



REPUBLIC OF RWANDA



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NATIONAL INSTITUTE OF
STATISTICS OF RWANDA

STATISTICAL YEARBOOK

2019



REPUBLIC OF RWANDA



Rwanda Statistical YearBook 2019

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Foreword

Timely and reliable statistics are considered essential for evidence-based policy and decision-making and for better support to policy implementation, monitoring progress and evaluation of outcomes and impacts of development initiatives such as the Sustainable Development Goals (SDGs), AU Agenda 2063, EAC Vision 2050, First National Strategy for Transformation (NST1), and Sector Strategic Plans (SSPs). These initiatives have accordingly resulted in an unprecedented increase in demand for statistics as policy makers and other stakeholders seek information on national development.

Hence, in our efforts to tackle this issue, the Annual Statistical Yearbook is prepared to be a compendium of statistical information dealing with a wide range of development-pertinent topics. As such, this book is designed to serve as a standard summary of statistics on the social, political, and economic situation of Rwanda. It also serves as convenient volume for statistical reference and as a guide to other statistical publications and sources.

This edition provides the now available and disaggregated (where applicable) data of Rwanda in various sectors including Health; Education; Environment; Agriculture; Water and Energy (production and consumption); Transportation and Communication; Travel and Tourism; Income, Expenditure and Wealth; Banking, Insurance and Finance; Business and Trade; Law Enforcement, Courts and Order.

Users of the Statistical Yearbook are urged to make their data needs known for consideration in planning for future editions. We are confident that this Yearbook will become key storage of development information on Rwanda.


Yusuf Murangwa
Director General, NISR



Acknowledgement

The Statistical Yearbook 2019 edition was prepared by NISR through the team made of Statisticians, namely: Mr. Emmanuel Christian NYABYENDA, SDGs and NST Monitoring Statistician, Mr. Jean Luc KABERA, Data Portals Management Officer, Mr. Olivier NIYIZIBYOSE, Professional Intern, Ms. Jeannette MUKANGANGO, Support Staff, Norbert HABIMANA Ag. Team Leader Statistician in charge of Research, Publication and Dissemination and Mr. Jean Claude NYIRIMANZI, Acting Director of Statistical Methods, Research and Publication, under the general direction of Mr. Yusuf MURANGWA, Director General.

The cooperation of many contributors to this edition is gratefully acknowledged. The source note below each table credits the various government and private sector agencies that have collaborated in furnishing the information for the Statistical Yearbook.

Executive Summary

The 2019 statistical yearbook serves as a compendium of statistical information dealing with a wide range of development issues. As such, this book is designed to serve as a summary of key statistics that address the social, political, and economic situation of Rwanda.

This edition shows a positive trend in indicators across various sectors including gender, health, education, environment, agriculture, energy production, water management, transportation and communication, tourism, banking and finance, trade and private sector development, and justice, as well as in key economic indicators related to income, expenditure and prices.

1. **EICV indicators:** Results of the EICV5 survey indicate a continued decline poverty rates, with 38.2% poverty in 2016/17, as compared to 39.1% in the previous round (EICV4 2013/14). During the same period, extreme poverty declined from 16.3% to 16.0%. While this reflects more modest progress in poverty reduction relative to previous survey rounds, progress has been faster in some of the non-monetary aspects of well-being (e.g. health, education, nutrition etc.) conceptualized in a ‘multi-dimensional’ definition of poverty. Economic inequalities, as defined by the Gini Coefficient, fell from 0.447 in 2014 to 0.429 in 2017.
2. **Health and Nutrition:** According to the Ministry of Health report, the number of health facilities increased from 1,342 in 2017 to 1,534 in 2018.
3. **Education:** The total number of students enrolled in pre-primary education increased from 220,435 in 2017 to 226,706 in 2018, an increase of 2.84%. In primary education, Rwanda continues to sustain a high gross enrollment rate of 137.50% in 2018, while secondary education logged a slight increase from 38.20% in 2017 to 39.60% in 2018. Female representation in Technical and Vocational Education and Training (TVET) increased slightly from 42,174 in 2017 to 44,842 in 2018.
4. **Agriculture:** The total contribution of agriculture on GDP decreased from 31% in 2017 to 29% in 2018.
5. **Transportation and Communication:** The number of vehicles increased from 198,533 in 2017 to 216,204 vehicles in 2018. Mobile phone subscriptions increased from 8,819,217 in 2017 to 9,700,609 in 2018. The number of internet subscribers also increased, from 5,252,996 in 2017 to 6,143,144 in 2018.
6. **Income, Expenditure and wealth:** In the year 2018, GDP at current prices was 8,189 billion RWF, increasing from 7,600 billion RWF in the previous year. As population growth is stabilizing, this translated to an increase in GDP per capita, from USD 774 in 2017 to 787 USD in 2018.
7. **Banking and Finances:** The amount of new authorized loans at long term from 162,402,462 (RWF thousands) in 2017 to 196,242,860 (RWF thousands) in 2018.

Glossary

Age-specific fertility rate (ASFR)	Measures the annual number of births to women of a specified age or age group per 1,000 women in that age group.
Agriculture	This term is used to describe crops, livestock, and fishing activities.
Armed robbery	The taking of money or goods in the possession of another, from his or her person or immediate presence, by force or intimidation using deadly weapon.
Assets	Assets are the property of a business. They may be classified as: Current assets; consisting of cash, stock and book debts; fixed assets; consisting of buildings, plants and machinery; and intangible assets being the value of good will or patents.
Base period	The reference period, to which a series of index numbers relate, this usually expressed as 100.
BCG	(Bacillus Camete Guerin) This is a vaccine against Tuberculosis.
Board Money - (M3)	This is equivalent to (M2) A plus foreign currency deposits.
Broad Money - (M2)	This consists of the currency in circulation, demand, time and savings deposits. The deposits are held by the private sector and exclude those held by the central government.
Broad Money - (M2) A	This is equivalent to (M2) plus certificates of deposits.
Child Mortality Rate	Number of deaths of children aged one year and above but below 5 years of age per 1,000 live births.
Civil case	A lawsuit brought to redress a private wrong such as breach of contract, encroachment, or negligence; or to enforce civil remedies such as compensation, damages, and injunction.
Contraceptive Prevalence rate	Is defined as the percentage of women of reproductive age who or whose sexual partner is currently using, any form of modern contraception method.
Crime	An offence for which one may be punished by law.
Criminal case	Prosecution by the State of a person or organization, for committing a public wrong considered an offense against the State. Standard of proof for crimes is higher than for civil wrongs (torts) and, for major crimes such as a murder, guilt must be established beyond a reasonable doubt (see proof beyond a reasonable doubt).
Crude Birth Rate (CBR)	The number of live births per 1,000 persons in a population in a year.
Crude Death Rate	Number of deaths per 1,000 populations in a given year.
DPT	This is a vaccine against three diseases namely: Diphtheria, pertussis (whooping cough) and Tetanus.
Driving license	Is an official document which states that a person may operate a vehicle, such as a motorcycle, car, truck, or a bus, on a public roadway.

Economic activity	Covers all market production and certain types of non-market production, including production and processing of primary products for own consumption, own-account consumption (owner occupied dwellings) and other production of fixed assets for own use.
Economic Dependency Ratio	Is measured as the ratio between economically dependent persons (sum of unemployed, inactive, and children aged five and under) and employed persons, multiplied by 100
Employed persons	Persons in paid employment who work for wage or salary in cash or in kind or both and have a formal job attachment.
Employment	This includes all wage and salary earners and managers in all businesses, and directors actively working in incorporated businesses. It includes that working full-time or part-time and those who are permanent or temporary.
Employment status	Refers to the status of an economically active person with respect to his/her position at his/her place of work and his/her mode of remuneration.
Enterprise	This is a single legal entity or a combination of legal entities. It may also be a sole legal unit carrying out one or more activities at one or more locations it may also be several establishments.
Establishment	This is an economic unit engaged in one or predominantly one kind of economic activity under single ownership or control and is situated at a single physical location.
Exports	Outward flows comprising goods leaving the economic territory of a country to the rest of the world.
Foreign reserves	They consist of those external assets available to and controlled by the central Banks for direct financing of balance of payments imbalances, for indirectly Regulating the magnitude of such imbalances through the intervention in Exchange markets to affect the currency exchange rate, and/or for other purposes. Included are monetary gold, Special Drawing Rights (SDRs), reserve position in the fund, foreign exchange assets (consisting of currency, deposits and securities) and other claims.
General Fertility Rate (GFR)	Is defined as the number of live births per 1,000 women ages 15-49 years in a given year.
General Hospitals	These provide preventative, outpatient curative, maternity, inpatient health services, emergency surgery, blood transfusion, laboratory and other general services. They also provide in service training, consultation and research in support of

	community- based health care programs.
Gini Coefficient	The Gini coefficient is a measure of statistical dispersion intended to represent the income distribution of a nation's residents.
Gross Domestic Product	The value of goods and services produced within economic territory of the country.
Gross Enrolment Rate	The ratio of pupils in primary school (regardless of age) to the country total population aged 6- 12 years.
Gross intake Rate	The ratio of pupils enrolled in primary one regardless of age to country total population aged six years.
Gross Output	The production value as compiled from total receipts from industry and non-industry goods and services in an economy, adjusted for stock changes but excluding Excise Duty and Indirect taxes. This is Goss Output at factor cost.
Health Centre	Is a clinic staffed by a group of general practitioners and nurses. Typical services covered are family practice and dental care, but some clinics have expanded greatly and can include internal medicine, pediatric, women's care, family planning, pharmacy, lab, and more.
Homicide	The killing of one human being by another human being.
Human trafficking	The recruitment, transportation, transfer, harbouring or receipt of persons, by means of the threat or use of force or other forms of coercion, of abduction, of fraud, of deception, of the abuse of power or of a position of vulnerability or of the giving or receiving of payments or benefits to achieve the consent of a person having control over another person, for the purpose of exploitation. Exploitation shall include, at a minimum, the exploitation of the prostitution of others or other forms of sexual exploitation, forced labour or services, slavery or practices similar to slavery, servitude or the removal of organs.
Illicit drug	Illicit drugs are drugs that have been banned or made illegal by the government. These drugs are dangerous and can have many side effects, including death.
Imports	Inward flows of goods from the rest of the world into the economic territory of the country.
Index Number	A number that shows relative change in price or volume between the base period and another period.
Industry	This is an economic activity undertaken by business establishment as specified in the ISIC.

Infant mortality rate	Infant mortality rate is the probability (expressed as a rate per 1000 live births) of a child born alive in a specified period dying before reaching the age of one.
Injured persons	Are accident victims having suffered trauma requiring medical treatment (with or without hospitalization).
Insurance Policy	Is a contract (generally a standard form contract) between the insurer and the insured, known as the policyholder, which determines the claims which the insurer is legally required to pay. In exchange for an initial payment, known as the premium, the insurer promises to pay for loss caused by perils covered under the policy language.
Intermediate Consumption	This is the value of goods and services that are used in the process of production of other goods and services rather than final consumption.
Kerosene	This is fuel used as illumination for lighting and in some cases for cooking.
Killed persons (in road accident)	Are accident victims who die immediately or within thirty days following the accident. Before 1 January 2005, the time period considered was only six days.
Labour force	Currently active population aged 16 and above who were "employed or unemployed" during the last 7 days.
Labour force participation rate	Ratio of all economically active persons aged 16 and above to the total number of persons aged 16 and above.
Large Business	Business establishment employing 100 or more persons.
Life Expectancy at Birth	The average number of years a new born is expected to live given the prevailing deaths rates.
Life insurance	Is a contract between an insured (insurance policy holder) and an insurer or assurer, where the insurer promises to pay a designated beneficiary a sum of money (the "benefits") upon the death of the insured person. Depending on the contract, other events such as terminal illness or critical illness may also trigger payment. The policy holder typically pays a premium, either regularly or as a lump sum. Other expenses (such as funeral expenses) are also sometimes included in the benefits.
Literacy	Is the ability to both read and write with understanding (self-reported)
	A loan may be money or securities supplied by one party (the lender) to a second party (the borrower)

Loan	in a transaction in return for a promised future payment by the borrower. Such transactions normally include the payment of interest due to the lender as per agreed repayment schedules between the two parties.
Marital status:	Personal status of each individual in relation to the marriage laws or customs of the country and defined in the Census in five categories: Never married: an individual who has never been in a union; Married: an individual who was in marital union at the moment of the Census, legally or not; Divorced: an individual who has been separated from his or her spouse through a court decision, according to legislation; Separated: an individual who has separated temporarily from his/her spouse and is awaiting the court decision; Widowed: a man or a woman who has lost his or her spouse by death, not yet remarried
Maternal Mortality Rate	The maternal mortality ratio (MMR) is the ratio of the number of maternal deaths during a given time period per 100,000 live births during the same time-period
Mean Age of Women at Childbearing (MAWC)	The mean age at childbearing is the mean age of mothers at the birth of their children if women were subject throughout their lives to the age-specific fertility rates observed in a given year
Minor	In law, a <i>minor</i> is a person under a certain age usually the age of majority which
National Referral Hospitals	In addition to the services offered at regional referral hospital, they provide comprehensive specialist services and are involved in teaching and health research.
Net Enrolment Rate	The ratio of pupils in primary school aged 6 – 12 to the country total population aged 6 - years.
Net Intake Rate	The ratio of pupils aged six in primary one to the country total population aged 6 years.
Non Traditional exports	Refers to commodities other than traditional exports that have recently featured in Rwanda' export trade.
Occupation	Refers to the nature of task and duties performed during reference period preceding interview by persons in paid employment, unpaid family work or self – employment jobs.
One stop center	Centers in charge of providing comprehensive response, care and support services for girls and boys, women and men who had survived gender based violence (GBV) or child abuse.
	A type of a short term loan particularly used to

