	71	2,490
	Untrained	3,748	1,840	1,208	360	7,156
Liberia		27,590	19,039	11,211	2363	60,203

MOE 2019/2020 Annual School Census report

Table 4.7. Number of Students with Disability by County and Level

County	School Level					
	ECE	PRIMARY	JSE	SSE	ALP	Total
Bomi	141	197	11	7	0	356
Bong	154	300	165	31	6	656
Gbarpolu	57	52	5	0	0	114
Grand Bassa	82	118	12	3	3	218
Grand Cape Mount	112	249	0	0	0	361
Grand Gedeh	72	295	44	18	0	429
Grand Kru	143	165	7	2	0	317
Lofa	1,830	193	50	29	27	2,129
Margibi	251	291	69	25	10	646
Maryland	184	418	31	39	0	672
Montserrado 1	501	762	230	143	11	1,647
Montserrado 2	401	719	168	94	0	1,382
Nimba	438	583	111	69	17	1,218
River Gee	69	86	4	0	0	159
Rivercess	24	25	111	0	0	160
Sinoe	301	566	227	1	0	1,095
Total	4,760	5,019	1,245	461	74	11,559

MOE 2019/2020 Annual School Census report

CHAPTER V: HEALTH



HEALTH

In this chapter, we present the following statistics:

- Health facilities by county
- Total number of consultations by sex and county, 2017-2021;
- Total number of consultations by age category and county, 2017-2021;
- Total number of reported cases of diseases and deaths in Liberia, 2017-2022;
- ANC 1st Visit coverage by counties, 2017-2021;
- Total Malaria Cases Diagnosed and Treated, 2017-2021;
- Number of Notified TB cases (new and relapse, all forms), 2017-2021
- Number of TB treatment success (TB of all forms), 2017-2021;
- Number of TB cases tested for HIV with positive test recorded by county, 2017-2021;
- Immunization coverage by Antigen and county (in %), 2017-2021;
- Percentage of Children 0-59 Months Fully Immunized by County, 2017-2021;
- Number of children 0-59 months with moderate acute malnutrition by county, 2018-2021;

These statistics were obtained from the Health Information System (HIS) of the Liberia Ministry of Health (MOH).

Figure 6. Health Facilities by County

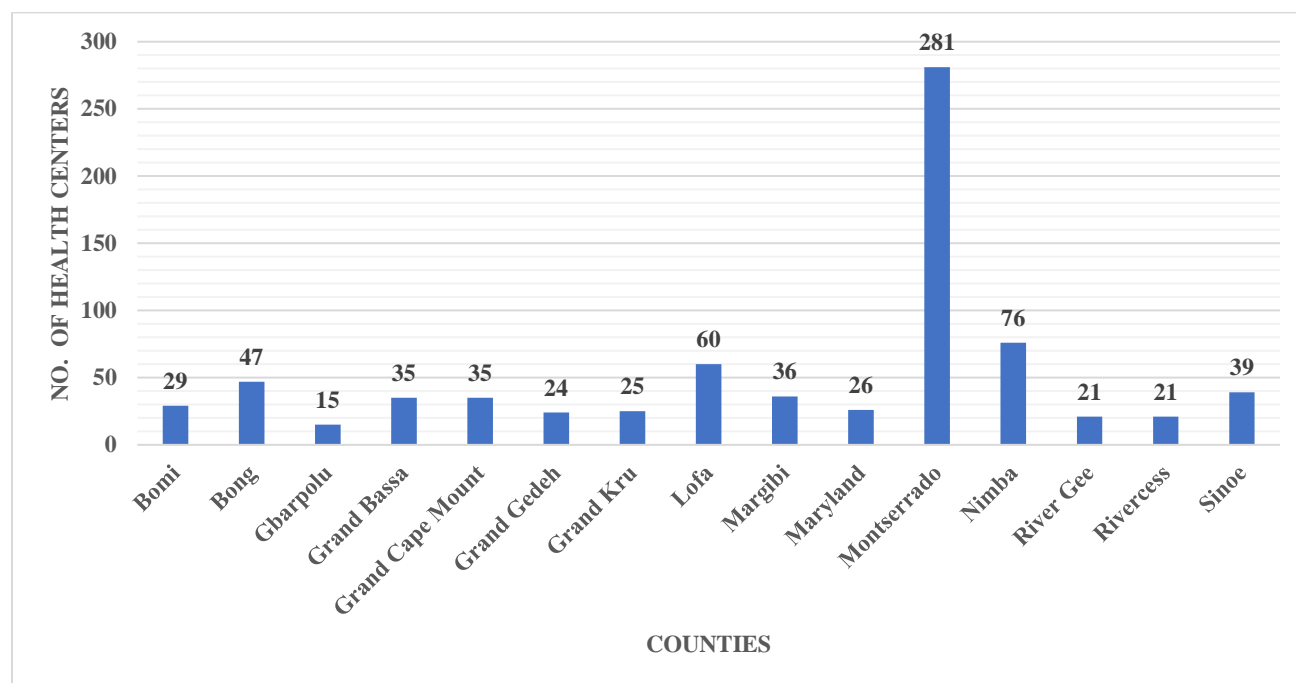


Table 5.1. Total number of consultations by sex and county, 2017-2021

Counties	2017		2018		2019		2020		2021	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
Bomi	10,103	5,737	76,835	43,875	56,488	33,584	57,267	30,104	58,209	30,846
Bong	63,347	33,692	251,773	111,849	211,102	96,068	196,488	86,920	200,686	87,831
Gbarpolu	9,289	5,501	42,387	22,471	37,701	16,874	39,223	15,988	35,893	14,407
Grand Bassa	36,471	23,171	153,191	88,572	144,310	87,573	121,348	71,997	134,592	69,705
Grand Cape Mount	17,430	8,074	75,130	38,212	71,699	32,430	74,916	35,017	78,389	30,748
Grand Gedeh	20,646	13,993	87,035	49,600	90,862	40,476	90,998	37,116	90,316	33,972
Grand Kru	16,891	8,831	61,410	32,340	47,166	24,345	52,082	25,729	51,192	23,932
Lofa	49,407	28,484	204,435	109,751	180,038	89,877	179,615	86,825	171,254	74,989
Margibi	35,828	23,494	147,379	101,993	130,349	93,959	110,604	68,195	128,588	76,268
Maryland	25,611	18,256	116,658	70,588	92,176	55,012	79,784	51,999	95,634	57,079
Montserrado	151,683	93,739	861,920	704,497	874,377	555,070	738,106	450,211	846,237	534,848
Nimba	59,575	29,145	324,645	159,508	297,438	282,229	281,081	129,418	272,907	123,214
River Gee	17,136	8,747	65,160	44,059	54,957	25,794	60,997	29,236	60,320	26,268
Rivercess	3,134	2,125	47,355	27,762	42,544	19,324	48,493	20,977	43,002	17,365
Sinoe	21,869	12,700	120,614	59,126	82,527	47,222	77,595	35,725	76,079	33,353

Table 5.2. Total number of consultations by age category and county, 2017-2021

Counties	2017		2018		2019		2020		2021	
	< 5 yrs.	> = 5 yrs.	< 5 yrs.	> = 5 yrs.	< 5 yrs.	> = 5 yrs.	< 5 yrs.	> = 5 yrs.	< 5 yrs.	> = 5 yrs.
Bomi	4,640	11200	38462	82248	27638	62434	25,549	61,822	26,463	62,592
Bong	34,866	62173	124752	238870	105567	201603	101,068	182,340	100,307	188,210
Gbarpolu	4,460	10330	20913	43945	16987	37588	13,165	42,046	13,166	37,134
Grand Bassa	19,292	40350	79323	162440	79841	152042	67,734	125,611	62,733	141,564
Grand Cape Mount	9,350	16154	38869	74473	33989	70140	32,573	77,360	34,173	74,964
Grand Gedeh	9,100	25539	37285	99350	35094	96244	30,690	97,424	31,883	92,405
Grand Kru	8,522	17200	27476	66274	20898	50613	21,303	56,508	20,766	54,358
Lofa	24,674	53217	92637	221549	80733	189182	84,736	181,704	75,682	170,561
Margibi	17,521	41801	74112	175260	70038	154270	55,803	122,996	57,837	147,019
Maryland	12,391	31476	51778	135468	40541	106647	38364	93,419	39,380	113,333
Montserrado	79,899	165523	595663	970754	452871	976576	377708.3	810,609	439,090	941,995
Nimba	30,958	57762	160200	323953	277427	302240	130453	280,046	126,332	269,789
River Gee	7,435	18448	28155	81064	23253	57498	21674	68,559	24,430	62,158
Rivercess	1,631	3628	24854	50263	18532	43336	18243	51,227	15,850	44,517
Sinoe	11,922	22647	68181	111559	35472	94277	29348	83,972	29,758	79,674
Liberia	276,661	577448	1462660	2837470	1318881	2594690	1048411	2335643	1097850	2480273

Table 5.3. Total number of reported cases of diseases and deaths in Liberia, 2017-2022

Diseases	2017		2018		2019		2020		2021		2022	
	Cases	Death	Cases	Death	Cases	Death	Cases	Death	Cases	Death	Cases	Death
Malaria	1548945	1086	1423904	675	1186844	484	1070267	416	1089016	310	962437	394
Cholera	226	7	63	0	96	3	40	0	73	11	128	12
Diarrhoea	52941	47	35588	21	25698	17	20246	13	20311	14	18208	12
Measles	1461	7	4219	8	1524	1	477	0	275	1	8669	55
Typhoid Fever	117455	30	97416	24	104425	19	98053	31	128508	14	121378	12
Tuberculosis	9541	537	7722	326	8289	351	6927	322	7340	315	6945	286
Pneumonia	16144	18	57399	77	44253	66	37511	73	40350	131	36145	60
Meningitis	317	9	85	9	3	17	335	11	85	20	66	20
Hepatitis B	2312	58	3217	50	3818	25	3185	39	4479	47	3892	46
Diabetes	8597	39	7740	51	9603	45	10280	54	12958	75	12932	107
AIDS	-	-	-	-	-	-	-	-	-	518	-	561
Total	1757939	1838	1637353	1241	1384553	1028	1247321	959	1303395	1456	1170800	1565

Table 5.4. ANC 1st Visit coverage by counties, 2017-2021

Counties	2017	2018	2019	2020	2021
Bomi	1,281	4,560	4,167	3,790	4,152
Bong	4,694	17,514	18,085	21,347	20,634
Gbarpolu	661	2,768	2,631	3,334	3,286
Grand Bassa	3,218	11,248	12,593	11,554	11,269
Grand Cape Mount	1,282	5,392	7,018	7,308	7,657
Grand Gedeh	1,117	5,258	6,642	7,424	7,470
Grand Kru	675	2,504	2,249	2,375	2,405
Lofa	2,821	12,580	14,839	15,417	15,081
Margibi	2,427	11,666	11,551	12,465	11,313
Maryland	1,329	5,227	4,932	4,860	5,132
Montserrado	11,561	62,173	63,421	56,103	62,066
Nimba	6,620	27,071	27,147	27,410	25,743
River Gee	495	2,016	2,172	2,927	3,652
Rivercess	128	2,931	3,150	3,279	3,280
Sinoe	902	4,750	4,860	4,851	4,587
Liberia	39,211	177,658	185,457	184,444	187,727