Overdraft	supply short –term working capital to tide over the production cycle or finance for a seasonal requirements.
Passengers	Travelers in a car, bus, train, plane or ship who are not driving or part of the crew. These also include those embarked and disembarked.
Pension	A benefit, usually money, paid regularly to retired employees or their survivors by private businesses and federal, state, and local governments. Employers are not required to establish pension benefits but do so to attract qualified employees.
Petrol	This is a light hydrocarbon fuel used in positive ignition engines. Another name used for this type of fuel is premium motor spirit.
Physical violence	Is the intentional use of physical force with the potential for causing death, disability, injury, or harm. Physical violence includes, but is not limited to, scratching; pushing; shoving; throwing; grabbing; biting; choking; shaking; slapping; punching; burning; use of a weapon; and use of restraints or one's body, size, or strength against another person.
Population Density	Population per unit area. The number of people living per unit of an area (e.g. per square mile); the number of people relative to the space occupied by them.
Prison	Place where people are kept as a punishment for crimes or while waiting for trial.
Prisoner	A person kept in prison as a punishment for crime or waiting for trial.
Private Households	Consists of one or more persons living together and sharing at least one daily meal.
Proportional morbidity ratio	This is the proportion attributable to a given cause of illness. It is a proxy for the prevalence of sickness in a population.
Psychological harassment	A form of mistreatment in which there is intent to cause mental or emotional pain or injury; PH includes verbal aggression, statements intended to humiliate or infantilize, insults, threats of abandonment or institutionalization; PH results in stress, social withdrawal, long-term or recalcitrant depression, anxiety
Public Liability Insurance	a form of insurance, compulsory for any business in contact with the public, which pays compensation to a member of the public suffering injury or damage as a result of the policyholder or his employees failing to take reasonable care.

Rape case	The crime of forcing another person to submit to sex acts, especially sexual intercourse.
Refined activities rate	Is defined as the quotient between the total economically active population in a given period and the population in productive age groups during the same period.
Regional Referral Hospitals	In addition to the services offered at the general hospital, these hospitals offers specialties services such as psychiatry, ear, and throat (ENT), radiology, pathology, ophthalmology as well as higher level surgical and medical services, including teaching and research.
Resident Population	Persons who have lived for more than six months in the place where they were enumerated or who intended to live for more than six months in that place. They represent the population usually living in a place.
Residents	Persons whose usual residence is Rwanda including those whose nationality is not Rwanda.
Retained Reserves	This is the increase in value of a currency or the increase in value of fixed assets consisting mainly of freehold land and buildings.
Revaluation reserves	These kinds of reserves arise due to the revaluation of fixed assets but cannot be paid out as dividends because they are not realized profits.
Road accident	A road accident refers to any accident involving at least one road vehicle, occurring on a road open to public circulation, and in which at least one person is injured or killed. Intentional acts (murder, suicide) and natural disasters are excluded.
Sex ratio	Is the number of males per 100 females in the population.
Sexual violence	Sexual violence (SV) is any sexual act that is perpetrated against someone's will. SV encompasses a range of offenses, including a completed nonconsensual sex act (i.e., rape), an attempted nonconsensual sex act, abusive sexual contact (i.e., unwanted touching), and non-contact sexual abuse (e.g., threatened sexual violence, exhibitionism, verbal sexual harassment). All types involve victims who do not consent, or who are unable to consent or refuse to allow the act.
Standardized Death Rates (‰)	is a ratio between the observed number of deaths in an study population and the number of deaths would be expected, based on the age- and sex-specific rates in a standard population and the age and sex distribution of the study population.

Teaching Services	Teaching services comprises of teachers of primary schools, secondary schools, commercial and technical colleges and institutions.
The mean age at first marriage.	Is the mean age of men or women at first marriage if subject throughout their lives to the age-specific marriage rates of first marriages only in a given year.
Total Fertility Rate (TFR)	It measures the average number of births a group of women would have by the time they reach age 50 if they were to give birth at the current age-specific fertility rates.
Trade Balance	A Trade Balance, or Balance of Trade, is the difference between the monetary value of exports and imports of a specific country's economic output over a certain period of time. It is one of many economic fundamentals that affect the relative value of a country's currency. A positive or favorable balance of trade is known as a trade surplus when exports exceed imports.
Traditional Civil Servants	These are employees of line ministries and self-accounting government departments.
Traditional Exports	Refers to long term export cash crops introduced to Rwanda long time ago, that is coffee and Tea.
Treasury Bill	These are short- term bearer securities with maturities of 91 days, 182 days, 273 days or 364 days issued by Bank of Rwanda.
Under Five Mortality Rate: (%)	It is the probability (expressed as a rate per 1000 live births) of a child born alive in a specified period dying before reaching the age of five, if subject to current age-specific mortality rates.
Underemployment	Refers to persons who work less than 40 hours per week, but were willing and available to work additional hours within the last seven days.
Value added	The value of outcome when the factors of production interact to avail goods and services. Value added is the difference between the value of gross output and the value of intermediate inputs. Value added comprises of the following:
VAT	Is a form of consumption tax? From the perspective of the buyer, it's a tax on the purchase price. From the seller's perspective, it's the tax only on the value added to a product, material or service.
	All cash payment made by employers in return for labor provided by the employees. The payment includes salaries and wages, overtime, holiday pay, bonuses, commissions, sick leave and any other allowances paid in cash to the employees.

Wage Bill	✓ Compensation of employees
	✓ Consumption of fixed capital (depreciation)
	✓ Licenses
	✓ Interest
	✓ Operating surplus (usually) net profit or loss and other small items.

Acronyms

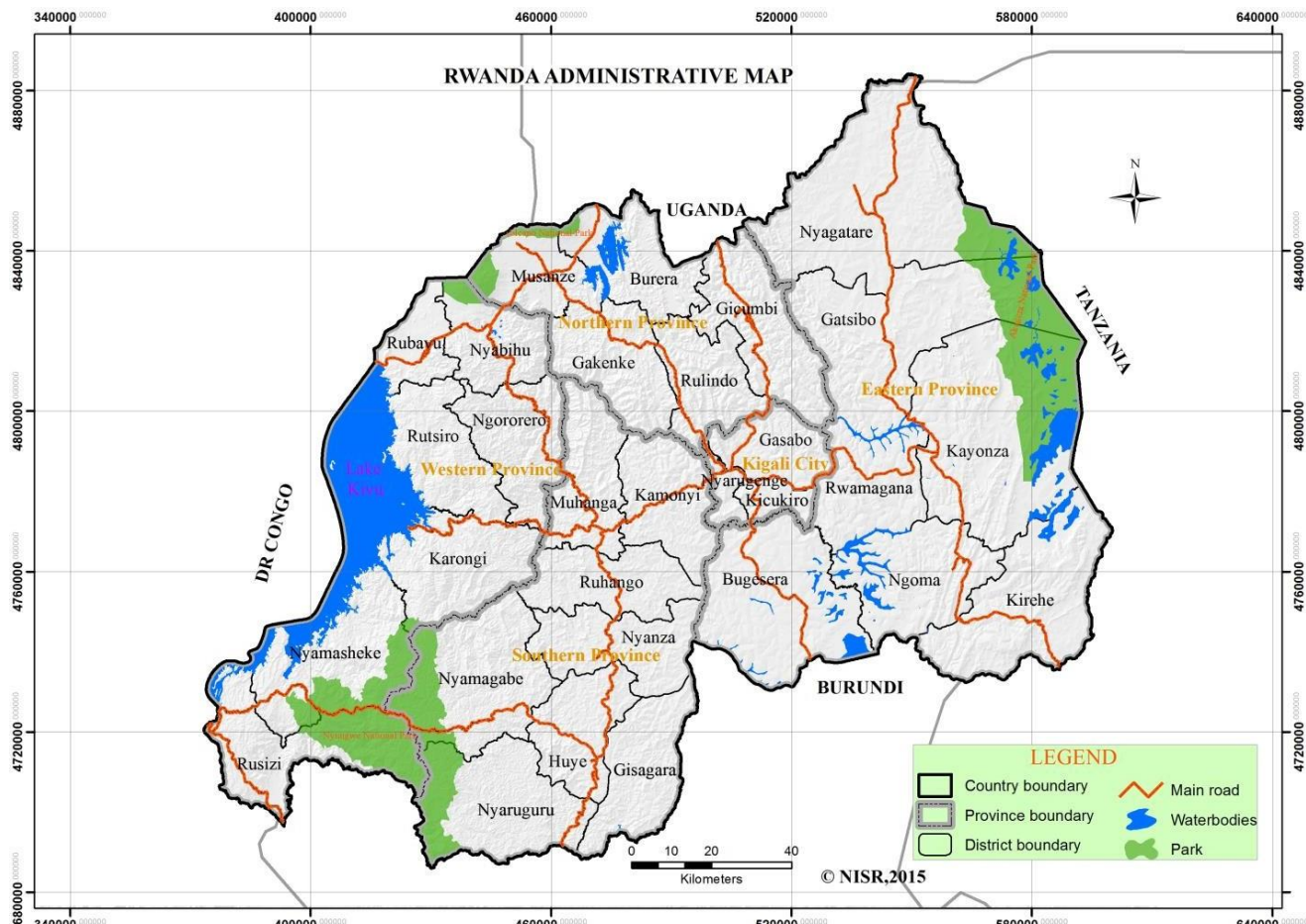
AIDS	Acquired Immunodeficiency Syndrome
ART	Anti-retroviral therapy
ARV	Anti-Retroviral
AU	African Union
BSC	Broadband Systems Corporation
CIF	Cost, Insurance and Freight
CPI	Consumer Price Index
DHS	Demographic and Health Survey
EAC	East African Community
EDPRS	Economic Development and Poverty Reduction Strategy
EICV	Enquête Intégrale sur les Conditions de Vie
GBV	Gender Based Violence
GDP	Gross Domestic Product
GER	Gross Enrolment Rate
HH	Household
HIV/AIDS	Human Immunodeficiency Virus/ Acquired Immunodeficiency Syndrome
HMIS	Health Management Information System
IDHS	Interim Demographic and Health Survey
IMR	Infant Mortality Rate
IUD	Intra Uterine Device
Kwh	Kilowatt
MINAGRI	Ministry of Agriculture and Animal Resources
MINECOFIN	Ministry of Finance and Economic Planning
MINEDUC	Ministry of Education
MINIJUST	Ministry of Justice
MININFRA	Ministry of Infrastructures
MoH	Ministry of Health
MTN	Mobile Telecommunication Network
N/A	Not Available
NAEB	National Agriculture Export Board
NB	Nota bene
NBR/BNR	National Bank of Rwanda/Bank National du Rwanda
NER	Net Enrolment Rate
NGOs	Non-Government Organization(s)
NISR	National Institute of Statistics of Rwanda
NST	National Strategy for Transformation
NUR	National University of Rwanda
ONP	Office National de poste
PMTCT	Prevention of Mother to Child Transmission of HIV
PPI	Producer Price Index
RDB	Rwanda Development Board
RIB	Rwanda Investigation Bureau
RLMUA	Rwanda Land Management and Use Authority.
RNRA	Rwanda National Resource Agency
RPHC	Rwanda Population and Housing Census
RRA	Rwanda Revenue Authority

RSSB	Rwanda Social Security Board
RTDA	Rwanda Transport Development Agency
RURA	Rwanda Regulatory Utility Agency
RWF	Rwanda francs
RWFA	Rwanda Water and Forestry Authority
SDGs	Sustainable Development Goals
SSPs	Sector Strategic Plans
TFR	Total fertility rate
UN	United Nations
US	United States (of America)
USD	United States Dollar
VAT	Value Added Tax
VCT	Voluntary Counseling and Testing
VTC	Vocational Training Center
WASAC	Water and Sanitation Corporation
WASAC	Water and Sanitation Corporation Limited

General Information

Geographical Indicators	
Latitude	1004"S 2051"S
Longitude	28045"E 310015"E
Total surface area	26,338 km ²
Area under land	24,210 km ²
Area under water and swamps	2,120 km ²
Temperature	19.84:C
Rainfall (2014)	1,202.17 millimeters
Economic indicators	
GDP at current market prices (2018)	8,189 (Rwf Billions)
GDP Per capita at current market prices (2018)	787 (USD Dollars)
GDP growth rate at constant (base year) market prices	8.6%
Contribution of Agriculture to GDP at current market prices	29%
Access to improved drinking water (EICV5)	87.4%
Primary source of lighting as electricity (EICV5)	27.1%
Demographic and Social-Economic Indicators	
Size of the Resident Population (4 th Population and Housing Census Projection)	12,089,721 (in 2018)
Urban population (4 th Population and Housing Census Projection) Medium scenario	2,484,438 (in 2018)
Rural population (4 th Population and Housing Census Projection) Medium scenario	9,605,283 (in 2018)
Density of the urban population (4 th Population and Housing Census Projection)	2,535 (in 2017)
Sex ratio of the population (EICV4 (2013/14))	91.6
Population density (4 th Population and Housing Census Projection) medium scenario	467 people/km ² in 2017
Infant Mortality rate (DHS 2014/15)	32 per 1,000
Maternal mortality rate (DHS 2014/15)	210 per 100,000 live births
Life expectancy at birth (4 th Population and Housing Census Projection) (2018)	66.4
Male	64.6
Female	68.1
Pupil Teacher ratio (Primary education 2018)	56
Pupil Classroom ratio (Primary education 2018)	77
Net secondary enrolment rate (Secondary education 2018)	30.1
Net Primary enrolment rate (Primary education 2018)	98.3