Table 5.5. Total Malaria Cases Diagnosed and Treated, 2017-2021

Counties	2017	2018	2019	2020	2021
Bomi	46,022	50,028	36,472	33,064	33,523
Bong	160,187	111,763	72,908	64,827	65,278
Gbarpolu	21,845	25,287	19,215	19,505	15,452
Grand Bassa	78,079	70,966	53,575	43,769	47,132
Grand Cape Mount	39,074	41,419	32,234	28,774	29,839
Grand Gedeh	50,498	39,711	37,592	35,003	32,175
Grand Kru	38,295	33,075	21,378	24,319	22,602
Lofa	153,521	114,458	85,614	90,611	76,228
Margibi	83,762	70,247	55,177	40,592	61,956
Maryland	69,014	62,767	43,976	44,290	43,023
Montserrado	397,426	388,138	358,340	291,194	366,646
Nimba	273,690	182,065	146,558	124,496	118,792
River Gee	38,775	32,108	24,247	25,287	25,092
Rivercess	26,498	26,798	21,710	23,307	19,947
Sinoe	45,239	42,072	32,964	33,465	28,925
Liberia	1,521,925	1,290,902	1,041,960	922,503	986,610

Liberia HIS**Table 5.6. Number of Notified TB cases (new and relapse, all forms), 2017-2021**

Counties	2017	2018	2019	2020	2021
Bomi	167	89	106	73	94
Bong	468	212	235	232	345
Gbarpolu	55	32	32	35	40
Grand Bassa	583	299	300	473	293
Grand Cape Mount	215	90	117	130	131
Grand Gedeh	142	132	149	110	76
Grand Kru	97	17	51	40	44
Lofa	155	100	197	153	180
Margibi	805	328	406	369	316
Maryland	745	420	425	429	458
Montserrado	4,724	5,272	5,575	4,249	4,597
Nimba	1,119	581	506	438	546
River Gee	102	86	63	103	104
Rivercess	85	35	40	44	40
Sinoe	79	29	87	49	68
Liberia	11,558	9,740	10,308	8,947	9,353

Table 5.7. Number of TB treatment success (TB of all forms), 2017-2021

Counties	2016	2017	2018	2019	2020	2021
Bomi	33	37	39	35	64	44
Bong	267	284	142	166	103	193
Gbarpolu	26	19	17	35	28	33
Grand Bassa	358	454	236	202	394	326
Grand Cape Mount	59	77	38	54	59	95
Grand Gedeh	76	101	59	96	79	77
Grand Kru	13	62	20	30	31	21
Lofa	72	80	83	109	165	132
Margibi	590	612	289	304	390	260
Maryland	296	456	136	339	328	343
Montserrado	3803	3773	3885	3927	3733	3305
Nimba	598	831	280	358	332	321
River Gee	49	70	33	56	49	89
Rivercess	18	24	18	33	36	45
Sinoe	97	82	21	48	81	40
Liberia	6355	6962	5296	5792	5872	5324

Liberia HIS**Table 5.8. Number of TB cases tested for HIV with positive test recorded by county, 2017-2021**

Counties	2017	2018	2019	2020	2021
Bomi	21	20	33	13	13
Bong	41	29	15	15	25
Gbarpolu	7	3	1	2	2
Grand Bassa	71	54	36	51	29
Grand Cape Mount	28	9	12	18	17
Grand Gedeh	24	27	19	16	9
Grand Kru	1	2	5	1	6
Lofa	8	8	13	9	13
Margibi	84	25	26	27	30
Maryland	138	74	59	56	37
Montserrado	522	704	639	503	541
Nimba	133	55	47	37	52
River Gee	32	31	14	27	23
Rivercess	4	8	5	5	
Sinoe	17	1	10	6	5
Liberia	1131	1050	934	786	802

Liberia HIS

Table 5.9. Immunization coverage by Antigen and county (in %), 2017-2021

Year	Antigen	County														
		Bomi	Bong	Gbarpolu	Grand Bassa	Grand Cape Mount	Grand Gedeh	Grand Kru	Lofa	Margibi	Maryland	Montserado	Nimba	River Gee	Rivercess	Sinoe
2017	BCG	95.2	105.3	80.4	114.3	107.8	60.9	106.5	73.6	91	62.3	77.1	86.8	58.2	83.2	96.1
	OPV 0	75.1	80.3	50.3	70.1	51	64.4	70.2	69.6	67.8	59.3	63.9	75.6	55.7	58.9	53.1
	OPV 1	123.4	120.1	101.2	114.2	80.7	81.1	124.2	98.3	105.8	90.2	75.7	110.5	81	89.9	104.5
	OPV 2	117	94.9	90.9	93.1	72.8	79.9	106.7	79.4	95.4	79.2	67.8	98.1	82.6	80	93.6
	OPV 3	111	114.5	94.4	96.9	73.1	81.9	114.5	90.4	94.5	80.1	72.8	109.4	88.2	82.9	102
	Penta 1	121.6	120.1	100.9	114.2	80.4	80.9	124.6	98.9	105.7	86.8	75.9	112	81.2	89.3	104.4
	Penta 2	115.2	94.9	91	93	72.5	79.7	106.7	79.9	95.7	79.5	68	98.6	82.3	80.4	93.7
	Penta 3	108.8	112.3	90.2	96.4	69.5	75.3	114.5	88	94.5	76.3	70.9	106.6	81.1	82.9	102
	Pneumo 1	123.1	117.4	96.9	113.8	79.5	73.6	124.4	95.8	105.5	80.9	72.9	106.9	82.9	89.6	102.4
	Pneumo 2	107.6	86.2	80.5	85.7	64.3	68	99.2	72.2	88.9	68.7	61.2	87.8	72.8	75.3	87
	Pneumo 3	103	104.4	83.9	88.8	64.9	69.4	106.5	81.7	87.4	71	65.7	98	74.9	78.7	94.5
	Rota 1	119.5	116.2	96.5	110.7	75.8	74.6	123.3	93.7	103.8	79.6	66.7	102	76	89.4	98.9
	Rota 2	113.9	92	87.7	87.9	69.6	72.6	105	77.1	94.7	70.5	59.1	92.2	76.8	81.5	87.4
	Yellow Fever	93.5	106.6	89.6	71.5	60.1	65.6	105.4	89.4	78.9	59.9	61.1	92.3	67.9	71.1	77.7
Measles	92.9	110.3	89.5	82.2	62	65.6	106.6	91.7	77.8	61.5	63	97.3	68.6	73.5	78	

2018	BCG	93	99	81.2	119	71	67.4	100.6	71.3	109.9	81.3	96.9	89.6	60.6	92.2	97.3
	OPV 0	68.3	74.8	48.7	68.8	59	67.1	64.9	70.7	75.7	71.3	87	67.9	50.3	59.5	59.1
	OPV 1	119.5	115.7	94.3	119.8	93.9	83.6	113.1	94.7	126.3	110.3	104.5	105.2	79.9	90.7	103.9
	OPV 2	114.3	97	86.1	97	84.2	78.7	97.9	77.4	110	104.7	92.9	92.2	72.4	82.1	89.9
	OPV 3	109.6	107.2	89.6	100.9	86.8	77.8	105.9	90.4	111.7	105.8	98.9	98.4	80.2	88.1	100.1
	Penta 1	119.9	116.6	94.3	118.7	94	84.2	112	95.1	126.2	109.9	104.4	104.9	79.5	90.5	103.9
	Penta 2	114.3	96.5	86.1	96.4	84.2	78.9	98.2	77.3	110.2	104.9	92.7	91.6	72.3	82.1	90
	Penta 3	109.7	107.7	89.6	101	86.7	78.4	105.6	88.3	111.4	106	98.8	98.5	80.2	87	100.2
	Pneumo 1	119.5	114.9	93.7	119.6	93.6	83.2	112.2	95.3	126.3	110.2	104.1	104.8	80	89.9	103.1
	Pneumo 2	106.3	89.7	80	91	78.1	73.7	91.7	72.4	107.3	97.4	87	85.4	67.6	76.3	85.5
	Pneumo 3	101.8	99.8	82.9	93.4	83.1	71.7	98.3	81.6	104.1	98.4	91.8	91.8	73.9	82.4	92.8
	Rota 1	121.9	114.1	93.5	116.3	93.3	83.3	111.2	94	125.2	107.4	98.9	93	78.6	88.7	102.8
	Rota 2	113.7	93.8	86.8	93.5	84.4	79.5	97.9	77.5	110.1	102.4	87	75.8	71	80.8	89.3
	Yellow Fever	93.5	108.5	84.6	74.8	76.3	54.4	95.4	85	94.4	84.9	81.5	86.3	64.6	83	85.5
Measles	94.2	104.1	84.9	85.1	73.5	64.6	96.1	89	97.1	92	96.9	90.7	71.3	79.7	85.6	
	BCG	76.8	95.3	63.3	101.1	79.3	82.5	80.6	52.1	92.4	63.7	85.7	98.3	63.2	83.4	88.4
	OPV 0	58.3	74.6	46.5	66.7	74.1	78.6	57	51.1	74.7	56.9	76.6	78.2	53.7	66	62
	OPV 1	87	104.8	77.7	98.6	94.2	101.1	86.1	67.6	97.9	81.4	90	111.7	85.6	89.7	98.6
	OPV 2	79.6	94.3	69.9	81.2	82.6	88.2	77	57.1	84.8	76.7	78.8	97.2	74.3	77.7	86.4

2019	OPV 3	75.1	96.8	71.1	86	88.4	89.7	83.4	63.5	87.8	77.6	83.3	106.3	84.7	86.3	94
	Penta 1	87.7	105.2	77.6	98.6	94.2	103.6	88.2	67.4	97.7	81.6	90.8	111.8	85.1	90	98.6
	Penta 2	80.9	94.2	69.9	81.5	82.6	90.6	78.3	57	84.9	76.8	80.2	96.6	74.6	77.1	86.6
	Penta 3	76.4	97.8	71.2	85.9	88.9	91.4	85.1	63.1	87.6	77.9	83.7	106.7	84.5	86.1	94.1
	Pneumo 1	87.4	105.1	81.9	96.2	95.3	103.3	87	67.3	97.6	81.6	90.2	113.3	85.6	90	98.7
	Pneumo 2	74.6	87.7	65.2	77.1	78	84.3	71.8	53.3	78.7	70.7	73.8	90.7	69.5	72.5	80.1
	Pneumo 3	70.3	90.2	66.4	80.2	84.4	84.7	77.7	58.5	81.7	71.9	77.9	99	79.1	80.2	87
	Rota 1	85.9	102	76.5	95.1	90.7	98.1	85.6	66.7	97	78.9	84.1	104	81.1	86.7	97.3
	Rota 2	73.4	86.4	64.4	70	69.8	80.6	68.5	53.6	83.8	68.9	70.4	83.5	64.9	66.5	83.6
	Yellow Fever	72.3	93.3	68.3	67.4	76.3	65.7	84.9	60	77.1	68.7	74.1	103.3	79.2	86.6	87.3
Measles	82.6	96.7	70.2	81.1	86.7	78.8	87.7	63.5	88.7	71.4	80.8	108	93.4	89.3	87.3	
	BCG	84.9	99.4	69.7	92.4	86.6	91.9	92.2	84.6	90.7	72	101	92.9	85	77.9	89.4
	OPV 0	54.4	78.9	50.3	56.9	77.3	88	55.5	85.2	67.5	61.6	88.9	70.6	67.7	60.5	58.9
	OPV 1	106.6	122.9	79.3	91.2	98.3	113	96.8	104.1	98.1	105.2	100.5	100.1	92.5	91.5	95.8
	OPV 2	99.6	109.3	73.5	73.3	86.2	100	87.1	92.1	86.6	97.8	88.9	90.5	85.9	83.2	83.6
	OPV 3	90.1	114.8	71.1	74.2	91	101.1	91.4	97.4	85	100.6	90	90.3	93.7	90	87.8
	Penta 1	99.6	115.2	76.2	87.1	90.5	113.3	96.6	97.9	93.2	101.2	98.4	93.9	93.7	88.5	95.6
	Penta 2	89.8	107.7	69.6	67.3	78	100.2	85.9	86.3	82.1	94.9	88.2	81.2	84.8	80.4	83.3
Penta 3	84.1	108.7	70.1	70.1	84.7	101.2	89	91.4	80.9	94.2	89.6	84.3	92.5	87.3	87.7	

2020	Pneumo 1	104.2	115.4	78.1	91.4	97.8	112.6	96.6	104	97.9	96.6	100.4	98.7	93.3	91.3	95.8
	Pneumo 2	85.4	100.4	66.7	65.9	79	93.3	80.1	85.3	80.6	85.3	83.6	78.7	79.6	78.5	77.7
	Pneumo 3	80.4	101.6	66.6	68.9	85.5	95.6	85.3	90	79.1	83.5	84.9	81.8	87.4	84.7	81.7
	Rota 1	105	114.5	74.9	86.9	94.3	111.7	96.7	98.7	95.7	101.3	93.5	99.1	90.4	91.2	95.2
	Rota 2	90.1	103.3	66.3	59.8	79.5	98	82.9	85.4	81.2	87.4	74.5	81.6	78.4	80.2	81.5
	Yellow Fever	63.1	94.1	103.4	52.4	68	58.4	66.6	83.4	47.6	57.8	56.6	77.3	59.2	74.9	76.4
	Measles	80.2	108.9	63.2	61.3	92.6	91.2	80.2	97	71.2	79.4	81.8	91.4	88.7	74.2	76.7
2021	BCG	89.6	92.4	68.4	88.3	91.7	402.7	94.3	79.1	*	73.1	*	92.7	80.7	75.5	85.1
	OPV 0	65.5	71.6	47.9	62.5	85.9	350.9	59.1	72.1	*	56.8	*	70.2	59.3	60.3	56.6
	OPV 1	107	114.5	77.7	95.5	108.4	404.6	88.7	95.4	*	95.5	*	101.8	77	81.6	91.2
	OPV 2	92	107	69.5	75.9	87.8	377.5	78.8	81.9	*	93.4	*	88.7	65.6	68.7	81.6
	OPV 3	92.8	108.9	68.5	83.2	102.9	383.1	82.9	87.1	*	90.7	*	94.7	73.1	77	87.1
	Penta 1	102.8	111.3	75.4	96.5	99.9	414.4	90.6	102.5	*	104.2	*	102.8	85.6	80.6	91.1
	Penta 2	89.9	104	67.5	76.7	81.5	381.5	79.3	87.5	*	100.9	*	88.5	72.8	68.1	80.8
	Penta 3	89.8	105.6	66.1	80.8	93.1	382	83.7	93.4	*	99.1	*	92.8	82.5	75.2	87.1
	Pneumo 1	108.1	113	80.3	98	107.7	411.9	92.6	104.4	*	107	*	103.5	87.2	81.8	90.8
	Pneumo 2	86.1	97.5	66.5	75.7	82	366.5	75.6	83.5	*	96.6	*	83.6	73.4	65	74.6
Pneumo 3	88.3	99.4	66.1	77.6	94.5	359.8	79.7	89.4	*	94.2	*	88	76.6	71.6	80.5	

	Rota 1	106.9	112.7	79.4	95.2	105.6	406.8	85.9	102.9	*	106.9	*	102.4	65.1	82.7	90.8
	Rota 2	91.8	104	70.6	75.3	87.7	368.7	75.1	89.5	*	104.6	*	89.2	51.5	68.7	80.3
	Yellow Fever	85.4	107.8	65	64.4	93.2	399.8	78.1	99.8	*	92.7	*	100	90.8	60.2	80.4
	Measles	69	100.6	64.6	56.8	79.3	393.3	77.8	93.8	*	90.8	*	95.4	87.2	60.9	79.6

Liberia HIS

Table 5.10. Percentage of Children 0-59 Months Fully Immunized by County, 2017-2021

Counties	2017	2018	2019	2020	2021
Bomi	85.5	92.3	74.2	60.6	70.3
Bong	104	100.7	92.5	94.8	100.9
Gbarpolu	84	84.5	70.6	60.3	64.6
Grand Bassa	59.2	55.1	61.8	52.4	52.7
Grand Cape Mount	62	71.1	78.9	68.1	79.3
Grand Gedeh	54.6	54	69.2	60.1	355.2
Grand Kru	102.9	95.7	82.4	68.6	72.5
Lofa	81.6	83.3	61.6	83.2	93
Margibi	77.7	94.4	76.4	44.4	*
Maryland	54.2	84.7	63.4	46.9	87.8
Montserrado	56.8	77.7	68.2	50	*
Nimba	83.8	79.3	102.8	76	94.7
River Gee	60.2	65	79.5	55.4	87.5
Rivercess	60.6	71.5	84.1	72.9	56.3
Sinoe	74.4	83.1	86.7	74.6	77.8

Table 5.11. Number of children 0-59 months with moderate acute malnutrition by county, 2018-2021

Counties	2018	2019	2020	2021
Bomi	1731	1554	826	2399
Bong	2125	1390	3010	4995
Gbarpolu	480	633	347	1055
Grand Bassa	581	2018	1184	3457
Grand Cape Mount	1203	632	4643	7638
Grand Gedeh	341	1103	1719	4789
Grand Kru	199	391	511	1435
Lofa	1419	4577	5728	3076
Margibi	1297	2425	1301	2992
Maryland	1013	590	402	2720
Montserrado	5148	9165	8844	14081
Nimba	1814	4573	3129	6577
River Gee	508	559	311	649
Rivercess	602	561	300	1389
Sinoe	622	457	278	1241
Liberia	19083	30628	32533	58493

Liberia HIS

CHAPTER VI: TRANSPORTATION



TRANSPORTATION

The following statistics are presented in this section:

- ❖ Evolution of the number of License plates issued by category;
- ❖ Vehicle Population from 2006 – 2015, New Registration & Renewal Stickers;
- ❖ Vehicles registered annually nationwide 2009-2015;
- ❖ Vehicles registered annually nationwide by category (2016-2018);

These statistics were obtained from the Liberia Ministry of Transport (MOT).

Table 6.1. Evolution of the number of License plates issued by category

License plate Category	2016	2017	2018	2019
Passenger Car	12,930	10,911	10,294	4300
Concession, business & passenger buses	738	445	545	254
Cargo vehicles	934	663	572	254
Motorcycles	1172	423	1139	785
Heavy goods vehicles/truck	606	827	483	274
Light duty, small utility trailer & tow pulley	507	633	-	-

Liberia MOT report**Table 6.2. Vehicle Population from 2006 – 2015, New Registration & Renewal Stickers**

<i>Year</i>	<i>Vehicle Category</i>					
	<i>Business</i>	<i>Commercial</i>	<i>Private</i>	<i>Gratis (NG)</i>	<i>Others</i>	<i>Total</i>
2006	2,692	4,748	4,617	1,543	1,611	15,211
2007	2,806	2,415	3,837	1,706	322	11,086
2008	3,391	2,980	5,711	1,779	27	13,888
2009	4,067	3,080	4,059	-	2,093	13,299
2010	5,627	5,641	11,545	1,725	287	24,825
2011	2,200	3,312	14,634	408	63	20,617
2012	6,408	5,095	10,638	1,446	325	23,912
2013	6,885	6,990	14,896	1,559	502	30,832
2014	5,405	5,983	15,204	3,669	125	30,386
2015	5,603	7,552	15,705	2,005	104	30,969
Total	45,084	47,796	100,846	15,840	5,459	215,025

Liberia MOT report

Table 6.3. Vehicles registered annually nationwide 2009-2015

Vehicle category	2009	2010	2011	2012	2013	2014	2015	TOTAL
Business car	4,067	5,627	2,200	6,408	6,885	5,405	5,603	36,195
Commercial car	3,080	5,641	3,312	6,095	6,990	5,983	7,552	38,653
Private car	4,059	11,545	14,364	10,638	14,896	15,204	15,705	86,411
Gratis vehicle	-	1,725	408	1,446	1,559	3,669	2,005	10,812
Others	2,093	287	63	325	502	126	104	3,500
Total	13,299	24,825	20,347	24,912	30,832	30,387	30,969	175,571

Liberia MOT report**Table 6.4. Vehicles registered annually nationwide by category (2016-2018)**

CATEGORY	2016	2017	2018
CATEGORY "A"			
A1	38	104	231
A2	921	1,525	2,154
A3	359	568	957
A4	299	506	882
A5	1,069	1,727	2,528
A6	1,859	3,012	3,168
TAXI	87	204	479
CATEGORY "B"			
B1	140	276	377
B2	20	80	55
B3	11	44	26
B4	-	1	-
CATEGORY "C"			
C1	6	12	8
C2	29	67	63
C3	130	307	333
C4	60	201	211
C5	139	287	299
CATEGORY "H"			
EH	376	652	192
H	-	233	646
T	-	13	8
OTHERS:			
TEST PLATES	-	1	-
CUSTOMIZED PLATES	456	706	661
DIPLAMATIC PLATES	-	-	1
LOST/DAMAGE PLATES	-	1	-
GRAND TOTAL	5999	10527	13279

Liberia MOT report

CHAPTER VII: SECURITY & RULE OF LAW



SECURITY AND RULE OF LAW

The following statistics are presented in this section:

- ❖ Number of crimes committed by type of crimes, 2020-2022;
- ❖ Number of crimes committed by suspect's age group, 2020-2022;
- ❖ Distribution of crimes committed by month and occurrence time, 2020-2022;
- ❖ Monthly crimes committed per suspect's gender, 2020;
- ❖ Crimes committed in 2021 by suspect age group;
- ❖ Crimes committed by occurrence time, 2021;
- ❖ Monthly crimes committed per suspect's gender, 2021;
- ❖ Public safety: road accidents cases and fatalities;
- ❖ Number of police stations per county.

These statistics were obtained from the Liberia National Police (LNP) Crime Statistics report.