Rwanda Administrative Map



Rwanda Administrative Entities

Province	Districts	Number of Sectors	Number of Cells	Number of Villages
KIGALI CITY	Gasabo	15	73	494
	Kicukiro	10	41	355
	Nyarugenge	10	47	327
SOUTHERN	Gisagara	13	59	524
	Huye	13	77	508
	Kamonyi	12	59	317
	Muhanga	12	63	331
	Nyamagabe	17	92	536
	Nyanza	10	51	420
	Nyaruguru	14	72	332
	Ruhango	9	59	533
WESTERN	Karongi	14	88	538
	Ngororero	13	73	419
	Nyabihu	12	73	473
	Nyamasheke	15	68	588
	Rubavu	12	80	525
	Rusizi	18	94	596
	Rutsiro	13	62	485
NORTHERN	Burera	17	69	571
	Gakenke	19	97	617
	Gicumbi	21	109	630
	Musanze	15	68	432
	Rulindo	17	71	494
EASTERN	Bugesera	15	72	581
	Gatsibo	14	69	603
	Kayonza	12	50	421
	Kirehe	12	60	612
	Ngoma	14	64	473
	Nyagatare	14	106	628
	Rwamagana	14	82	474
TOTAL	30	416	2,148	14,837

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CHAPTER I: EICV and DHS

1.1 EICV

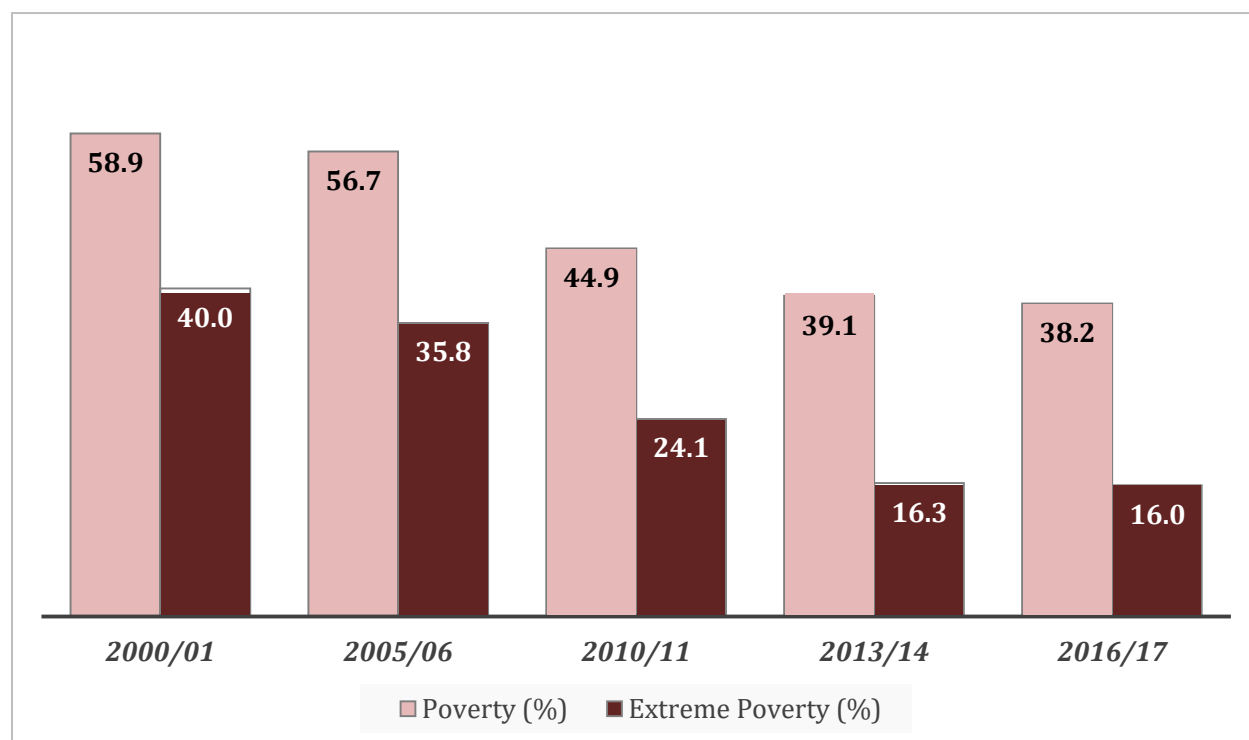
Table 1.1.1: EICV Indicators

Indicator	2005/06	2010/11	2013/14	2016/17
	EICV2	EICV3	EICV4	EICV5
Poverty				
Poverty	56.7	44.9	39.1	38.2
Extreme Poverty	35.8	24.1	16.3	16.0
GINI index	0.522	0.49	0.448	0.429
Population				
Average household size	5.0	4.8	4.6	4.4
Mean dependence ratio	87.0	85.7	82.7	80.0
Number of males per 100 females	90.3	90.2	91.6	92.4
Literacy and Education				
% of individuals (6+ years) that have ever attended school	78.7	83.2	86.1	87.2
Net Attendance Rate in Primary School	86.6	89.6	87.9	87.6
Net Attendance Rate in Secondary School	10.4	17.8	23	23.2
Literacy rate among people aged 15-24	76.9	83.1	86.2	86.5
Access to facilities				
Percentage of households living in Umudugudu	17.6	37.5	49.2	58.9
Percentage of households with thatch or leaves roof	9.8	2.2	0.4	0.0
Percentage of households with metal sheet roof	43.7	54.4	61.1	67.3
Percentage of households with cement floor	13.3	17.1	21.1	25.8
Percentage of households with electricity as main source of lighting	4.3	10.8	19.8	27.1
Percentage of households with oil lamp as main source of lighting	12.7	9.7	5.0	1.4
Percentage of households with candle as main source of lighting	1.6	5.9	7.4	6.1
Percentage of households with firewood as main cooking fuel	88.2	86.3	83.3	79.9
Percentage of households with charcoal as main cooking fuel	7.9	10.6	15.2	17.4
Percentage of households with crop waste as main cooking fuel	2.7	2.3	0.8	0.6
Percentage of households with improved drinking water source	70.3	74.2	84.8	87.4
Percentage of households with improved sanitation	58.5	74.5	83.4	86.2
Percentage of households owning radio set	46.7	60.2	59.8	73.8
Percentage of households owning TV set	2.4	6.4	9.9	10.4
Percentage of households owning computer	0.3	1.7	2.5	3.3
Percentage of households with access to internet	-	3.7	9.3	17.2

Indicator	2005/06	2010/11	2013/14	2016/17
	EICV2	EICV3	EICV4	EICV5
Percentage of households owning mobile phone	6.2	45.2	63.6	66.9
Percentage of households owning bicycle	12.9	13.4	15.8	13.3
Health				
Average time (in minutes) to reach a health center	95.1	61.4	56.5	49.9
Prevalence of health insurance	43.3	68.8	70.0	73.9
Economy				
Percentage in Wage farm	8.2	9.8	11.4	15.9
Percentage in Wage non-farm	10.9	16.8	19.6	21.0
Percentage of Independent/Small-scale farmer	71.3	61.2	58.0	53.2
Percentage of Independent non-farm	8.1	9.6	9.9	8.9
Agriculture				
Percentage of livestock-owning households rearing cattle	34.4	47.3	50.4	-
Percentage of livestock-owning households rearing pigs	22.9	24.1	31.9	-
Percentage of households participating in agricultural land consolidation	-	22.4	29.6	26.2
Percentage of crop-producing households with any plot protected from erosion	-	83.5	85.4	80.7
Percentage of crop-producing households participating in crop intensification	-	21.1	29.4	22.6
Percentage of crop-producing households purchasing chemical fertilizer	10.8	28.9	36.4	37.5
Percentage of crop-producing households purchasing insecticides	24.4	30.5	29.3	-
Saving				
Percentage of households with at least one savings account	18.9	36.1	54.1	54.7

Source: NISR

Figure 1.1.1: Poverty and Extreme Poverty



Poverty status in percentages by Provinces

	2000/01	2005/6	2010/11	2013/14	2016/17
Rwanda	58.9	56.7	44.9	39.1	38.2
Kigali City	22.7	20.8	16.8	20.9	13.9
Eastern Province	59.3	52.1	42.6	38.0	37.4
Northern Province	64.2	60.5	42.8	45.9	42.3
Western Province	62.3	60.4	48.4	45.2	47.1
Southern Province	65.5	66.7	56.5	38.4	41.4

Source: NISR

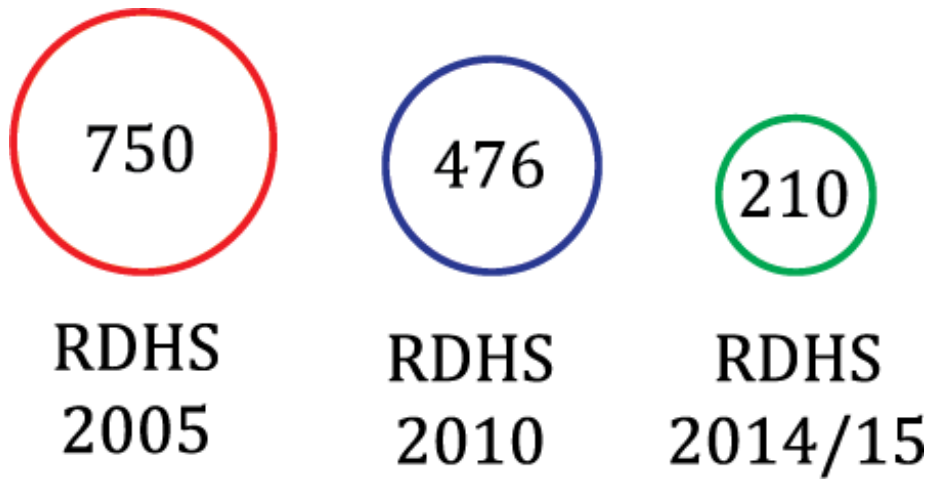
1.2 DHS

Table 1.2.1: DHS Indicators

Indicators	1992	2000	2005/06	2007/08	2010/11	2014/15
	(DHS-I)	(DHS-II)	(DHS-III)	(DHS)	(DHS-IV)	(DHS-V)
Fertility						
Total fertility Rate (TFR)	6.20	5.80	6.00	5.50	4.60	4.20
Median age at first birth			22.00	22.30	22.40	
Teenage fertility	11	7.00	4.10	5.70	6.10	7.30
Family planning						
The use of Modern Contraceptive Methods among Currently Married Women	13	4.00	10.00	27.00	45.10	47.50
Unmet need for family planning	-	17.70	37.90	-	18.90	18.90
Child Health						
Vaccination	86	76.00	75.00	80.40	90.10	92.60
Infant mortality rate	85	107.00	86.00	62.00	50.00	32.00
Child mortality rate	151	196.00	152.00	103.00	76.00	50.00
Stunted	48	43.00	51.00	-	44.00	38.00
Wasted	4.	7.00	5.00	-	3.00	2.00
Underweight	29	24.00	18.00	-	11.00	9.00
Maternal health						
Maternal mortality ratio	-	1071	750	-	476	210
Assistance during delivery	25.00	26.00	30.00	45.20	69.00	91.00
Adolescent birth rate (% total live birth)						
Antenatal care coverage (at least one visit)	-	92.50	94.40	96.00	98.00	99.00
Antenatal care coverage (at four visit)	-	10.40	13.30	-	35.40	43.9
Malaria						
Prevalence rate in children	-	-	-	-	1.40	
Prevalence rate in women	-	-	-	-	0.70	
Ownership Mosquito nets	-	-	18.20	59.10	82.70	80.6
HIV						
Prevalence rate						
Youth prevalence (15-24) years	-	-	1.00	-	1.00	
Percentage of young people (15-19) who had sexual intercourse before age 15	-	-	Male: 15.30	-	Male: 13.30	
			Female: 5.20	-	Female: 4.80	

Source: NISR

Figure 1.2.1: Maternal mortality ratio



CHAPTER II: GENDER

2.1 Gender Statistics

Table 2.1.1: Women in higher positions compared to men

Higher cadres of Government	2016/2017					2017/2018				
	Numbers			Percentages		Numbers			Percentages	
	Male	Female	Total	Male	Female	Male	Female	Total	Male	Female
Permanent secretaries in Ministries	11	6	17	64.7	35.3	14	6	20	70	30
Heads of Public Institutions	140	34	174	80.5	19.5	144	36	180	80	20
Head of departments & Equivalent	58	21	79	73.4	26.6	65	23	88	73.9	26.1
Director generals in Ministries	21	14	35	60	40	21	11	32	65.6	34.4
Equivalent of DG's in Ministries	162	41	203	79.8	20.2	145	50	195	74.4	25.6
Directors of Units	521	142	663	78.6	21.4	587	190	777	75.5	24.5