Table 7.1. Number of crimes committed by type of crimes, 2016-2022

CRIMES	2016	2017	2018	2019	2020	2021	2022	TOTAL
Abandonment	3	4	0	1	2	5	1	16
Abuse Of Corps	9	0	0	1	0	0	0	10
Aiding Consummation Of Crime	2	2	3	3	2	1	1	14
Aggravated Assault	1237	1115	802	709	649	560	422	5494
Aggravated Involving Sodomy	0	0	0	0	0	1	0	1
Armed Robbery	303	210	134	116	122	129	130	1144
Arson	35	31	26	18	16	30	18	174
Auto Boosting / Theft	76	84	28	14	4	6	4	216
Blackmailing	0	0	0	0	1	0	0	1
Bad Check	0	0	1	1	0	0	0	2
Bigamy	0	1	1	1	0	0	0	3
Burglary	884	754	457	478	344	357	304	3578
Causing And Aiding Suicide	1	1	0	0	0	0	0	2
Consolidation	0	1	0	0	0	0	0	1
Corruption Of Minor	49	68	28	38	64	57	46	350
Counterfeiting	9	6	6	11	5	4	8	49
Criminal Abortion	0	0	7	0	0	0	0	7
Criminal Attempt	41	21	11	6	5	5	5	94
Criminal Attempt To Commit Arson	0	0	0	0	0	0	1	1
Criminal Attempt To Commit Forgery	0	0	0	0	0	0	0	0
Criminal Attempt To Commit Murder	0	4	6	18	15	9	12	64
Criminal Attempt To Commit Rape	0	0	2	3	2	0	0	7
Criminal Attempt To Commit Suicide	0	0	0	0	0	1	3	4
Criminal Coercion	60	51	36	41	40	49	29	306
Criminal Conspiracy	18	25	17	8	7	11	30	116
Criminal Conspiracy To Commit Armed Robbery	0	0	0	7	0	0	0	7
Criminal Conspiracy To Escape	0	0	0	0	1	0	0	1
Criminal Conveyance Of Land	1	4	1	3	8	7	4	28
Criminal Facilitation	55	52	34	35	21	23	23	243
Criminal Malevolence	2	0	0	1	0	1	0	4

CRIMES	2016	2017	2018	2019	2020	2021	2022	TOTAL
Criminal Libel Against The President	0	0	1	0	0	0	0	1
Criminal Mischief	546	532	323	275	275	244	200	2395
Criminal Solicitation	1	0	2	2	0	1	3	9
Criminal Trespass	45	61	42	45	29	37	12	271
Cruelty To Animals	7	7	6	9	7	6	3	45
Defrauding Secure Creditor	5	9	5	6	3	5	7	40
D. Of Character	0	0	0	0	0	0	0	0
Disorderly Conduct	695	599	313	319	283	254	176	2639
Disseminating Obscene Materials	0	0	0	0	1	2	1	4
Domestic Violence	0	0	0	0	0	14	3	17
Economic Sabotage	2	0	0	1	1	0	1	5
Election Fraud	0	11	0	0	0	0	0	11
Endangering Child Welfare	36	27	27	26	15	31	20	182
Escapee	3	1	0	0	0	0	0	4
Extortion	0	0	0	0	1	0	0	1
Failure To Control/ Dangerous Fire	0	0	0	1	0	0	0	1
False Public Alarm	1	0	0	2	0	1	0	4
Felonious Restraint	12	10	7	5	1	2	17	54
Forgery	20	20	12	15	6	4	10	87
Fraud	1	4	0	0	0	0	1	6
Gang Rape	13	10	8	35	45	33	34	178
Gross Sexual Imposition	1	0	0	1	0	0	1	3
Harassment	3	1	0	1	2	1	2	10
Hindering Law Enforcement	1	5	3	4	3	3	3	22
Hit & Run	0	2	1	0	2	1	1	7
Human Trafficking	4	7	6	5	3	8	10	43
Illegal Abortion	2	0	0	0	1	0	0	3
Illegal Adoption	0	0	1	0	0	0	0	1
Illegal Gambling	0	0	1	1	0	0	0	2
Illegal Possession Of Narcotic Drugs	34	23	12	21	2	2	2	96
Illegal Possession Of & Discharged Of Firearm	10	16	0	11	3	1	1	42
Illicit Mining	0	1	0	0	0	0	0	1
Illegal Seizure	1	1	0	0	0	0	0	2
Impersonating Official	6	2	4	3	0	0	5	20
Incest	1	0	1	1	1	0	0	4
Interfering With Child Custody	53	36	21	19	32	42	24	227

CRIMES	2016	2017	2018	2019	2020	2021	2022	TOTAL
Interfering Child Welfare	0	0	1	5	2	1	0	9
Invasion Of Privacy	1	0	0	0	0	0	0	1
Involuntary Sodomy	0	0	0	0	0	1	1	2
Juvenile Delinquency	2	3	2	1	0	1	0	9
Kidnapping	15	19	12	12	10	11	11	90
Loitering	6	5	3	2	0	0	1	17
Manslaughter	19	31	14	17	12	16	14	123
Menacing	181	173	135	148	121	116	74	948
Misapplication Of Entrusted Property	553	556	389	404	312	359	316	2889
Mob Violence	0	0	1	0	2	2	0	5
Murder	91	84	66	56	42	55	80	474
Negligent Homicide	49	34	15	24	10	15	20	167
Obstruction Of Justice	0	1	0	0	1	0	0	2
Obstruction Of Public Highway & Passages	0	0	0	8	0	0	0	8
Obtaining Or Issuing Deceptive Writings	0	1	0	0	0	0	0	1
Offensive Touching	1	1	3	0	1	0	0	6
Official Oppression	1	1	0	0	0	0	0	2
Persons Precluded From Receiving, Possessing, Or Supplying Firearms, Destructive Devices Or Ammunition	0	0	1	1	3	0	0	5
Persistent Non-Support	401	272	162	203	190	241	198	1667
Physical Obstruction Of Government Function	3	3	0	1	1	2	2	12
Possession Of Firearm	0	0	11	0	0	0	0	11
Possession & Sale Of Physical Object For Lethal Used	20	27	26	21	5	22	21	142
Polygamy	0	0	0	0	1	0	0	1
Power Theft	6	6	2	8	2	0	3	27
Property Theft	4544	4334	2712	2680	2265	2037	1705	20277
Prostitution	0	2	0	4	0	0	0	6
Public Nuisance	0	1	0	0	0	0	0	1
Rape	351	266	210	291	302	263	195	1878
Receiving Money Under False Pretense	17	8	7	6	2	2	8	50
Reckless Burning Or Exploding	1	0	0	0	0	1	0	2

CRIMES	2016	2017	2018	2019	2020	2021	2022	TOTAL
Recklessly Endangering Another Life	3	5	2	3	6	3	6	28
Rioting	2	17	7	13	7	29	3	78
Robbery	198	302	222	205	142	148	152	1369
Sedition	0	9	0	0	0	0	0	9
Sexual Abuse Of Ward	1	1	1	1	0	1	0	5
Sexual Assault	15	18	133	13	6	16	11	212
Sexual Harassment	4	5	3	3	1	4	3	23
Simple Assault	2170	1832	1050	1298	1160	1038	767	9315
Smuggling	2	2	0	1	0	0	1	6
Sodomy	10	7	3	4	3	3	5	35
Statutory Rape	21	48	34	42	49	70	16	280
Tempering With Criminal Investigation	1	2	0	2	0	1	0	6
Tampering With Evidence	3	11	1	0	0	0	1	16
Terroristic Threat	201	136	79	114	79	78	52	739
Theft By Deception	0	0	0	0	0	0	1	1
Theft Of Service	39	30	16	27	9	16	15	152
Traffic Offense	60	56	137	23	0	0	0	276
Voluntary Sodomy	0	0	0	1	0	0	0	1
Total	13,280	12137	7856	7963	6770	6500	5260	59766

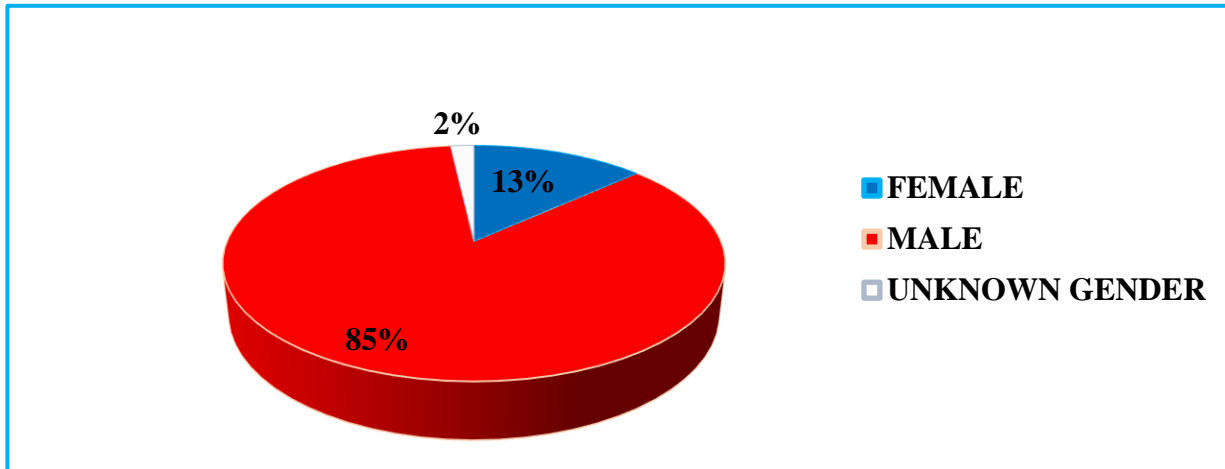
LNP crime statistics report

Table 7.2. Number of crimes committed by suspect's age group, 2020-2023

Suspects age group (in years)	2020	2021	2022
00-17 ⁷	324	330	276
18-24	2161	2119	1648
25-29	1235	1210	945
30-34	961	912	748
35-39	722	675	563
40-44	473	456	387
45-49	263	234	199
50-54	131	137	125
55-59	97	83	62
60+	62	51	46
ADULTS	87	59	62
UNKNOWN AGES	254	234	199
TOTAL	6770	6500	5260

LNP crime statistics report

Figure 7. Crimes committed in 2020 by suspect gender



⁷ Juvenile in conflict with the law.