Source: NISR, Gender Statistics

Table 2.1.2: Primary education enrollment

Year	2013	2014	2015	2016	2017	2018
Total (pupils)	2,402,164	2,399,439	2,450,705	2,546,263	2,540,374	2,503,705
Boys	1,183,306	1,181,715	1,214,019	1,271,170	1,272,842	1,259,344
Girls	1,218,858	1,217,724	1,236,686	1,275,093	1,267,532	1,244,361
% of Boys	49.30%	49.20%	49.50%	49.90%	50.10%	50.3%
% of Girls	50.70%	50.80%	50.50%	50.10%	49.9%	49.7%
Gross Enrolment Rate	138.50%	134.30%	135.30%	139.60%	139.1%	137.5%
Boys	137.50%	133.20%	134.80%	140.10%	140.1%	139.0%
Girls	139.40%	135.50%	135.80%	139.20%	138.2%	136.1%
Net Enrolment Rate	96.60%	96.80%	96.90%	97.70%	98.0%	98.3%
Boys	95.70%	96.20%	96.30%	97.30%	97.8%	98.0%
Girls	97.50%	97.30%	97.40%	98.00%	98.1%	98.5%
Completion Rate	69.00%	61.30%	60.40%	65.20%	79.30%	82.90%
Boys	63.80%	56.40%	55.30%	59.30%	72.30%	76.10%
Girls	74.10%	66.10%	65.50%	71.10%	86.20%	89.60%

Source: MINEDUC

Figure 2.1.1: Primary education enrollment

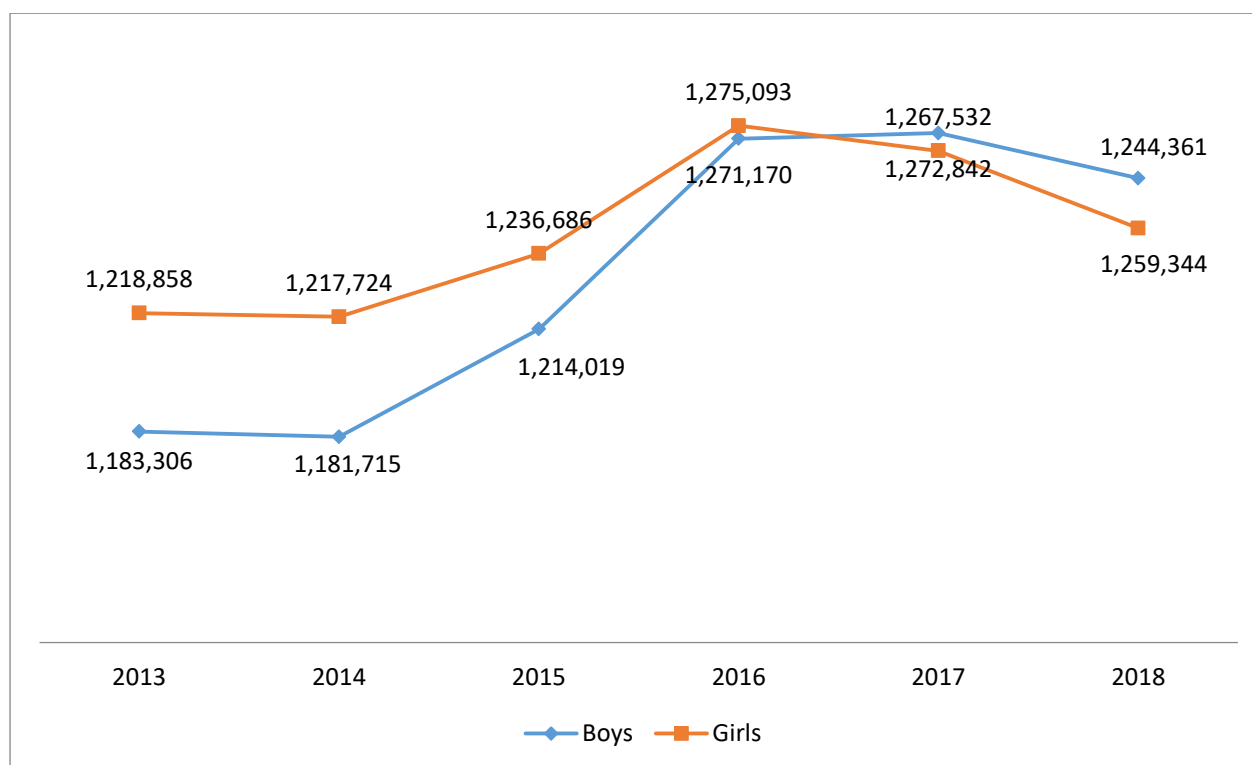
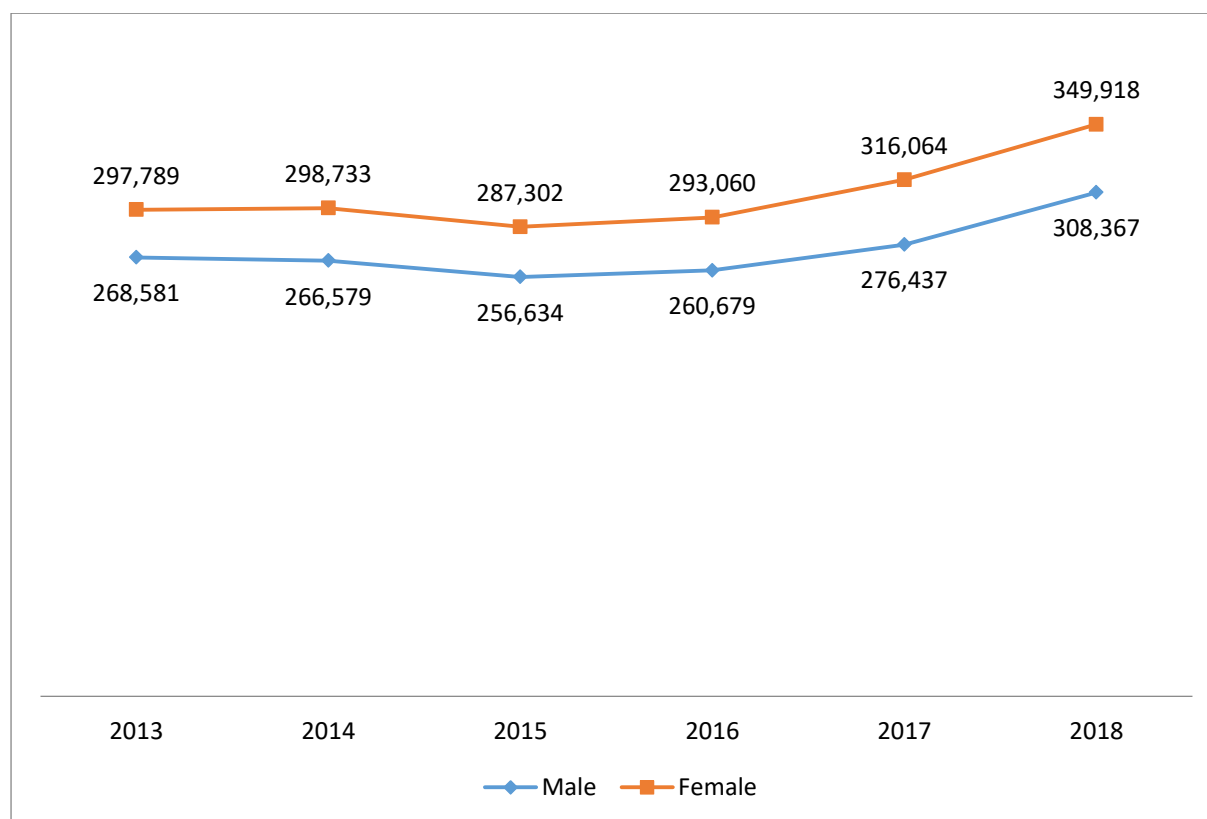


Table 2.1.3: Secondary education enrollment

Year	2013	2014	2015	2016	2017	2018
Total students	566,370	565,312	543,936	553,739	592,501	658,285
Male	268,581	266,579	256,634	260,679	276,437	308,367
Female	297,789	298,733	287,302	293,060	316,064	349,918
% of Male	47.40%	47.20%	47.20%	47.10%	46.70%	46.8%
% of Female	52.60%	52.80%	52.80%	52.90%	53.30%	53.2%
Lower secondary students	361,522	349,692	336,442	346,783	382,661	422,093
Male	167,201	161,577	156,350	161,144	176,797	194,314
Female	194,321	188,115	180,092	185,639	205,864	227,779
Upper secondary students	204,848	215,620	207,494	206,956	209,840	236,192
Male	101,380	105,002	100,284	99,535	99,640	114,053
Female	103,468	110,618	107,210	107,421	110,200	122,139
Gross Enrolment Rate	41.50%	40.70%	38.00%	37.20%	38.20%	39.6%
Male	40.30%	39.30%	36.90%	35.80%	36.30%	37.5%
Female	42.50%	42.10%	39.10%	38.50%	40.10%	41.7%
Net Enrolment Rate	36.40%	35.70%	28.30%	32.90%	34.10%	30.1%
Male	34.10%	33.60%	26.40%	31.20%	31.90%	32.1%
Female	38.50%	37.70%	30.00%	34.60%	36.30%	28.2%

Source: MINEDUC

Figure 2.1.2: Secondary education enrollment



CHAPTER III: HEALTH and NUTRITION

3.1 Infant and Maternal Health Indicators

Table 3.1.1: Caesarian sections in District Hospitals and referral Hospitals

Health Facility Type	2015				2016				2017				2018			
	Number of deliveries	Number of dystocic deliveries	Number of cesarean section	Cesarean % of total delivery	Number of deliveries	Number of dystocic deliveries	Number of cesarean section	Cesarean % of total delivery	Number of deliveries	Number of dystocic deliveries	Number of cesarean section	Cesarean % of total delivery	Number of deliveries	Number of dystocic deliveries	Number of cesarean section	Cesarean % of total delivery
District Hospital	94,624	39,570	36,502	38.6%	95,048	39,256	35,243	37.1%	98,334	39,838	37,153	37.8%	100,886	41,115	40,499	40.1%
Provincial Hospital	8,837	3,867	3,763	42.6%	8,217	3,386	3,304	40.2%	8,389	3,772	3,722	44.4%	8,728	3,762	3,525	40.4%
Referral Hospital	15,110	6,744	6,241	41.3%	16,009	7,212	6,708	41.9%	16,561	8,044	7,607	45.9%	17,462	8,664	8,213	47.0%
Total	118,571	50,181	46,506	40.8%	119,274	49,854	45,255	39.7%	123,284	41,654	48,482	39.3%	127,076	53,541	52,237	42.5%

Source: RBC

Table 3.1.2: Births and prenatal deaths in public health centers, referral hospitals and district hospitals

Facility Type	2016				2017				2018			
	Total births	Total deaths	Births < 2.5 kg	% low BW	Total births	Total deaths	Births < 2.5 kg	% low BW	Total births	Total deaths	Births < 2.5 kg	% low BW
Health Centers	203,319	1,758	8835	4.3%	197,377	1,581	6,409	3.2%	188,011	1,246	12,343	6.6%
District Hospitals	93,581	3,398	9406	10.1%	100,313	3,285	4,213	4.2%	101,527	2,750	14,936	14.7%
Provincial Hospitals	8,042	270	912	11.3%	8,497	287	461	5.4%	8,850	242	1,378	15.6%
Referral Hospital	15,771	599	1785	11.3%	20,654	623	826	4.0%	17,721	514	2,928	16.5%
Total	320,713	6,025	20,938	9.3%	326,841	5,776	11,909	3.6%	316,109	4,752	31,585	13.3%

Source: RBC

3.2 HIV Prevalence

Table 3.2.1: HIV prevalence rate by some characteristics in VCT

Characteristics	2011	2012	2013	2014	2015	2016	2017	2018
By gender								
Male	0.9	0.7	0.7	0.6	0.6	0.7	0.5	0.6
Female	1.3	1	0.9	0.9	0.9	0.8	0.7	0.7
Total	1.2	0.8	0.8	0.8	0.8	0.8	0.6	0.7
By age groups								
<15	0.5	0.4	0.4	0.5	0.3	0.2	0.2	0.3
15-24	0.9	0.6	0.6	0.6	0.6	0.5	0.4	0.5
25+	1.4	1	1	0.9	0.9	1	0.8	0.8
Total	1.2	0.8	0.8	0.8	0.8	0.8	0.6	0.7
By Provinces								
East	0.9	0.9	0.5	0.6	0.6	0.5	0.5	0.8
West	0.5	0.6	0.4	0.5	0.5	0.5	0.5	0.6
North	0.7	0.6	0.6	0.6	0.4	0.4	0.4	0.5
South	1.1	1.05	0.9	0.8	0.6	0.6	0.4	0.4
Kigali City	5.5	5.4	4	3.1	2.9	2.5	1.9	1.5
HIV prevalence (VCT)	1.2	0.8	0.8	0.8	0.8	0.8	0.6	0.7