Table 7.3 Distribution of crimes committed by month and occurrence time, 2020

Month	Occurrence time								
	00:00AM-03:00 AM	03:AM-06:00 AM	06:00AM-09:00 AM	09:00AM-12:0 PM	12:00PM-03:00 PM	03:00PM-06:00 PM	6:00PM-09:00 PM	09:00PM-00:00 AM	Unknown time
Jan.	24	17	117	150	108	101	102	52	38
Feb.	22	19	125	226	128	116	128	76	47
Mar.	27	19	127	208	131	105	83	60	40
Apr.	16	22	150	254	202	159	132	68	40
May	16	13	55	83	49	31	24	29	8
Jun.	16	8	29	81	42	43	36	18	36
Jul.	19	11	88	93	98	81	54	26	21
Aug.	18	10	106	125	108	85	63	32	21
Sept.	24	20	94	185	136	115	83	75	40
Oct.	19	17	95	181	119	107	62	52	16
Nov.	13	22	114	218	99	102	83	55	8
Dec.	29	19	84	130	91	70	69	38	10
Total	243	197	1184	1934	1311	1115	919	581	325

LNP crime statistics report

Table 7.4. Distribution of crimes committed by month and occurrence time, 2021

Month	Occurrence Time									Total
	00:00 Am - 03:00 Am	03:00 Am - 06:00 Am	06:00 - 09:00 Am	09:00 Am - 12:00 Pm	12:00 Am - 03:00 Pm	03:00 - 06:00 Pm	06:00 - 09:00 Pm	09:00 Pm - 00:00 Am	Unknown Time	
Jan.	29	24	96	164	114	91	106	51	29	704
Feb.	23	12	90	167	100	66	70	49	16	593
Mar.	20	17	82	162	122	73	97	50	31	654
Apr.	16	19	72	117	95	63	75	33	35	525
May	21	29	98	153	117	81	73	75	34	681
Jun.	22	11	55	95	70	30	36	21	15	355
Jul.	23	53	90	145	100	78	82	58	38	667
Aug.	27	33	128	157	115	99	90	69	32	750
Sep.	23	18	121	158	81	88	74	35	37	635
Oct.	11	10	59	96	70	56	49	29	22	402
Nov.	16	17	34	68	60	32	27	35	17	306
Dec.	3	7	34	59	43	31	28	17	6	228
Total	234	250	959	1541	1087	788	807	522	312	6500

Table 7.5. Distribution of crimes committed by month and occurrence time, 2022

Month	Occurrence time								
	00:00A M -03:00 AM	03:A M- 06:00 AM	06:00A M -09:00 AM	09:00A M -12:0 PM	12:00P M - 03:00 PM	03:00P M -06:0 PM	6:00PM -09:00 PM	09:00P M-00-00 AM	Unknown time
Jan.	16	27	65	112	71	81	44	42	27
Feb.	15	12	43	106	94	110	33	50	22
Mar.	7	3	56	54	77	55	44	25	28
Apr.	9	14	51	86	57	45	39	16	27
May	35	15	80	108	81	79	71	47	22
Jun.	22	14	65	108	102	83	73	40	27
Jul.	25	14	67	82	55	66	46	49	32
Aug.	17	32	68	107	66	91	50	35	35
Sept.	15	20	61	94	65	50	53	27	16
Oct.	22	21	66	103	83	58	45	30	30
Nov.	34	12	51	74	64	29	46	38	27
Dec.	13	25	42	75	62	48	39	32	18
Total	230	209	715	1109	877	795	583	431	304

Table 7.6. Monthly crimes committed per suspect's gender, 2020-2023

Month	2020				2021				2022			
	Female	Male	Unknown	Total	Female	Male	Unknown	Total	Female	Male	Unknown	Total
Jan	92	523	12	627	102	585	17	704	42	437	6	485
Feb	84	510	19	613	83	500	10	593	61	421	3	485
Mar	81	561	18	660	86	547	21	654	39	306	4	349
Apr	55	341	15	411	94	416	15	525	53	283	8	344
May	55	354	3	412	102	569	10	681	61	464	13	538
June	73	401	13	487	53	293	9	355	57	465	12	534
July	85	470	10	565	71	584	12	667	41	380	15	436
Aug	73	497	1	571	75	661	14	750	55	443	3	501
Sept	45	365	9	419	79	548	8	635	36	348	17	401
Oct	92	574	2	668	48	351	3	402	38	404	16	458
Nov	79	618	10	707	48	257	1	306	45	320	10	375
Dec	86	534	10	630	23	205	-	228	37	312	5	354
Total	900	5748	122	6770	864	5516	120	6500	567	4583	112	5260

Table 7.7. Public safety: road accidents cases and fatalities

Year	Description				
	Total number of road accidents	Total number of Persons involved	Of which: Number of Female	Total number of persons killed	Of which: Number of Female
2010	457	55	*	55	*
2011	4,200	1,600	*	150	*
2012	456	240	*	40	*
2013	982	1,007	*	92	*
2014	1,308	809	*	88	*
2015	2,298	2,806	*	430	*
2016	1,311	1,111	*	125	*
2017	1,183	1,481	*	270	*
2018	2,177	2,608	*	310	*
2019	2,119	1,471	25	278	-
2020	2,280	2,712	135	367	14
Total	18,771	15,900	160	2,205	14

LNP crime statistics report

*From 2010 to 2018, the LNP was not collecting the data by sex.

Table 7.8. Number of police stations per county, 2022

County	Number	percentage
Bomi	5	2.9
Bong	12	6.9
Gbarpolu	6	3.4
Grand Bassa	13	7.5
Grand Cape Mt.	9	5.2
Grand Gedeh	8	4.6
Grand Kru	6	3.4
Lofa	8	4.6
Margibi	14	8.0
Maryland	6	3.4
Montserrado	51	29.3
Nimba	12	6.9
River Gee	6	3.4
Rivercess	4	2.3
Sinoe	14	8.0
Total	174	100.0

ECONOMIC STATISTICS

Economics statistics is very important for understanding the economic progress of a country. Economic indicators such as GDP, Balance of Trade, Inflation rate and unemployment rate are very key in understanding the level of growth and development in a country.

The Economics Statistics Division at LISGIS has produced some statistics in agriculture, external trade, and consumer price index (CPI). In this bulletin, we will highlight some of these statistics. More specifically, the following statistics are provided:

- Distribution of Agriculture population by sex and county;
- Distribution of the estimated production of Rice and Cassava by county, 2019;
- Distribution of the estimated production of Rice and Cassava by county, 2020;
- Distribution of the estimated production of Rice and Cassava by county, 2021;
- Number of Domestic Animals and Poultry (2010 - 2020);
- Annual Fish Production and value (2015-2020);
- Total number of Artisanal boats and Industrial Vessels used in Marine Fishing (2004-2019);
- Balance of Trade (BOT);
- Total trade;
- Exports Free on Board (FOB);
- Cost Insurance Freight (CIF);
- Leading exported and imported commodities in Liberia for 2021;
- Total Export of Tuna Fish in Kg (2016-2021);
- Consumer Price Index (CPI) for 2021.

This section also provides some administrative data from ministries, agencies and commissions, including Ministry of Agriculture, National Fisheries and Aquaculture Authority, Liberia Water and Sewer Corporation and the Liberia Electricity Corporation.

CHAPTER VIII: AGRICULTURE



AGRICULTURE

The agriculture section contains the following statistics:

- Distribution of Agriculture population by sex and county;
- Distribution of the estimated production of Rice and Cassava by county, 2019;
- Distribution of the estimated production of Rice and Cassava by county, 2020;
- Distribution of the estimated production of Rice and Cassava by county, 2021;
- Estimated Number of Poultry and Livestock (2010 - 2020);
- Annual Fish Production and value (2015-2020);
- Total number of Artisanal boats and Industrial Vessels used in Marine Fishing (2004-2019).

These statistics were obtained from LISGIS 2019 projections of the agriculture population and the production of rice and cassava, the Ministry of Agriculture (MOA) and the National Fisheries and Aquaculture Authority (NAFAA).

Table 8.1. Distribution of Agriculture population by sex and county

COUNTY	2019		2020		2021	
	Male	Female	Male	Female	Male	Female
Liberia	545,266	658,690	556,717	672,522	655,916	805,081
Nimba	126,743	144,512	129,405	147,546	153,870	185,728
Bong	96,333	115,103	98,356	117,520	116,857	141,260
Lofa	81,913	93,621	83,633	95,587	99,200	120,278
Grand Bassa	32,535	37,343	33,218	38,127	39,200	47,975
Gbarpolu	24,279	33,219	24,789	33,916	29,370	35,684
Grand Gedeh	21,505	29,357	21,957	29,973	26,000	31,621
Sinoe	25,124	25,423	25,652	25,957	30,300	37,018
Maryland	18,416	24,544	18,803	25,060	22,200	27,144
Grand Kru	18,274	24,132	18,658	24,639	22,086	26,878
Bomi	17,822	23,624	18,196	24,120	21,537	26,214
Grand Cape Mount	17,426	23,113	17,791	23,599	21,056	25,634
Rivercess	16,548	22,333	16,895	22,802	19,100	25,239
Margibi	16,444	21,513	16,789	21,964	19,870	24,191
River Gee	16,518	20,542	16,865	20,973	19,870	24,388
Montserrado	15,387	20,312	15,710	20,738	15,400	25,827

Table 8.2. Distribution of the estimated production of Rice and Cassava by county, 2019

County	Rice			Cassava		
	Hectares	Yields/Ha (kg)	Production (MT)	Hectares	Yields/Ha (kg)	Production (MT)
Bomi	7819	1.096	8,900	2,556	11.209	28,880
Bong	45148	1.075	48,900	3,800	21.469	81,905
Gbarpolu	12013	1.167	14,400	1,898	10.358	19,535
Grand Bassa	11282	1.171	13,600	4,091	12.208	49,355
Grand Cape Mt	7498	1.325	10,400	2,069	12.262	25,205
Grand Gedeh	9340	1.204	11,650	3,288	5.914	21,005
Grand Kru	7418	1.163	9,000	3,240	9.866	31,505
Lofa	45268	0.694	31,400	6,557	7.201	49,355
Margibi	5784	1.627	9,905	3,148	9.500	29,825
Maryland	5879	1.057	10,400	3,390	11.322	37,805
Montserrado	6496	1.265	8,650	5,713	4.604	30,455
Nimba	69400	1.050	55,276	15,692	9.291	149,105
River Gee	5915	1.443	9,050	3,268	6.882	23,105
Rivercess	4972	1.281	6,800	3,434	7.121	25,730
Sinoe	8319	0.971	8,300	3,148	6.632	20,795

LISGIS 2019 projection

Table 8.3. Distribution of the estimated production of Rice and Cassava by county, 2020

County	Rice			Cassava		
	Hectares	Yields/Ha (kg)	Production (MT)	Hectares	Yields/Ha (kg)	Production (MT)
Bomi	8,201	1.141	9,600	2,557	10.067	28,875
Bong	45,506	1.083	49,600	3,797	24.077	81,875
Gbarpolu	12,335	1.199	15,100	1,898	11.381	19,530
Grand Bassa	11,603	1.206	14,300	4,901	13.854	49,350
Grand Cape Mount	7,750	1.387	11,100	2,068	13.697	25,200
Grand Gedeh	9,648	1.248	12,350	3,289	5.521	21,000
Grand Kru	7,758	1.215	9,700	3,239	11.934	31,500
Lofa	46,005	0.694	32,100	6,555	2.202	49,350
Margibi	5,746	1.707	10,335	3,148	9.689	29,820
Maryland	3,309	1.571	11,100	3,389	13.760	37,800
Montserrado	6,782	1.333	9,350	5,714	4.755	30,450
Nimba	57,823	1.048	44,652	15,692	6.880	149,100
River Gee	5,261	1.369	7,500	3,269	3.438	23,100
Rivercess	6,122	1.529	9,750	3,435	6.452	25,725
Sinoe	8,803	1.002	9,000	3,148	6.964	20,790