Source: RBC/ HIV-AIDS division

Figure 3.2.1: HIV prevalence rate in VCT by Province

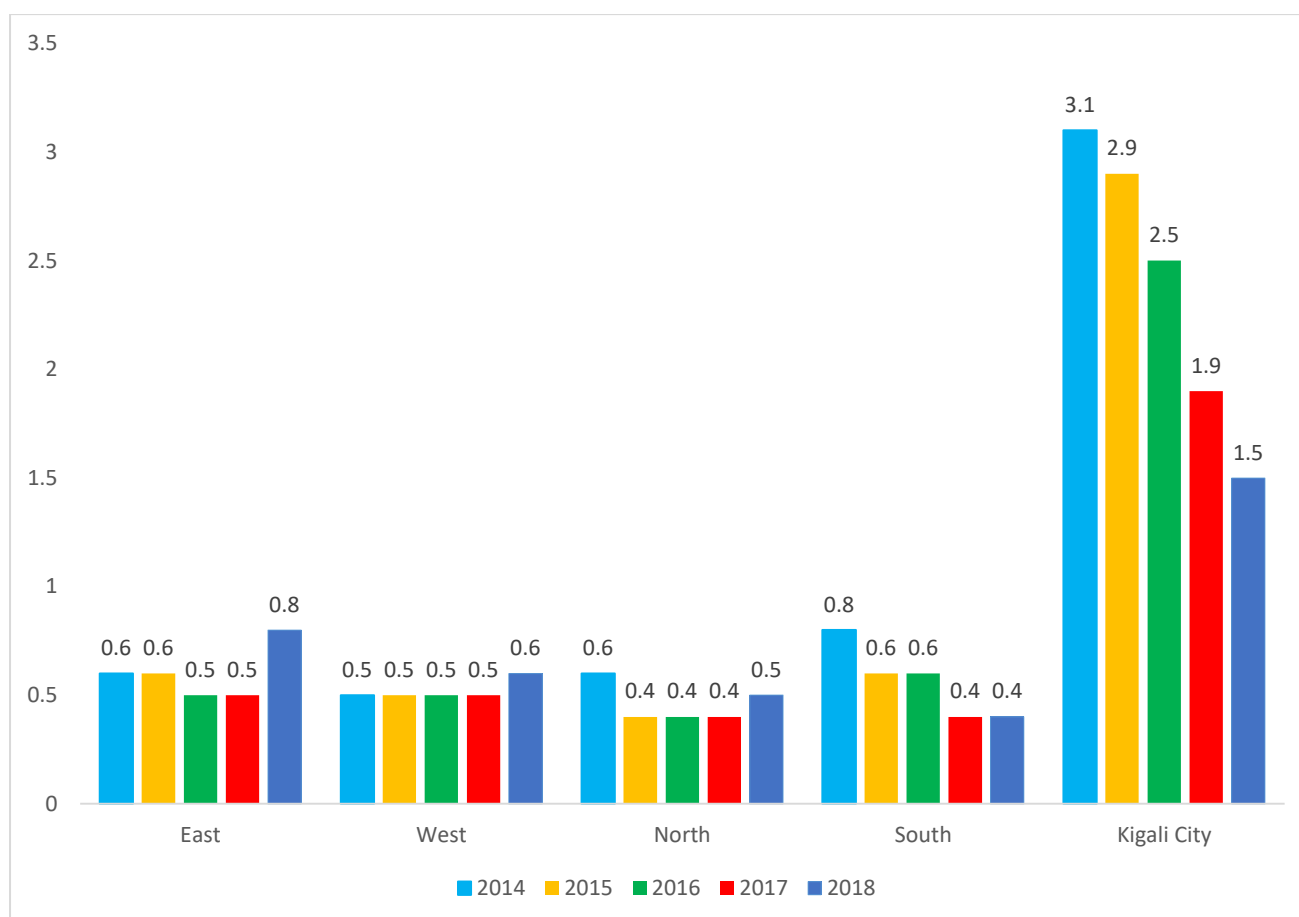


Table 3.2.2: HIV prevalence rate among VCT

	2016			2017			2018		
	Tested	HIV+	%HIV+	Tested	HIV+	%HIV+	Tested	HIV+	%HIV+
Sex									
Male	1,247,954	8,584	0.7	1,088,568	5,684	0.5	1,271,782	7,659	0.6
Female	1,557,875	12,574	0.8	1,239,288	8,643	0.7	1,508,003	10,701	0.7
Total	2,805,829	21,158	0.8	2,327,856	14,327	0.6	2,779,785	18,360	0.7
Age group									
<15	304,702	721	0.2	244,205	494	0.2	261,404	749	0.3
15-24	922,703	4,507	0.5	793,803	3,353	0.4	958,294	4,581	0.5
25+	1,578,424	15,930	1	1,289,848	10,480	0.8	1,560,087	13,030	0.8
Total	2,805,829	21,158	0.8	2,327,856	14,327	0.6	2,779,785	18,360	0.7
Provinces									
East	784,288	3,820	0.5	616,394	2,947	0.5	728,667	5,488	0.8
West	662,271	3,156	0.5	514,062	2,480	0.5	592,772	3,290	0.6
North	425,633	1,877	0.4	320,627	1,218	0.4	408,104	1,876	0.5
South	580,602	3,384	0.6	606,212	2,596	0.4	727,606	2,753	0.4
Kigali City	353,035	8,921	2.5	270,561	5,086	1.9	322,636	4,953	1.5
Total	2,805,829	21,158	0.8	2,327,856	14,327	0.6	2,779,785	18,360	0.7

Source: RBC/ HIV-AIDS division

Table 3.2.3: HIV+ prevalence among pregnant women by province

Province	2016			2017			2018		
	Tested	HIV+	%HIV+	Tested	HIV+	%HIV+	Tested	HIV+	%HIV+
East	91,139	714	0.78	89,386	567	0.63	89,263	819	0.92
West	82,374	592	0.72	79,476	429	0.54	79,333	408	0.51
North	55,152	245	0.44	55,784	222	0.40	55,877	171	0.31
South	74,078	549	0.74	69,089	372	0.54	72,275	356	0.49
Kigali City	41,771	736	1.76	43,320	526	1.21	43,500	420	0.97
Total	344,514	2,836	0.82	337,055	2116	0.63	340,248	2,174	0.64

Source: RBC/ HIV-AIDS division

Table 3.2.4: HIV+ pregnant women who received Anti-retroviral therapy (ART) to reduce the risk of MTCT/PMTCT (15-49)

Characteristics	2011	2012	2013	2014	2015	2016	2017	2018
Total women HIV+	5,470	3941	4,266	5,152	3,129	2,836	2116	2,174
HIV + women on ART	5,352	3956	3,717	3,380	2,879	2,082	1656	2,081
HIV + women on ART in %	97.8	100.4	87.1	65.6	92	73.4	78.3	95.7
HIV prevalence among pregnant women in PMTCT in %	1.7	1.4	1.2	1.1	0.9	0.8	0.6	0.6
HIV prevalence among partners in %	1.7	1.5	1.3	0.9	0.8	0.7	0.4	0.5

Source: RBC/ HIV-AIDS division

Table 3.2.5: Percentage of ARV (Anti-Retroviral) Distribution and Children on ARV

ARV distribution	2012	2013	2014	2015	2016	2017	2018
Male in %	34	36	37	37	37	37	37
Female in %	66	64	63	63	63	63	63
Children on ARV							
Male in %	49	49	50	50	49	49	49
Female in %	51	51	50	50	51	51	51

Source: RBC/ HIV-AIDS division

Table 3.2.6: Percentage of ARV (Anti-Retroviral) distribution by type of health facility

ARV	2012	2013	2014	2015	2016	2017	2018
Health Center in %	72.4	76.3	90.4	90.7	79.9	80.9	82
Hospital in %	26.3	22.4	8.4	7.2	12.7	11.8	11
Referral Hospital in %	1.3	1.2	1	1.5	5.7	5.6	6
Dispensary in %	0.1	0.2	0.2	0.6	1.6	1.7	2

Source: RBC/ HIV-AIDS division

Table 3.2.7: Number of couples tested for HIV

Year	VCT		PMTCT		VCT sites	PMTCT
	Couple tested	Discordant couples	Couple tested	Discordant couples		
2008	101,283	3,877	229,201	6,085	-	341
2009	106,050	3,877	248,806	5,899	413	377
2010	107,997	3,883	397,062	9,250	434	404
2011	98,424	1,611	273,127	4,464	452	452
2012	89,920	1,763	268,002	3,703	485	463
2013	85,362	1,835	294,282	3,696	503	461
2014	81,100	1,317	299,791	3,570	500	463
2015	79,475	1,483	294,217	3,281	570	530
2016	72,248	1,282	296,363	3,041	582	538
2017	76,866	1,334	268,962	2,202	585	539
2018	119,839	1,564	281,240	1,916	582	547

Source: RBC/ HIV-AIDS division

Table 3.2.8: Voluntary HIV /AIDS testing by age group

		People tested	Total in %	Number of HIV+	HIV+ prevalence in %
2013	< 15 years	312,919	10	1,367	0.4
	15-25	1,060,168	33	6,113	0.6
	>=25 year	1,815,736	57	17,827	1
	Total	3,188,823	100	25,307	0.8
2014	< 15 years	277,560	9	1,379	0.5
	15-25	975,673	33	6,338	0.6
	>=25 year	1,693,532	57	16,282	1
	Total	2,946,765	100	23,999	0.8
2015	<15 years	312,585	11	898	0.3
	15-24	949,131	32	5,557	0.6
	>=25 year	1,677,799	57	15,727	0.9
	Total	2,939,515	100	22,182	0.8
2016	<15 years	304,702	11	721	0.2
	15-24	922,703	33	4,507	0.5
	>=25 year	1,578,424	56	15,930	1
	Total	2,805,829	100	21,158	0.8

		People tested	Total in %	Number of HIV+	HIV+ prevalence in %
2017	<15 years	244,205	10.5	494	0.2
	15-24	793,803	34.1	3,353	0.4
	>=25 year	1,289,848	55.4	10,480	0.8
	Total	2,327,856	100.0	14,327	0.6
222018	<15 years	261,404	9	749	0.3
	15-24	958,294	34	4,581	0.5
	>=25 year	1,560,087	56	13,030	0.8
	Total	2,779,785	100	18,360	0.7

Source: RBC/ HIV-AIDS division

3.3 Family Planning

Table 3.3.1: Family Planning Users by method and units distributed in health facilities

Method	2015		2016		2017		2018	
	New users in 2015	Continuing users at the end of Dec. 2015	New users in 2016	Continuing users at the end of Dec. 2016	New users in 2017	Continuing users at the end of Dec. 2017	New users in 2018	Continuing users at the end of Dec. 2018
Implant	35,861	176,505	48,856	223,706	98,469	303,079	142,256	445,115
Injectable: Depo-Provera, Norristerat)	161,987	706,195	116,616	731,692	132,264	741,628	183,220	730,090
Oral contraceptives (pills)	61,597	228,278	58,460	240,089	64,717	261,231	82,766	273,070
Natural FP (cycle beads and Auto observation)	6201	19,764	5497	23,170	8,096	24,053	9,628	22,865
IUD	4,320	22,640	4,215	24,336	5,508	30,040	8,375	30,121
Barriers (gel diaphragm)	123	502	205	230	443	877	57	153
Surgical Contraception (tubal ligation)	1225	6,616	1460	8,115	2,163	10,495	1,937	12,847
Condom (Male, Female)	12,787	36,341	11,643	39,529	14,677	42,824	16,917	43,955
Vasectomy	154	2,955	142	3,309	191	3,097	653	2,940
Grand Total	284,255	1,199,796	247,094	1,294,176	326,528	1,417,324	445,809	1,571,247

Source: RBC

3.4 Malaria

Table 3.4.1: Malaria proportional Mortality 2012-2018

Year	2012	2013	2014	2015	2016	2017	2018
Under 5 Deaths due to Malaria	48	64	173	130	158	139	84
Under 5 All Deaths	1,647	1,854	5,080	4385	4,162	3842	3,802
Above 5 Deaths due to Malaria	314	401	416	401	685	244	241
Above 5 Deaths	7,379	7,275	4,435	7175	7,846	5464	6,249
Under 5 Malaria proportional Mortality (%)	2.91	3.45	3.41	3.0%	3.8%	3.6%	2.2%
Above 5 malaria proportional Mortality (%)	4.26	5.51	9.4	5.6%	8.7%	4.5%	3.9%

Source: RBC/ Malaria unit

3.5 Tuberculosis

Table 3.5.1: Incidence of tuberculosis 2013-2018

	2013	2014	2015	2016	2017	2018
TB Presumptives/TB Presumptives	185,375	204,742	181,324	161,038	161,141	199,384
TB cases all forms	5,979	5,907	5,637	5,576	5,759	5,754
TB smear positive pulmonary/ TB New pulmonary bacteriologically conformed	3,870	3,571	3,754	3,717	3,826	1,942
TB retreatment cases	331	427	452	346	547	188
TB Therapeutic success (New pulmonary bacteriologically conformed)	90	89	91	88.4%	87.6%	86.7%
TB failures rate (in %)	3	3	2	1.6%	1.3%	2.1%
TB Death rate associated with tuberculosis (in %)	5	5	5	5.8%	8.5%	5.5%
TB cases all forms tested for HIV	5,882	5,823	5,612	5,872	5,713	5,952
TB/HIV positive	1,448	1,531	1,449	1,277	1,257	1,235
MDR (multidrug resistant TB)	40	157	94	79	80	94

Source: RBC/ Tuberculosis unit

Table 3.5.2: Community Health Workers (CHWs) participation in community DOTS

Year		2012	2013	2014	2015	2016	2017	2018
Number of Districts								
TB Presumptives/TB Presumptives		165,864	185,375	204,742	181,324	161,038	161,141	199,384
Population Covered								
TB Presumptive cases	Total	165,864	185,375	204,742	181,324	161,038	161,141	199,384
	Detected by CHW	79,540	94,438	102,587	87,273	65,270	68,494	111,665
Number of positive presumptive cases	TOTAL	3,855	3,957	5,907	4,140	4,484	4,286	4,375
	Detected by CHW	1,074	1,157	1,200	1,077	1,165	1,065	1,414
% of presumptive referred by CHW	by CHW	48	51	50	48	41%	43%	56%
% of presumptive positive referred by CHW	by CHW	25	28	20	26	26%	25%	32%