LISGIS 2019 projection**Table 8.4. Distribution of the estimated production of Rice and Cassava by county, 2021**

County	Rice			Cassava		
	Hectares	Yields/Ha (kg)	Production (MT)	Hectares	Yields/Ha (kg)	Production (MT)
Bomi	8,206	1.180	9,607	2,557	9.954	28,875
Bong	45,507	1.090	49,601	3,797	24.186	81,900
Gbarpolu	12,337	1.227	15,105	1,898	11.471	19,530
Grand Bassa	11,606	1.235	14,305	4,091	13.973	49,350
Grand Cape Mount	7,753	1.432	11,106	2,068	13.802	25,200
Grand Gedeh	9,651	1.283	12,356	3,289	5.450	21,000
Grand Kru	7,762	1.258	9,707	3,239	12.107	31,500
Lofa	46,007	0.693	32,102	6,534	4.817	49,350
Margibi	5,745	1.755	10,339	3,148	9.709	29,820
Maryland	3,231	1.898	11,106	3,389	13.937	37,800
Montserrado	6,786	1.383	9,357	5,714	4.787	30,450
Nimba	57,803	1.045	44,628	15,692	6.530	149,100
River Gee	5,249	1.316	7,479	3,269	2.437	23,100
Rivercess	6,141	1.691	9,780	3,435	6.348	25,725
Sinoe	8,809	1.033	9,008	3,148	7.011	20,790

Table 8.5. Estimated number of poultry and livestock, 2010 - 2020

Year	Chicken	Ducks	Cattle	Goats	Sheep	Pigs
2010	800,780	48,560	10,660	96,750	48,450	64,990
2011	951,260	53,350	7,000	100,000	47,200	65,600
2012	1,000,025	53,974	7,863	126,056	47,376	67,065
2013	1,270,825	60,760	8,275	120,114	48,660	70,520
2014	1,065,715	53,466	8,404	110,781	47,922	67,046
2015	1,056,974	55,438	7,834	111,573	47,929	67,530
2016	1,083,402	53,795	8,305	111,598	47,899	67,132
2017	1,104,246	55,865	7,913	116,853	47,928	67,913
2018	1,138,861	55,549	8,163	122,469	53,253	68,461
2019	1,173,476	50,300	8,421	128,044	58,578	69,009
2020	1,208,090	51,134	8,687	133,620	63,903	69,565

Ministry of Agriculture

Table 8.6. Annual Fish Production and value (2015-2020)

Year	Total quantities (kg)	Values of production in US\$
2015	14,415,220.00	15,876,542.00
2016	17,924,900.00	19,717,390.00
2017	24,200,564.89	26,620,621.38
2018	13,200,000.00	40,939,198.75
2019	25,047,756.00	18,585,908.49
2020	23,443,092.00	17,063,319.89

National Fisheries and Aquaculture Authority

Table 8.7. Total number of Artisanal boats and Industrial Vessels used in Marine Fishing (2004-2019)

Year	Artisanal Boats	Industrial Vessels
2004	499	60
2005	565	32
2006	890	32
2007	1239	32
2008	1709	32
2009	2316	16
2010	3196	16
2011	3269	7
2012	3275	3
2013	3429	4
2014	3575	2
2015	3848	7
2016	3848	46
2017	4254	52
2018	4355	54
2019	4589	58

National Fisheries and Aquaculture Authority

CHAPTER IX: EXTERNAL TRADE



EXTERNAL TRADE

The external trade section contains the following statistics:

- Balance of Trade (BOT);
- Total trade;
- Exports Free on Board (FOB);
- Cost Insurance Freight (CIF);
- Leading exported and imported commodities in Liberia for 2021;
- Liberia's Top 10 leading Exports (FOB) Partners and their Percentage, 2021;
- Liberia's top 10 leading Imports Partner and their Percentage share of total Imports, 2021;
- Export by ECOWAS Countries, and Percentage share of total export, 2021;
- Imports by ECOWAS Countries and Percentage of total Import, 2021;
- Exports (FOB) and Import (CIF) By Mode of Transportation, 2021;
- Total Export of Tuna Fish in Kg (2016-2021);

**Table 9.1. Balance of Trade, Total Trade and Exports (FOB) and Imports (CIF)
Percentage of Total Trade, 2021**

Month	Balance of trade (USD)	total trade (USD)	export % of total trade	import % of total trade
January	(1,394,332,222.44)	1,737,730,231.56	9.88	90.12
February	(84,118,415.52)	104,952,340.64	9.93	90.07
March	(97,214,546.95)	123,133,997.55	10.52	89.48
April	(109,106,808.25)	123,677,386.89	5.89	94.11
May	(113,394,435.53)	141,960,347.33	10.06	89.94
June	(142,666,429.34)	177,670,733.24	9.85	90.15
July	(115,311,629.93)	147,706,292.71	10.97	89.03
August	(174,923,714.37)	197,457,181.37	5.71	94.29
September	(87,976,034.49)	128,718,900.43	15.83	84.17
October	(90,137,003.72)	122,447,952.14	13.19	86.81
November	(115,463,490.72)	148,685,293.80	11.17	88.83
December	(154,622,574.77)	193,886,124.43	10.13	89.87

LISGIS EXTERNAL TRADE Report, 2021

Table 9.2: Liberia's top leading Imports Commodities by HS6 and their Percentage share of total Import, 2021

Code	Label	Import Value (CIF)-USD	% of total Import
100630	Semi-milled or wholly milled rice, whether or not polished or glazed	205,445,741.36	13.12
271019	Gas Oil	115,335,544.97	7.36
271012	Light oils and preparations	87,578,534.20	5.59
300220	Vaccines for human medicine	31,923,104.71	2.04
252310	Cement clinkers	28,740,588.57	1.84
151190	Other oil Put up for retail sale in packings with a net content of 5 liters or less	23,700,983.64	1.51
870423	New 2021 Sino Truck HOWO 6X4N Truck g.v.w. exceeding 20 tones	23,649,094.17	1.51
630900	Worn clothing and other worn articles.	21,984,603.97	1.40
020714	Cuts and offal, frozen	20,553,629.07	1.31
871120	New 2021 Motorcycles, Yamaha AG100 NEW 2021 With reciprocating combustion piston engine of a cylinder capacity exceeding 50 cc but not exceeding 250 cc internal combustion piston engine of a cylinder capacity exceeding 50 cc but not exceeding 250 cc	19,949,174.85	1.27
TOTAL		1,566,031,227.00	100.00

Table 9.3: Liberia's top 10 leading Exports Commodities by HS6, and percentage, 2021

Code	Label	Export Value (FOB) (USD)	% of Total Export
TOTAL		171,699,004.56	100
400122	Technically specified natural rubber (TSNR)	82,910,076.92	48.29
400129	Other natural rubber excluding latex	36,333,648.16	21.16
151110	Crude Palm oil	21,234,408.50	12.37
180200	Cocoa shells, husks, skins and other cocoa waste.	4,525,000.00	2.64
270900	Petroleum oils and oils obtained from bituminous minerals, crude.	4,466,000.00	2.6
180100	Cocoa beans, whole or broken, raw or roasted.	2,325,549.22	1.35
440910	Coniferous Wood	2,135,034.90	1.24
151321	Crude oil	1,907,341.00	1.11
340319	Other Natural Processed Rubber NATURAL 220.50 MTS	1,647,848.88	0.96
310240	Mixtures of ammonium nitrate with calcium carbonate or other inorganic non-fertilizing substances	1,298,235.00	0.76

LISGIS EXTERNAL TRADE Report, 2021

Table 9.4: Liberia’s Top 10 leading Exports (FOB) Partners and their Percentage, 2021

<i>Country</i>	<i>Export Value (FOB)-USD</i>	<i>% of Total Export</i>
TOTAL	171,699,004.56	100
UNITED STATES	73,629,697.82	42.88
BELGIUM	28,778,003.16	16.76
SINGAPORE	12,419,646.59	7.23
MALAYSIA	11,028,950.00	6.42
INDIA	9,964,754.64	5.8
SPAIN	7,626,469.11	4.44
SENEGAL	3,623,911.47	2.11
NETHERLANDS	3,463,000.00	2.02
CONGO	3,452,400.00	2.01
CHINA	3,167,191.82	1.84

LISGIS EXTERNAL TRADE Report, 2021

Table 9.5: Liberia’s top 10 leading Imports Partner and Percentage share of total Imports, 2021

<i>Country</i>	<i>Import Value (CIF) - USD</i>	<i>% of Total Import</i>
Total	1,566,031,227.00	100
INDIA	263,051,606.40	16.8
CHINA	169,375,522.30	10.82
COTE D'IVOIRE	127,292,112.74	8.13
UNITED ARAB EMIRATES	126,354,836.15	8.07
TURKEY	119,282,465.86	7.62
UNITED STATES	95,736,498.41	6.11
BELGIUM	72,865,524.35	4.65
TOGO	61,650,425.44	3.94
LEBANON	50,712,552.30	3.24
SINGAPORE	42,099,717.75	2.69

LISGIS EXTERNAL TRADE Report, 2021

Table 9.6: Export by ECOWAS Countries and Percentage share of total export, 2021

Country	Export Value (FOB)-USD	% of Total Export
Total	5,206,038.32	100.00
SENEGAL	3,623,911.47	69.61
SIERRA LEONE	848,445.53	16.30
TOGO	231,000.00	4.44
COTE D'IVOIRE	170,447.60	3.27
GHANA	158,373.34	3.04
MAURITANIA	61,090.38	1.17
NIGER	56,400.00	1.08
BURKINA FASO	42,370.00	0.81
NIGERIA	14,000.00	0.27

Table 9.7: Imports by ECOWAS Countries and Percentage of total Import, 2021

Country	Import Value (CIF)-USD	% of Total Import
Total	260,018,794.23	100.00
COTE D'IVOIRE	127,292,112.74	48.95
TOGO	61,650,425.44	23.71
SENEGAL	30,561,811.65	11.75
GHANA	18,671,232.00	7.18
GUINEA	8,778,252.45	3.38
NIGERIA	4,552,938.16	1.75
GUINEA-BISSAU	3,161,791.73	1.22
MAURITANIA	2,045,452.87	0.79
GAMBIA	1,390,580.56	0.53
BENIN	1,000,001.63	0.38

LISGIS EXTERNAL TRADE Report, 2021

Table 9.8: Exports (FOB) and Import (CIF) By Mode of Transportation, 2021

Mode of transport	Export Value (FOB) (USD)	% of Total Export	Import Value (CIF)-USD	% of Total Import
Total	171,699,004.56	100	1,566,031,227.00	100
Sea	154,529,104.10	90	1,456,409,041.11	93
Air	12,018,930.32	7	93,961,873.62	6
Road	5,150,970.14	3	15,660,312.27	1

Table 9.9. Total Export of Tuna Fish in Kg (2016-2021)

Species	2016	2017	2018	2019	2020	2021
Yellow fin Tuna	789,306.67	4,366,170.00	4,826,911.00	2,726,030.00	4,280,821.19	2,065,000.00
Big Eye Tuna	388,000.00	353,410.00	1,664,516.50	629500.00	988,535.32	470,000.00
Skip Jack Tuna	1,557,883.33	5,236,900.00	3,135,422.00	5950000.00	9,343,582.46	7,544,000.00
Frigate Tuna	4,000.00	18,270.00	630205.5	59000.00	92,650.65	19,000.00
Marlin	7,000.00	8,040.00	-	-	-	-
Other Species	132,000.00	657,360.00	2,760.00	320800.00	503,768.28	192,100.00
ALB	-	-	-	3000.00	4,711.05	-
LTA	-	-	-	3000.00	4,711.05	-
Total:	2,878,190.00	10,640,150.00	10,259,815.00	9,691,330.00	15,218,780.00	10,290,100.00

CHAPTER X: CONSUMER PRICE INDEX

**LET'S GO
WATER-
SIDE
MARKET**

LIBERIA'S BEST KNOWN
MARKET IN THE CITY CENTRE



CONSUMER PRICE INDEX

This section contains the following statistics:

- Liberia Consumer Price Index (CPI), Dec.2020-Dec.2021;
- Monthly and Annual Changes in CPI Series;
- Consumer Price Index (CPI) by COICOP Divisions, 2018;
- Consumer Price Index (CPI) by Other Major Groups, 2018;
- Consumer Price Index (CPI) by COICOP Divisions, 2019;
- Consumer Price Index (CPI) by Other Major Groups, 2019;
- Consumer Price Index (CPI) by COICOP Divisions, 2020;
- Consumer Price Index (CPI) by Other Major Groups, 2020;
- Consumer Price Index (CPI) by COICOP Divisions, 2021;
- Consumer Price Index (CPI) by Other Major Groups, 2021.

Table 10.1. Liberia Consumer Price Index (CPI), Dec.2020-Dec.2021

Year / Month	Index Dec 2005= 100	Change rate (%)	
		Monthly (m/m)	Yearly(y/y) Inflation
Dec-20	542.66	-0.36	13.12
Jan-21	546.73	0.75	12.92
Feb-21	541.90	-0.88	10.50
Mar -21	549.35	1.36	9.96
Apr-21	546.87	-0.45	9.41
May-21	551.56	0.86	8.16
Jun-21	562.26	1.94	8.10
Jul-21	596.71	6.13	7.12
Aug_21	603.65	1.16	7.00
Sep-21	604.25	0.10	6.69
Oct-21	593.00	-1.85	4.42
Nov-21	574.20	-3.17	5.44
Dec-21	572.28	-0.33	5.46

LISGIS CPI Report, 2021

Figure 8. Monthly and Annual Changes in CPI Series

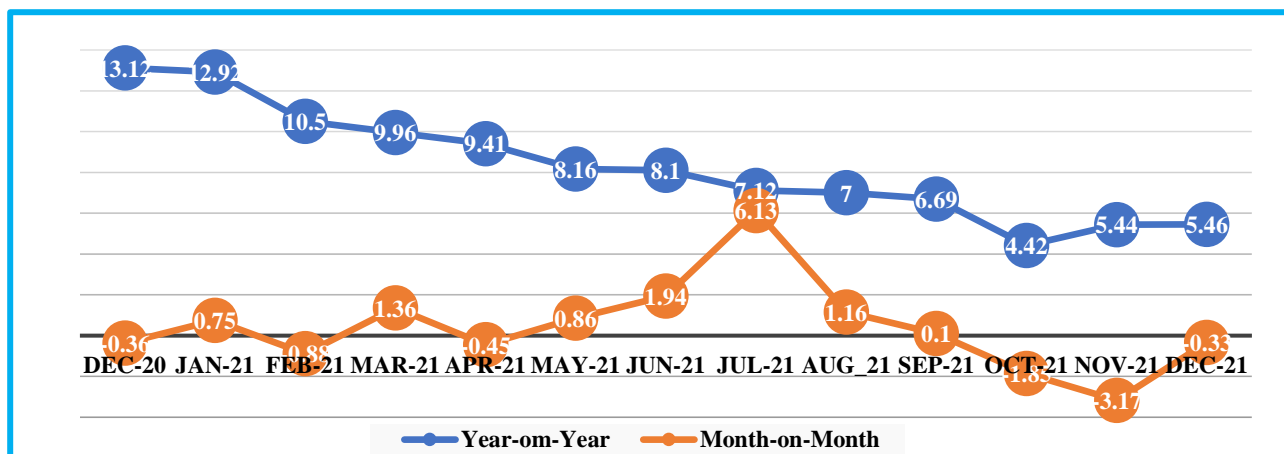


Table 10.2. Consumer Price Index (CPI) by COICOP Divisions, 2018

COICOP DIVISIONS	Dec-17	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
General Index	310.38	317.87	319.64	326.30	330.94	334.62	353.88	366.41	374.31	379.44	382.10	389.59	398.92
Food and non-alcoholic beverages	339.78	352.32	349.95	363.33	369.51	372.90	391.02	401.56	411.06	421.35	419.61	427.06	443.33
Alcoholic beverages, tobacco and narcotics	283.66	284.29	283.26	288.19	296.66	291.61	316.26	333.46	359.97	358.27	359.16	365.41	366.17
Clothing and footwear	421.93	428.75	431.54	430.30	432.33	434.66	435.23	455.28	472.38	475.43	478.25	494.12	506.98
Housing, water, electricity, gas and other fuels	150.64	150.47	148.94	153.43	164.77	157.59	165.75	176.36	179.74	182.40	185.24	186.92	184.81
Furnishings, household equipment and routine household maintenance	364.57	368.13	366.99	384.47	401.92	431.74	448.70	481.61	470.50	473.91	486.12	488.79	497.43
Health	119.57	120.31	122.80	123.07	124.89	125.32	130.70	135.78	135.30	138.93	143.03	142.86	145.42
Transport	447.91	462.25	477.89	492.47	489.58	496.23	567.82	578.13	572.99	574.08	578.17	594.16	605.10
Communication	91.72	91.90	95.10	96.53	94.99	101.32	105.14	111.58	111.50	111.60	115.84	117.99	117.97
Recreation and culture	301.01	306.82	306.72	301.39	302.62	307.96	323.13	336.79	343.06	345.32	353.93	354.78	361.55
Education	100	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Restaurants and hotels	443.72	471.06	473.23	461.48	451.67	450.08	502.05	503.14	558.98	560.27	546.06	581.82	609.10
Miscellaneous goods and services	257.87	256.24	262.39	267.56	278.77	281.02	290.42	307.53	308.57	311.56	325.81	323.04	325.47

Table 10.3. Consumer Price Index (CPI) by Other Major Groups, 2018

OTHER MAJOR GROUPS	Dec-17	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
All Imported Items	323.48	247.44	244.40	255.68	249.42	251.15	264.45	269.41	272.67	277.68	282.96	283.89	287.77
All Domestic Items	315.18	238.67	235.80	235.73	240.97	238.41	250.54	258.39	258.27	257.08	260.45	262.10	261.60
Imported Food Items	333.72	270.93	265.18	284.83	272.56	277.61	285.80	296.71	303.23	310.08	315.48	317.27	319.22
Domestic Food Items	339.64	317.20	308.16	307.76	305.42	296.32	311.97	330.40	330.52	326.17	334.38	337.22	331.07
Imported Fuel	218.68	146.28	140.34	140.34	141.50	145.17	150.05	155.12	152.48	152.57	155.74	155.65	158.89

LISGIS CPI Report, 2018

Table 10.4. Consumer Price Index (CPI) by COICOP Divisions, 2019

COICOP DIVISIONS	Dec-18	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
General Index	398.92	391.87	389.96	410.45	408.01	430.78	459.72	475.85	491.54	496.68	498.82	493.32	479.71
Food and non-alcoholic beverages	443.33	458.62	446.58	448.39	467.44	484.26	516.91	529.08	553.24	561.15	555.46	557.34	545.47
Alcoholic beverages, tobacco and narcotics	366.17	360.86	364.53	393.64	407.33	425.15	438.14	434.54	446.65	448.78	463.25	453.34	444.37
Clothing and footwear	506.98	472.44	483.97	492.65	494.93	525.67	558.34	647.51	676.06	616.90	624.97	577.45	559.07
Housing, water, electricity, gas and other fuels	184.81	189.82	191.58	210.52	213.40	224.36	231.80	236.37	239.25	243.00	244.78	225.82	217.94
Furnishings, household equipment and routine household maintenance	497.43	510.45	522.27	524.86	513.05	565.99	600.97	619.17	630.14	669.47	656.45	651.48	619.92
Health	145.42	131.20	135.66	143.55	142.30	142.53	142.83	147.28	150.99	155.22	157.41	164.01	153.42
Transport	605.10	579.54	575.69	603.19	617.52	687.55	717.56	741.29	747.88	764.67	766.13	766.44	763.94
Communication	117.97	112.42	112.87	123.35	122.96	129.56	137.31	139.21	144.89	146.20	146.18	144.30	138.88
Recreation and culture	361.55	363.43	363.85	359.96	366.12	389.84	412.81	465.03	434.87	441.77	446.29	434.41	414.07
Education	100.00	103.86	104.23	104.51	105.49	108.91	111.82	113.11	113.98	114.85	115.42	113.00	110.51
Restaurants and hotels	609.10	545.71	537.82	631.01	541.64	595.73	685.56	724.25	761.10	761.10	782.96	784.22	771.12
Miscellaneous goods and services	325.47	332.49	339.03	361.88	382.32	401.13	429.89	420.75	423.78	435.40	445.35	406.59	388.11

LISGIS CPI Report, 2019

Table 10.5. Consumer Price Index (CPI) by Other Major Groups, 2019

Other Major Group	Dec-18	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
All Imported Items	287.77	408.48	413.47	420.83	428.28	446.62	482.43	501.65	517.10	520.22	520.34	514.93	495.29
All Domestic Items	261.60	380.08	374.36	405.41	397.33	422.82	447.43	463.76	480.39	485.18	488.68	481.51	470.60
Imported Food Items	319.22	427.98	426.18	422.96	439.67	461.22	512.57	517.30	536.57	548.64	541.37	535.65	517.50
Domestic Food Items	331.07	483.41	458.03	466.33	487.90	497.85	503.57	526.71	556.72	558.43	555.77	567.16	564.28
Imported Fuel	158.89	295.00	294.46	298.01	292.66	297.97	324.13	359.04	355.58	355.58	369.48	361.21	372.59