Source: RBC/Tuberculosis unit

3.6 Nutrition

Table 3.6.1: Growth monitoring for less than 5 years by community health workers

	2014	2015	2016	2017	2018
Total frequency of U5 children screened for malnutrition by CHW	1,386,164	1,116,397	1,117,976	1,139,056	1,158,138
Frequency Moderate malnutrition (yellow)	9,498	6,373	6,498	8,195	11,675
Frequency Severe malnutrition (Red)	1,327	903	1,042	1,411	1,118
Frequency Normal (green)	1,123,045	1,109,121	1,110,436	1,129,450	1,145,346

Source: RBC

Table 3.6.2: Hospitalization for childhood malnutrition and health outcomes

Year	Level of care	Registrations		Status			
		New Cases	Old Cases	Recovered	Referred to Hospital	Lost to follow up	Died
2012	< 5 years	15,530	6,994	19,636	790	1,556	139
	>= 5 years	2,038	1,056	2,501	121	300	25
	Total	17,586	8,050	22,136	911	1,856	164
2013	< 5 years	17,238	2656	15,252	406	826	131
	>= 5 years	1,552	251	1,439	30	87	11
	Total	18,790	2,907	16,691	436	913	142
2014	< 5 years	23,663	3768	24,858	956	1120	236
	>= 5 years	4,806	629	4632	216	203	87
	Total	28,469	4,397	29,490	1,172	1,323	323
2015	< 5 years	21,756	3518	19,598	934	1014	295
	>= 5 years	3,751	242	3036	211	164	103
	Total	25,507	3,760	22,634	1,145	1,178	398
2016	< 5 years	23,198	2,273	20,086	828	990	305
	>= 5 years	3,538	217	2853	100	108	142
	Total	24,397	2,417	21,728	887	946	436
2017	< 5 years	1,519	42	1,354	66	40	86
	>= 5 years	526	19	440	26	14	31
	Total	2,045	61	1,794	92	54	117
2018	< 5 years	27,071	2,805	30,732	1,327	794	340
	>= 5 years	4,900	225	3,436	109	60	84
	Total	31,971	3,030	34,168	1,436	854	424

Source: RBC

Table 3.6.3: Outpatient treatment of malnutrition and health outcomes

Year	Level of care	Registrations		Status			
		New Cases	Old Cases	Recovered	Referred to Hospital	Lost to follow up	Died
2010	< 5 years	30,945	24,079	26,645	362	5,009	139
	>=5 years	6,644	2,915	5,224	92	644	27
	Total	37,589	26,994	31,869	454	5,653	166
2011	< 5 years	22,929	25,697	27,886	356	3,914	111
	>=5 years	6,319	5,294	6,284	67	760	22
	Total	29,248	30,991	34,170	423	4,674	133
2012	< 5 years	22,031	-	25,683	1,665	2,275	202
	>=5 years	2,823	-	3,067	229	413	30
	Total	24,854	-	28,750	1,894	2,688	232
2013	< 5 years	29,817	3902	24,073	1,139	1,344	342
	>=5 years	5,080	466	4,301	199	211	61
	Total	34,897	4,368	28,374	1,338	1,555	403
2014	< 5 years	23,663	3768	24,858	956	1,120	236
	>=5 years	6,135	724	5,679	254	247	124
	Total	29,798	4,492	30,537	1,210	1,367	360
2015	< 5 years	23,200	3768	20,771	985	1,106	310
	>=5 years	3,885	280	3,168	229	173	106
	Total	27,085	4,048	23,939	1,214	1,279	416
2016	< 5 years	23,198	2273	20,086	828	990	305
	>=5 years	3,724	236	2,996	114	118	156
	Total	26,922	2,509	23,082	942	1,108	461
2017	< 5 years	33,085	3,205	27,551	997	783	-
	>=5 years	4,720	430	2,576	93	53	-
	Total	37,805	3,635	30,127	1,090	836	-
2018	< 5 years	36,419	3,040	36,238	1,406	965	362
	>=5 years	5,229	248	3,547	132	70	88
	Total	41,648	3,288	39,785	1,538	1,035	450

Source: RBC

3.7 Gender Based Violence

Table 3.7.1: Gender Based Violence

Number of GBV Victims in District Hospitals	2015			2016			2017			2018		
	Males	Males	Males	Males	Females	Grand Total	Males	Females	Grand Total	Males	Females	Grand Total
GBV victims with symptoms of physical violence (new cases)	1,578	4,303	5,881	1,715	4,665	6,380	1,838	5,579	7,417	1,715	4,665	6,380
GBV victims with symptoms of sexual violence (new cases)	291	7,277	7,568	300	7,509	7,809	344	9,744	10,088	300	7,509	7,809
National	1,869	11,580	13,449	2,015	12,174	14,189	2,182	15,323	17,505	2,015	12,174	14,189

Source: RBC

Table 3.7.2: Utilization rate of curative services in public and private health facilities

	Health facility levels	2014	2015	2016	2017	2018
Targeted Population		10,996,895	11,262,565	11,533,446	11,809,295	12,374,398
Outpatient New case in consultation	Community-owned health facility	53,031	40,695	71,927	37,120	
	Dispensary	174,375	179,996	156,947	126,377	100,185
	Medical Clinic	360,366	378,781	444,536	474,460	555,296
	Private Hospital				31,571	23,996
	Prison Clinic	118,019	123,089	138,940	133,377	141,265
	Health Center	10,106,261	12,623,000	13,957,396	13,781,240	14,801,030
	CHW Home-based care	269,761	331,055	1,426,442	2,688,454	2,276,521
	District Hospital/Provincial Hospital	543,011	528,449	539,408	592,575	694,415
	Referral Hospitals	92,993	157,861	170,240	191,960	237,456
	Health Post					104,305
Grand total		11,717,817	14,362,926	16,905,836	18,057,134	18,934,469
Per Capita utilization rate		1.07	1.28	1.47	1.53	1.53

Source: R-HMIS database

3.8 Morbidity

Table 3.8.1: Outpatient visits in public and private Health Facilities and Community (Outpatient care)

Health service level	2015	% change	2016	% change	2017	% change	2018	% change
Health Centers	12,623,000	25%	13,957,396	11%	13,781,240	-1%	14,801,030	7%
District and Provincial Hospitals	528,449	-3%	539,408	2%	592,575	10%	694,415	17%
CHW Home Based care	331,055	23%	1,426,442	331%	2,688,454	88%	2,276,521	-15%
Referral Hospitals	157,861	70%	170,240	8%	191,960	13%	237,456	24%
Privates	558,777	4%	601,483	8%	632,408	5%	679,477	7%
Total	14,199,142	29%	16,694,969	18%	17,886,637	7%	18,688,899	4%

Source: National HMIS Database

3.9 Hospitalization and Mortality

Table 3.9.1: Deaths reported in public and private health facilities

Deaths	2015	Percentage of change	2016	Percentage of change	2017	Percentage of change
Health Centers	1382	249%	896	-35.17%	762	-14.96%
District and Provincial Hospitals	8237	-8%	10140	23.10%	9673	-4.61%
Referral Hospitals	2848	62%	1868	-34.41%	2048	9.64%
Total	12467	12%	12904	3.51%	12483	-3.26%

Source: R-HMIS Database

Table 3.9.2: Top ten causes of morbidity in child U5 in Health Centers, 2016

Rank	Disease Group	Cases	%
1	ARI	647,589	24.7%
2	Gastro-intestinal disease	434,738	16.6%
3	Malaria	335,274	12.8%
4	Eye infection	249,217	9.5%
5	Gynecological problems	188,860	7.2%
6	Intestinal parasites	154,974	5.9%
7	Pneumopathies	151,657	5.8%
8	Tooth and gum disease	139,339	5.3%
9	Neonatal illness	84,997	3.2%
10	Skin infections	83,308	3.2%
	Other diseases	156,311	6.0%
	Total	2,626,264	

Source: R-HMIS

Table 3.9.3: Top causes of morbidity in health centers, 2014-2016 (All Age groups)

Cause of outpatient visit	2014	2015	2016
Respiratory infections acute (ARI)	2,051,749	3,331,300	3,267,932
Malaria	1,594,708	2,444,644	3,335,208
Intestinal parasites	655,416	694,988	722,982
Respiratory infections acute other	552,908		
Physical trauma and fractures	490,928		
Gastro-intestinal disease	386,303	414,423	419,339
Tooth and gum disease	374,607	390,618	402,849
Skin infections	356,812	426,423	450,430
Eye problems	286,332	325,572	638,080
Urinary tract infections		254,299	279,625
Pneumopathies		251,695	246,801
Diarrhea	260,033	150,981	
Other causes of morbidity	1,102,970	3,983,057	4,006,951
Total new cases OPD	8,112,766	12,668,000	13,957,396

Source: R-HMIS

Table 3.9.4: Top causes of morbidity in Hospital, 2014-2016 (All Age group)

Diseases groups	Cases in 2014	Cases in 2015	Cases in 2016
Tooth and gum disease	127,170	141,979	131,970
Eye problems	74,170	76,008	83,694
Physical trauma and fractures	45,473	45,356	43,625
ARI	31,350	24,062	21,450
Gastro-intestinal disease	30,756	26,606	26,511
Gynecological problems	22,361	-	17,971
Urinary tract infections	17,273	16,867	17,365
Cardio vascular disease	-	22,267	20,856
Skin infections	14,016	14,883	15,528
Obstetrical problems	-	8,438	
Malaria	-	6,269	
Hypertension	9,498	-	
Neurological problems	8,879	-	
Other diseases	45,095	198,060	314,271
Total	426,041		

Source: R-HMIS

Table 3.9.5: Top ten causes of death in health centers, District/Provincial and Referral Hospitals, 2016 (All Age group)

Rank	Disease group	Total	%
1	Neonatal illness	3735	28.9%
2	ARI	2583	20.0%
3	Cardio-vascular disease	921	7.1%
4	Malaria	718	5.6%
5	Congenital anomalies	588	4.6%
6	Pneumopathies	560	4.3%
7	Physical trauma and fractures	491	3.8%
8	Gynecological problems	471	3.7%
9	Asthma	366	2.8%
10	HIV_AIDS opportunistic infections	359	2.8%
	Other diseases	2,112	16.4%
	Total	12,904	

Source: R-HMIS Database

Table 3.9.6: Selected surgical interventions

Surgery Type	2015		2016		2017	
	Number	Percent	Number	Percent	Number	Percent
General Surgery						
Adenectomy	105	0.11%	97	0.10%	142	0.14%
Appendectomy	134	0.14%	121	0.12%	205	0.20%
Cataract	3,73	3.63%	3,000	3.09%	3541	3.37%
Glaucoma	629	0.66%	594	0.61%	558	0.53%
Hernioraphy	1,819	1.90%	2,007	2.07%	2,077	1.98%
Laparotomy	1,328	1.39%	1,217	1.25%	1341	1.28%
Laparotomy (EUP)	571	0.60%	560	0.58%	640	0.61%
Thyroidectomy	228	0.24%	161	0.17%	171	0.16%
Trachoma	6	0.01%	28	0.03%	42	0.04%
Other general surgery	16,488	17.23%	17,109	17.62%	19,946	18.97%
Total General Surgeries	24,781	25.90%	24,894	25.64%	28,663	27.27%
Gyneco-Obstetrical Surgery						
Cesarean surgery with anesthesia	49,078	51.30%	48,403	49.85%	50,659	48.19%
Hysterectomy	686	0.72%	931	0.96%	980	0.93%
Other Laparotomies	1,136	1.19%	1,131	1.16%	1,189	1.13%
Myomectomy	475	0.50%	398	0.41%	501	0.48%
Fistula Repair	46	0.05%	102	0.11%	202	0.19%
Biopsy Curettage	908	0.95%	928	0.96%	1064	1.01%
Other Gyneco-obstetrical surgery	2,325	2.43%	2,689	2.77%	3,460	3.29%
Total Gyneco-Obstetrical Surgeries	54,654	57.13%	54,582	56.22%	58,055	55.23%
Orthopedic Surgery						
Amputations	226	0.24%	314	0.32%	316	0.30%
Cleft lip or palette_surgery	31	0.03%	38	0.04%	51	0.05%
Fracture without implant	3,608	3.77%	2,918	3.01%	3,740	3.56%
Osteosynthesis	1,910	2.00%	2,314	2.38%	2,154	2.05%
Trauma surgery	284	0.30%	257	0.26%	240	0.23%
Other Ophthalmological surgery	2,912	3.04%	2,974	3.06%	2,541	2.42%
Other Orthopedic surgery	7,015	7.33%	8,699	8.96%	9,287	8.83%
Other plastic surgery	245	0.26%	100	0.10%	74	0.07%
Total Orthopedic Surgeries	16,231	16.97%	17,614	18.14%	18,403	17.51%
Grand Total	95,666	100%	97,090	100%	105,121	100%

Source: National HMIS database

Table 3.9.7: Radiology Exams

Years	2014	%	2015	%	2016	%	2017	%
Total Radiology Exams	182,744	55.93%	189,121	3%	196,265	3.8%	203,636	3.76%
Lungs	64,552	19.76%	72,774	13%	71,838	-1.3%	73,934	2.92%
Bones	98,005	30.00%	106,794	9%	114,080	6.8%	119,197	4.49%
Abdomen without preparation	5,390	1.65%	6,318	17%	6,391	1.2%	6,596	3.21%
Abdomen with dyes	825	0.25%	554	-33%	291	-47.5%	320	9.97%
Other Radiology	14,512	4.44%	2,681	-82%	3,665	36.7%	3,589	-2.07%
Gastroscopy	3,691	1.13%	5,230	42%	3,549	-32.1%	5,285	48.92%
Echography	135,332	41.42%	141,860	5%	169,076	19.2%	176,060	4.13%
ECG	4,960	1.52%	6,464	30%	4,566	-29.4%	7,972	74.59%
Other Medical Imagery			1,733		1,832	5.7%	4,379	139.03%
Total Exams	326,727	100.00%	344,408	5%	376,146	9.2%	398,184	5.86%

Source: R-HMIS Database

Table 3.9.8: Number of RSSB Affiliates and dependents (medical scheme) by District

Districts	2015-2016			2016-2017		
	Affiliates	Dependent	Total	Affiliates	Dependent	Total
Gasabo	18,525	32,741	51,266	15,235	28,237	43,472
Nyarugenge	11,250	23,099	34,349	14,016	28,773	42,789
Kicukiro	6,064	10,800	16,864	8,087	12,276	20,363
Huye	4,472	8,613	13,085	4,423	8,245	12,668
Musanze	3,874	9,007	12,881	3,950	8,763	12,713
Muhanga	3,592	7,075	10,667	3,696	6,972	10,668
Rubavu	3,690	8,780	12,470	3,511	8,347	11,858
Gicumbi	3,751	7,289	11,040	3,849	7,196	11,045
Nyamagabe	3,626	6,646	10,272	4,010	6,726	10,736
Rwamagana	4,777	6,695	11,472	3,224	5,668	8,892
Ngoma	3,669	6,296	9,965	3,647	6,076	9,723
Nyamasheke	3,973	7,831	11,804	4,302	7,874	12,176
Nyagatare	3,985	6,427	10,412	3,898	6,267	10,165
Bugesera	3,251	6,050	9,301	3,452	6,130	9,582
Nyabihu	3,194	7,289	10,483	3,384	7,775	11,159
Gakenke	3,218	5,992	9,210	3,469	6,058	9,527
Nyanza	3,368	5,911	9,279	3,613	6,026	9,639
Rulindo	3,748	6,712	10,460	3,512	6,118	9,630
Ruhango	2,834	5,285	8,119	3,035	5,341	8,376
Gatsibo	3,819	6,109	9,928	3,902	6,162	10,064
Kamonyi	2,997	5,481	8,478	3,073	5,395	8,468
Karongi	3,950	7,215	11,165	4,025	7,059	11,084
Kayonza	3,331	5,110	8,441	3,393	5,077	8,470
Ngororero	2,848	6,000	8,848	3,015	6,027	9,042
Burera	2,990	6,612	9,602	3,118	6,623	9,741
Gisagara	3,039	4,881	7,920	3,095	4,823	7,918
Kirehe	3,103	4,896	7,999	2,982	4,772	7,754
Rutsiro	2,954	5,544	8,498	3,129	5,623	8,752
Nyaruguru	2,998	4,941	7,939	3,182	5,099	8,281
Rusizi	4,089	8,094	12,183	4,188	7,893	12,081

Districts	2015-2016			2016-2017		
	Affiliates	Dependent	Total	Affiliates	Dependent	Total
Total	130,979	243,421	374,400	133,415	243,421	376,836

Source: RSSB

3.10 Health Workers

Table 3.10.1: Health workers in public sector

Staff Category	2012	2013	2014	2015
Doctors	683	684	709	742
Dentists	115	108	113	127
Pharmacists	99	99	108	114
Nurses	8,779	8,985	8,898	8,751
Midwives	451	622	692	910
Mental Health	140	151	149	208
Anesthesia Practitioners	237	243	253	263
Laboratory Technician	1,164	1,513	1,499	1,545
Physiotherapists	119	117	133	125
Orthopedics	19	20	21	23
Radiologists	110	110	116	116
Ophthalmologists	44	42	43	45
Public Health	140	157	157	180
Nutritionists	194	199	199	207
Environmental Health Officers	254	227	244	226
Clinical Psychologists	114	161	151	103
Social Workers	988	1275	1,289	886
Administrative and Support Staff	2,471	3108	3,176	4,006

Source: R-HMIS Database

Table 3.10.2: Number of Health Facilities

Year	2013	2014	2014	2015	2016	2017	2018
National Referral Hospitals	5	8	8	8	8	8	8
Provincial Hospital		4	4	4	4	4	4
District Hospitals	42	35	35	35	36	36	36
Police Hospital	1	1	1	1			
Health Centers	465	478	478	495	499	503	504
Prison Dispensaries	15	15	15	15	14	13	13
Health Posts	252	380	380	406	471	515	703
Private Dispensaries	137	113	113	123	125	130	130
Private Clinics	84	91	91	95	123	128	128
Private Hospital					5	5	8
Community-owned health facility	15	15	15	13			
VCT center	20	21	21	26			
Total	1,036	1,161	1,161	1,221	1,285	1,342	1,534

Source: R-HMIS Database

Table 3.10.3: Number of beds by public health facility type

Facility Types	2011	2012	2013	2014	2015	2016	2017
Health Center	9,684	9,756	10,436	10,959	10,637	11,125	11,212
District Hospital	6,663	6,742	6,994	5,739	5,825	5,802	5,940
Provincial hospital				599	684	687	691
Referral Hospitals	946	920	1,524	1,683	2,146	2,166	2,123
Total	17,293	17,418	18,954	18,980	19,292	19,780	19,966

Source: R-HMIS Database

Table 3.10.4: Availability of power in public health facilities

		2015		2016	
		Number of facilities	% of total	Number of facilities	% of total
Primary Source	National grid	511	82	517	83
	Generator	511	3	517	9
	Solar panels	511	13	517	8
	Biogaz	511	-	517	-
	No electricity	511	2	517	1
Secondary Source	Generator	511	55	517	49
	Solar panels	511	18	517	17
	Biogaz	511	-	517	1

Source: R-HMIS Database

Table 3.10.5: Availability of water in public Health facilities (%)

Sources of water in health facilities	2013	2014	2015	2016	2017
Piped water supply in facility	29	51	58	57	61
Piped water supply on facility grounds	8	16	18	18	18
Public tap stand pipe	9	18	18	18	19
Tube well Borehole	1	2	3	2	3
Protected well	5	11	11	11	11
Unprotected well borehole	1	1	2	2	1
Surface water river lake	2	3	4	5	5
Rain water tank	32	55	60	55	56
Water Truck	7	14	14	15	16
No regular water source	5	9		1	4

Source: R-HMIS Database

Table 3.10.6: Distribution of computers and printers by type of health facility, 2016

ICT equipment and accessories	Hospitals			Health centers		
	Average Nb	Min	Max	Average Nb	Min	Max
Desktop	28	6	77	4	0	19
Laptop	17	5	57	3	0	9
Printer	11	0	32	2	0	7
Bar code scanner	1	0	8	0	0	11
bar code printer	1	0	5	0	0	4
Server	1	0	3	0	0	6

Source: R-HMIS Database

Table 3.10.7: Internet access in health centers and hospitals

Year	2015				2016			
	Hospitals (N=38)	%	HCs (N=465)	%	Hospitals (N=36)	%	HCs (N=474)	%
Wireless modem (MTN, Tigo, etc.)	21	55	421	91	22	61	420	89
Wired/fixed line ADSL, Fiber	20	53	15	3	20	56	22	5
Satellite (VSAT)	2	5	4	1	0	0	0	0
Wireless (Wimax)	5	13	16	3	10	28	22	5
No internet connection	0	0	31	7	1	3	32	7

Source: R-HMIS Database

Table 3.10.8: Transport owned by district hospitals and public health centers, 2016

Transport type	Facilities	%	Average Nb	Min	Max
Ambulances	Hospitals (N=39)	100%	3	1	5
	HCs (N=470)	17%	0	0	2
Facility owned cars	Hospitals (N=38)	87%	2	0%	6
	HCs (N=467)	4%	0	0%	2
Pickup truck for goods	Hospitals (N=39)	98%	2	0	4
	HCs (N=465)	2%	0	0	3
Motorcycles	Hospitals (N=39)	100%	4	100%	8
	HCs (N=477)	94%	2	0%	5
Bicycles	Hospitals (N=39)	5%	0	0	1
	HCs (N=465)	6%	0	0	3

Source: R-HMIS Database, 2016

Table 3.10.9: Basic medical equipment in District Hospitals and Health Centers, 2016

Type of Health Facility	Basic Medical equipment	None	%	1 to 5	%	More than 5	%
Referral, Provincial & District Hospitals (N=36)	Binocular/Microscope	0	0%	30	83.3%	6	16.7%
	Refrigerator	0	0%	8	22.2%	28	77.8%
	X-Ray	3	8.3%	33	91.7%	0	0.0%
	Electric Autoclave	2	5.6%	31	86.1%	3	8.3%
	Non-electric Autoclave	2	88.9%	4	11.1%	0	0.0%
	Anesthesia machine	9	25.0%	27	75.0%	0	0.0%
	Echograph	1	2.8%	35	97.2%	0	0.0%
	ECG_Electro_Cardio Graph	4	38.9%	21	58.3%	1	2.8%
Health Centers (N=481)	Binocular/Microscope	6	7.5%	440	91.5%	5	1.0%
	Refrigerator	1	12.7%	414	86.1%	6	1.2%
	X-Ray	76	99.0%	5	1.0%	0	0.0%
	Electric Autoclave	19	45.5%	262	54.5%	0	0.0%
	Non-electric Autoclave	93	81.7%	88	18.3%	0	0.0%
	Anesthesia machine	59	95.4%	20	4.2%	2	0.4%

Source: R-HMIS Database, 2016

CHAPTER IV: EDUCATION

4.1 Pre-Primary Education

Table 4.1.1: Pre-primary profile 2013-2018

Year	2013	2014	2015	2016	2017	2018
Total (Pupils)	142,471	159,291	183,658	185,666	220,435	226,706
Boys	69,418	77,872	90,135	91,356	108,462	112,044
Girls	73,053	81,419	93,523	94,310	111,973	114,662
% of Boys	48.72%	48.89%	49.08%	49.20%	49.20%	49.4%
% of Girls	51.28%	51.11%	50.92%	50.80%	50.80%	50.6%
GER (Overall)	15.70%	17.50%	20.20%	23.75%	24.10%	24.40%
Boys	15.30%	17.20%	19.90%	23.25%	23.70%	24.00%
Girls	16.00%	17.90%	20.50%	24.24%	24.50%	24.80%
NER (Overall)	12.70%	13.30%	14.20%	17.52%	20.60%	20.80%
Boys	12.50%	13.00%	14.00%	17.12%	20.20%	20.40%
Girls	13.00%	13.50%	14.50%	17.93%	20.90%	21.20%
Pupils in public schools	363	93,499	86,634	96,441	129,507	140,690
Boys	198	45,524	42,563	47,078	63,196	69,364
Girls	165	47,975	44,071	49,363	66,311	71,326
Pupils in Private/community schools	142,108	65,792	97,026	89,225	90,928	86,016
Boys	69,220	32,348	47,586	44,278	45,266	42680
Girls	72,888	33,444	49,440	44,947	45,662	43336
Total (Staff)	3,808	4,671	5,386	5,859	6,812	7,178
Male	714	921	1,101	1,297	1,367	1,457
Female	3,094	3,750	4,285	4,562	5,445	5,721
% of Male	18.80%	19.70%	20.40%	22.10%	20.10%	20.3%
% of Female	81.30%	80.30%	79.60%	77.90%	79.90%	79.7%
Pupils: Teacher Ratio	38:01:00	34:01:00	34:01:00	32	37	32
Total number of schools	2,076	2,431	2,618	2,757	3,186	3,210
Public	2	1,420	1,211	1474	2,322	455
Private	2,074	1,011	1,407	1283	864	1,123
Used Classrooms	3,064	3,648	4,177	4427	5,207	5,509
Pupil Classroom Ratio	46	44	44	42	42	41

Source: MINEDUC

Table 4.1.2: Pre-primary schools, classrooms, pupils and staff by status in 2018

Status	Schools	Classrooms	Pupils			Staff		
			Male	Female	Total	Male	Female	Total
Public	455	608	15978	15962	31,940	124	564	688
Government aided	1,632	2,234	53386	55364	108,750	495	2,107	2,602
Private	1,123	2,667	42680	43336	86,016	838	3,050	3,888
Total	3,210	5,509	112,044	114,662	226,706	1,457	5,721	7,178

Source: MINEDUC

Table 4.1.3: Pre-primary pupils with disabilities in 2018

Level	Hearing	Visual	Speaking	Other Physical	Learning	Multiple disabilities	TOTAL		
							Male	Female	Total
Male	56	93	187	222	110	39	277	203	480
Female	44	88	103	132	84	29	169	117	286
Total	100	181	290	354	194	68	297	190	487
Total							743	510	1,253

Source: MINEDUC

4.2 Primary Education

Table 4.2.1: School by Ownership from 2016 to 2018

Year	2016		2017		2018	
	Number	Percentage	Number	Percentage	Number	Percentage
Public	725	25.5	726	25.2	736	25.3
Catholic	1,137	40	1,152	40	1,153	39.6
Protestant	640	22.5	647	22.5	648	22.3
Adventist	57	2	57	2	57	2.0
Islamic	20	0.7	19	0.7	21	0.7
Parents associations	122	4.3	137	4.8	137	4.7
Others	141	5	139	4.8	157	5.4
Total	2,842	100	2,877	100	2,909	100