LISGIS CPI Report, 2019

Table 10.6. Consumer Price Index (CPI) by COICOP Divisions, 2020

COICOP DIVISIONS	Dec-19	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
General Index	479.71	484.18	490.40	499.61	499.86	509.95	520.13	557.05	564.15	566.35	567.89	544.59	542.66
Food and non-alcoholic beverages	545.47	560.34	559.41	585.07	608.78	621.22	625.87	623.49	643.17	640.21	637.92	635.13	631.33
Alcoholic beverages, tobacco and narcotics	444.37	459.95	468.46	483.56	485.76	486.31	493.22	492.74	494.29	495.31	493.98	455.43	435.95
Clothing and footwear	559.07	560.52	594.57	571.00	566.10	567.05	570.40	592.19	566.53	569.95	580.38	508.61	498.19
Housing, water, electricity, gas and other fuels	217.94	221.00	224.26	225.89	236.25	243.39	244.72	256.28	256.29	257.01	252.77	239.88	241.87
Furnishings, household equipment and routine household maintenance	619.92	645.23	659.11	553.31	543.70	572.52	616.88	608.48	626.99	641.62	624.64	551.38	566.28
Health	153.42	154.58	153.80	154.79	154.87	167.91	179.81	248.93	248.08	248.00	246.11	235.80	235.37
Transport	763.94	752.12	751.54	756.58	760.58	762.88	809.97	809.87	835.39	843.63	850.89	818.78	811.98
Communication	138.88	137.69	139.83	140.18	139.39	140.24	140.58	140.63	140.63	140.55	138.69	128.79	126.63
Recreation and culture	414.07	423.77	432.73	430.21	427.05	428.67	438.70	438.86	451.70	451.39	438.02	403.87	402.23
Education	110.51	111.32	112.34	112.58	112.64	112.71	112.85	151.68	152.00	151.93	150.00	150.00	150.00
Restaurants and hotels	771.12	749.22	777.98	828.63	757.41	757.41	763.08	857.67	859.79	873.14	914.26	865.49	863.97
Miscellaneous goods and services	388.11	405.41	413.27	415.90	412.63	419.60	426.15	418.40	415.05	422.84	412.01	354.75	350.26

Table 10.7. Consumer Price Index (CPI) by Other Major Groups, 2020

Other Major Group	Dec-19	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
All Imported Items	495.29	498.02	508.53	508.46	510.59	528.49	539.59	558.07	552.47	563.75	560.43	536.33	522.79
All Domestic Items	470.60	475.49	479.55	494.20	493.90	500.55	510.53	575.93	589.86	587.58	591.59	566.63	570.79
Imported Food Items	517.50	521.67	533.51	538.20	551.28	565.88	561.20	595.78	593.03	611.62	605.97	601.83	578.35
Domestic Food Items	564.28	593.07	575.10	627.94	665.77	675.11	691.41	639.95	689.21	657.78	659.62	660.45	682.48
Imported Fuel	372.59	338.69	343.01	351.81	308.27	308.81	325.77	325.77	325.77	325.77	333.73	333.73	333.73

LISGIS CPI Report, 2020

Table 10.8 Consumer Price Index (CPI) by COICOP Divisions, 2021

COICOP DIVISIONS	Dec-20	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
General Index	542.66	546.73	541.90	549.35	546.87	551.56	562.26	596.71	603.65	604.16	593.00	574.20	572.28
Food and non-alcoholic beverages	631.33	651.71	618.06	614.39	593.37	596.14	601.12	624.80	643.79	641.08	622.66	593.36	586.81
Alcoholic beverages, tobacco and narcotics	435.95	430.09	433.35	444.62	452.27	438.43	442.71	441.82	446.45	446.54	443.86	421.68	418.42
Clothing and footwear	498.19	507.48	510.32	526.09	529.11	520.95	523.78	531.38	531.90	532.31	529.01	489.46	483.68
Housing, water, electricity, gas and other fuels	241.87	243.71	245.80	246.65	242.92	242.50	241.95	254.79	257.05	256.46	253.42	245.77	246.36
Furnishings, household equipment and routine household maintenance	566.28	576.48	601.72	617.38	621.95	619.81	623.69	624.52	628.00	626.60	604.01	553.62	542.26
Health	235.37	226.26	234.69	234.69	234.69	234.64	234.62	286.72	286.84	286.61	280.16	266.18	263.95
Transport	811.98	796.10	802.13	825.49	824.46	823.65	849.25	849.40	853.51	853.39	843.21	788.71	791.13
Communication	126.63	128.93	130.24	130.54	130.22	126.48	129.86	148.15	148.23	148.09	143.01	132.77	131.90
Recreation and culture	402.23	417.01	424.96	426.62	434.94	437.62	453.41	454.97	472.85	472.94	455.44	426.18	423.42
Education	150.00	150.00	150.00	150.00	150.00	150.00	150.00	184.80	184.88	184.73	184.78	184.78	184.78
Restaurants and hotels	863.97	851.53	858.98	908.89	951.83	996.72	1059.32	1079.30	1079.30	1079.30	1079.30	1123.79	1140.72
Miscellaneous goods and services	350.26	366.86	375.58	380.72	367.50	365.64	366.42	371.15	373.14	405.73	386.33	349.58	337.83

Table 10.9. Consumer Price Index (CPI) by Other Major Groups, 2021

Other Major Group	Dec-20	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
All Imported Items	522.79	508.63	517.54	514.53	507.84	512.02	527.80	532.09	540.65	527.42	497.32	489.17
All Domestic Items	570.79	577.02	583.54	581.21	591.98	606.36	654.58	663.54	658.56	647.56	633.12	634.55
Imported Food Items	578.35	547.49	556.94	553.25	543.07	549.54	577.74	582.13	594.02	577.02	547.06	537.33
Domestic Food Items	682.48	692.65	671.25	627.78	647.24	650.57	667.66	705.31	683.40	663.87	636.78	635.60
Imported Fuel	333.73	299.94	321.84	321.84	321.84	321.84	321.84	331.55	332.11	332.11	308.45	319.18

LISGIS CPI Report, 2021

CHAPTER XI: WATER AND ELECTRICITY



WATER AND ELECTRICITY

This section contains the following statistics:

- Volume of water produced by month (in gallons);
- Volume of water consumed by month (in gallons);
- Electricity generation and total kwh sold from 2014-2021 (in kwh);
- Electricity Generated and Sold by month, 2020-2021.

Table 11.1: Volume of water produced by month (in gallons)

Month	Water Production					
	2016	2017	2018	2019	2020	2021
Jan	145,873,230.00	144,882,204.00	224,198,026.00	118,571,005.36	131,120,779.50	68,013,208.20
Feb	139,962,347.00	138,058,325.00	177,633,704.00	81,103,476.42	79,216,922.07	96,498,130.98
Mar	154,741,944.00	153,898,593.00	188,366,327.00	117,326,754.77	88,119,186.90	108,325,550.20
Apr	148,574,476.00	150,558,814.00	121,499,498.00	84,994,731.45	58,481,954.60	102,870,439.70
May	174,810,677.00	177,115,233.00	170,734,976.00	151,669,127.77	171,105,550.70	55,759,270.00
Jun	167,714,129.00	170,604,956.00	153,324,948.00	116,766,709.92	135,159,938.80	39,996,658.85
Jul	114,520,107.00	205,362,950.00	175,332,944.28	127,959,681.80	130,592,439.50	146,463,773.10
Aug	215,542,893.00	153,634,062.00	176,029,084.62	100,139,717.95	142,495,939.70	90,586,534.70
Sept	175,732,647.00	207,227,439.00	148,368,716.64	91,493,365.11	122,548,463.00	86,539,450.30
Oct	175,995,638.00	194,933,602.00	170,268,048.25	115,210,736.25	139,494,968.50	93,104,074.80
Nov	154,665,595.00	177,551,096.00	123,817,357.92	104,997,842.87	130,193,542.80	124,941,843.20
Dec	164,125,176.00	198,055,697.00	137,078,220.02	146,755,526.71	105,411,755.00	108,049,756.70
Total	1,932,258,859.00	2,071,882,971.00	1,966,651,850.73	1,356,988,676.38	1,433,941,441.07	1,121,148,690.73

Liberia Water and Sewer Corporation (LWSC)

Table 11.2. Volume of water consumed by month (in gallons)

Month	Consumption					
	2016	2017	2018	2019	2020	2021
Jan	36,308,600.00	35,830,159.00	39,595,018.00	35,927,106.00	50,586,421.00	30,817,085.79
Feb	43,301,830.00	38,902,550.00	42,232,569.00	34,240,650.00	43,885,721.00	66,823,093.33
Mar	42,587,533.00	37,317,765.00	50,200,484.00	21,290,976.00	43,740,606.00	20,813,624.21
Apr	503,575.00	37,356,472.00	34,053,212.00	20,189,564.00	42,990,939.00	21,295,532.21
May	515,053.00	34,541,896.00	34,450,272.00	20,066,372.00	44,306,847.00	18,605,893.21
Jun	20,429.00	41,162,833.00	39,855,719.00	18,367,780.00	43,914,667.00	35,446,691.33
Jul	40,405,255.00	32,406,672.00	20,176,466.00	90,050,267.00	43,694,900.00	20,032,464.00
Aug	34,417,772.00	32,447,019.00	21,465,144.00	43,786,281.00	64,244,251.00	17,542,751.00
Sept	34,999,346.00	28,559,038.00	22,343,064.00	43,307,165.00	78,152,873.00	18,126,663.00
Oct	31,389,725.00	30,690,632.00	36,431,910.00	44,139,676.00	32,520,202.70	18,356,241.93
Nov	33,991,764.00	32,635,883.00	35,844,624.00	43,943,279.00	31,432,762.70	47,839,497.00
Dec	31,952,124.00	32,939,918.00	35,637,180.00	50,108,433.00	31,940,980.70	62,870,547.76
Total	330,393,006.00	414,790,837.00	412,285,662.00	465,417,549.00	551,411,171.10	378,570,084.77

Liberia Water and Sewer Corporation (LWSC)

Table 11.3. Electricity generation and total Kwh sold from 2014-2021 (in Kwh)

Year	Generated	Sold
2014	51,451,094	37,578,067
2015	53,267,530	37,175,388
2016	84,205,258	45,873,043
2017	133,442,113	62,193,035
2018	200,929,061	73,902,164
2019	214,248,780	70,827,161
2020	240,972,870	87,714,364
2021	272,309,000	103,285,156

Liberia Electricity Corporation (LEC)

Table 11.4. Electricity Generated and Sold by month, 2020-2021

Month	2020		2021	
	Kwh Generated	Kwh sold	Kwh Generated	Kwh sold
Jan	20,188,400	7,386,085	24,402,000	9,064,400
Feb	17,850,660	6,053,808	18,201,000	7,868,904
Mar	17,889,100	6,049,157	21,912,000	8,405,424
Apr	19,447,500	6,946,434	20,273,000	8,014,444
May	22,642,040	7,090,469	21,049,000	8,048,655
Jun	19,230,490	7,060,821	21,791,000	8,447,984
Jul	19,104,160	6,746,931	21,758,000	8,057,083
Aug	20,232,200	7,917,303	22,974,000	8,102,646
Sept	19,437,820	8,159,733	22,441,000	8,306,657
Oct	20,404,900	7,308,676	25,225,000	9,506,148
Nov	20,999,040	8,159,637	24,607,000	9,217,259
Dec	23,546,560	8,835,310	27,676,000	10,245,553
TOTALS	240,972,870	87,714,364	272,309,000	103,285,156

Liberia Electricity Corporation (LEC)