Source: MINEDUC

Figure 4.2.1: School by Ownership in 2018

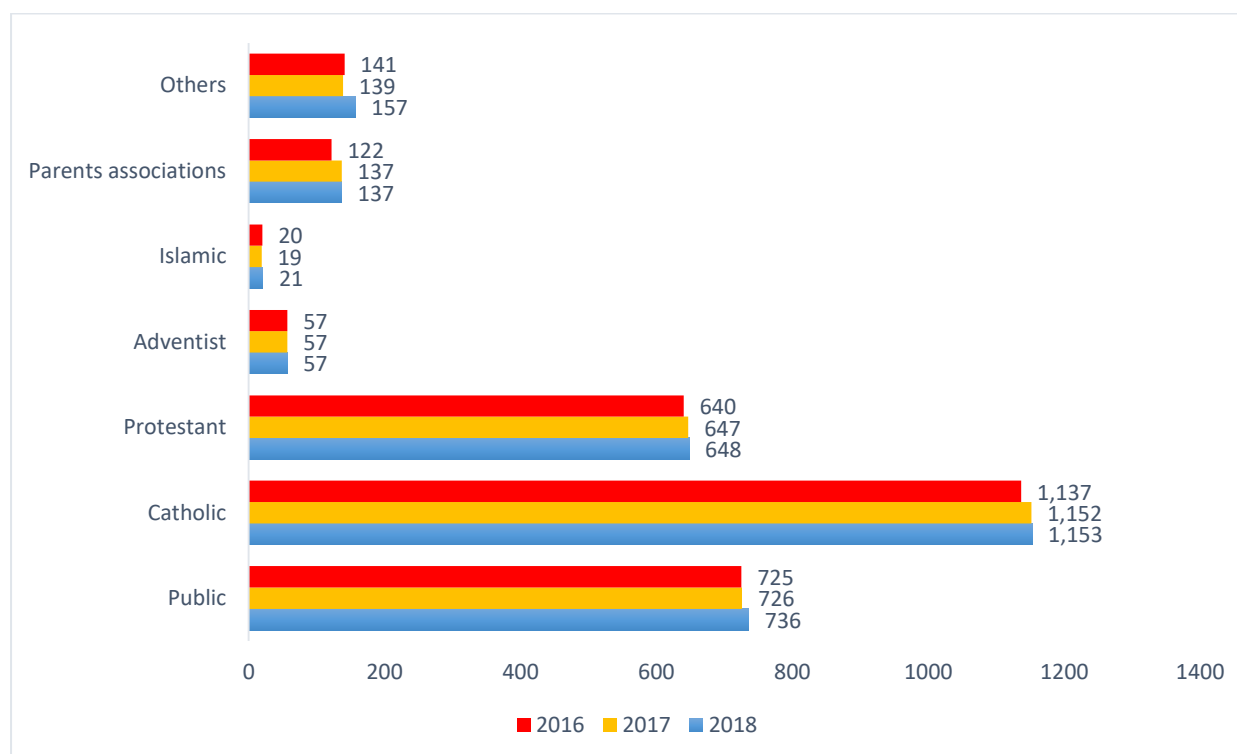


Table 4.2.2: Table 4.2.2: School by level from 2017 to 2018

Year	2017		2018	
	Number	Percentage	Number	Percentage
Schools by Settings				
Primary only	1,785	62	1,800	61.9
Primary+ Secondary ordinary level	592	20.6	615	21.1
Primary+ Secondary (O+A'level)	500	17.4	494	17.0
Total	2,877	100	2,909	100

Source: MINEDUC

Table 4.2.3: Primary profile from 2014 to 2018

Year	2014	2015	2016	2017	2018
Total (pupils)	2,399,439	2,450,705	2,546,263	2,540,374	2,503,705
Boys	1,181,715	1,214,019	1,271,170	1,272,842	1,259,344
Girls	1,217,724	1,236,686	1,275,093	1,267,532	1,244,361
% of Boys	49.20%	49.50%	49.90%	50.10%	50.3%
% of Girls	50.80%	50.50%	50.10%	49.90%	49.7%
Gross Enrolment Rate	134.30%	135.30%	139.60%	139.10%	137.50%
Boys	133.20%	134.80%	140.10%	140.10%	139.00%
Girls	135.50%	135.80%	139.20%	138.20%	136.10%
Net Enrolment Rate	96.80%	96.90%	97.70%	98%	98.30%
Boys	96.20%	96.30%	97.30%	97.80%	98.00%
Girls	97.30%	97.40%	98.00%	98.10%	98.50%
Completion Rate	61.30%	60.40%	65.20%	79.30%	82.90%
Boys	56.40%	55.30%	59.30%	72.30%	76.10%
Girls	66.10%	65.50%	71.10%	86.20%	89.60%
School staff	41,192	42,005	43,558	43,906	44,544
Male	19,257	19,529	20,172	20,374	20,539
Female	21,935	22,476	23,386	23,532	24,005
% of Male	46.70%	46.50%	46.30%	46.40%	46.1%
% of Female	53.30%	53.50%	53.70%	53.60%	53.9%
Qualified Teachers	39,370	39,453	40,921	43,129	43,941
Qualified Male Teachers	18,341	18,226	18,871	19,898	20,161
Qualified Female Teachers	21,029	21,227	22,050	23,231	23,780
% of Qualified Teachers	95.60%	93.90%	93.90%	98.20%	98.60%
% of Qualified Male teachers	95.20%	93.30%	93.60%	97.70%	98.20%
% Qualified Female teachers	95.90%	94.40%	94.30%	98.70%	99.10%
Pupils: Teacher Ratio	58	58	58	58	56
Pupils: Qualified Teacher Ratio	61	62	62	59	57
Schools	2,711	2,752	2,842	2,877	2,909

Year	2014	2015	2016	2017	2018
Used Classrooms	30,011	30,477	31,437	31,927	32,548
Pupils Classroom ratio	80	80	81	80	77
Number of Classes	56,898	57,409	58,560	59,572	56,683
Pupils per class	42	43	43	43	44

Source: MINEDUC

Table 4.2.4: Primary promotion repetition and dropout by district in 2017/2018

District	Promotion Rate	Repetition Rate	Dropout Rate
Gisagara	74.9%	15.6%	9.5%
Huye	79.9%	12.9%	7.2%
Kamonyi	78.7%	16.5%	4.8%
Muhanga	83.3%	13.1%	3.6%
Nyamagabe	78.3%	13.3%	8.4%
Nyanza	87.0%	9.8%	3.2%
Nyaruguru	78.9%	16.2%	4.9%
Ruhango	76.7%	14.5%	8.8%
Karongi	73.6%	21.4%	5.0%
Ngororero	84.4%	8.0%	7.6%
Nyabihu	73.3%	19.3%	7.4%
Nyamasheke	80.6%	15.0%	4.4%
Rubavu	75.7%	17.2%	7.1%
Rusizi	79.1%	14.1%	6.8%
Rutsiro	70.9%	20.9%	8.2%
Bugesera	78.3%	12.1%	9.6%
Gatsibo	82.6%	8.8%	8.6%
Kayonza	80.8%	11.1%	8.1%
Kirehe	81.6%	10.5%	7.9%
Ngoma	74.2%	16.2%	9.6%
Nyagatare	81.1%	6.8%	12.1%
Rwamagana	87.8%	10.1%	2.1%
Burera	70.9%	22.3%	6.8%
Gakenke	78.4%	16.3%	5.3%
Gicumbi	81.0%	12.7%	6.3%
Musanze	81.5%	12.0%	6.5%
Rulindo	92.5%	5.3%	2.2%
Gasabo	84.9%	11.2%	3.9%
Kicukiro	84.7%	9.7%	5.6%
Nyarugenge	83.4%	8.7%	7.9%

Source: MINEDUC

Table 4.2.5: Primary Enrollment by grade in 2016 and 2018

Grade	2016			2017			2018		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Primary 1	315,448	291,264	606,712	255,953	237,833	493,786	268,745	248,498	517,243
Primary 2	280,023	261,532	541,555	278,399	255,325	533,724	239,865	221,634	461,499
Primary 3	234,148	229,329	463,477	245,021	233,916	478,937	233,530	219,215	452,745
Primary 4	191,879	202,810	394,689	208,425	213,490	421,915	214,819	214,593	429,412
Primary 5	160,230	181,180	341,410	174,152	193,357	367,509	183,634	199,112	382,746
Primary 6	89,442	108,978	198,420	110,892	133,611	244,503	118,751	141,309	260,060
TOTAL	1,271,170	1,275,093	2,546,263	1,272,842	1,267,532	2,540,374	1,259,344	1,244,361	2,503,705

Source: MINEDUC

Figure 4.2.2: Primary Enrollment by grade in 2016 and 2018

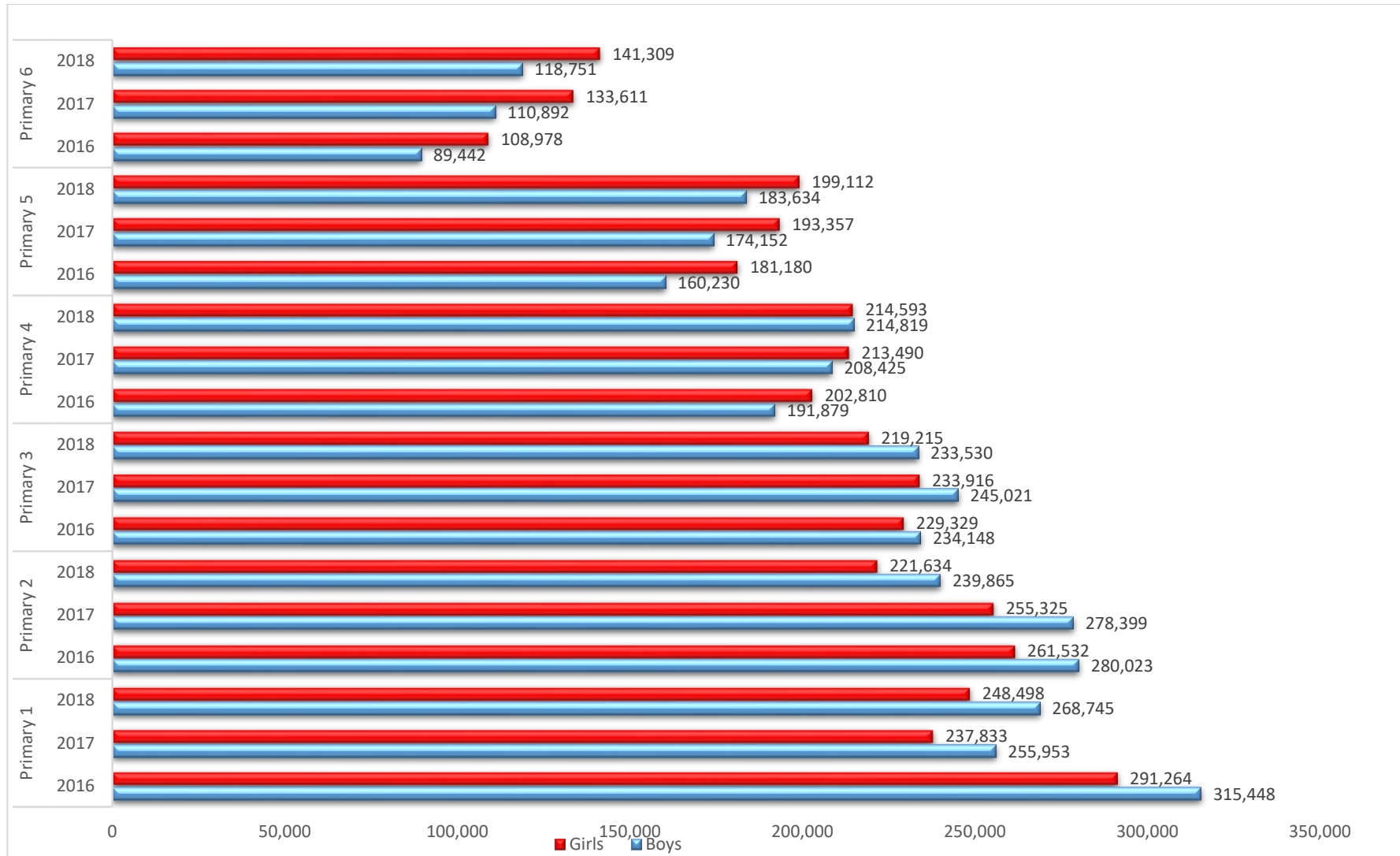


Table 4.2.6: Primary school leaving examination results from 2012 to 2018

Year	Sat for exams			Passed exams			% passed		
	Girls	Boys	Total	Girls	Boys	Total	Girls	Boys	Total
2012	91,277	78,877	166,154	74,679	63,380	138,059	81.80	84.60	83.10
2013	93,823	78,446	172,269	72,693	61,830	134,523	77.50	78.80	78.10
2014	86,297	70,738	157,035	71,973	60,727	132,700	83.40	85.80	84.50
2015	88,178	71,819	159,997	74,182	61,472	135,654	84.10	85.60	84.80
2016	103,149	83,460	186,609	87,777	71,484	159,261	85.10	85.65	85.34
2017	125,606	102,442	228,048	109,329	87,544	196,873	87%	85.5%	86.3%
2018	135,281	112,766	248,047	111,222	90,045	201,267	82.2%	79.9%	81.1%

Source: MINEDUC

Figure 4.2.3: Primary school leaving examination results from 2012 to 2018

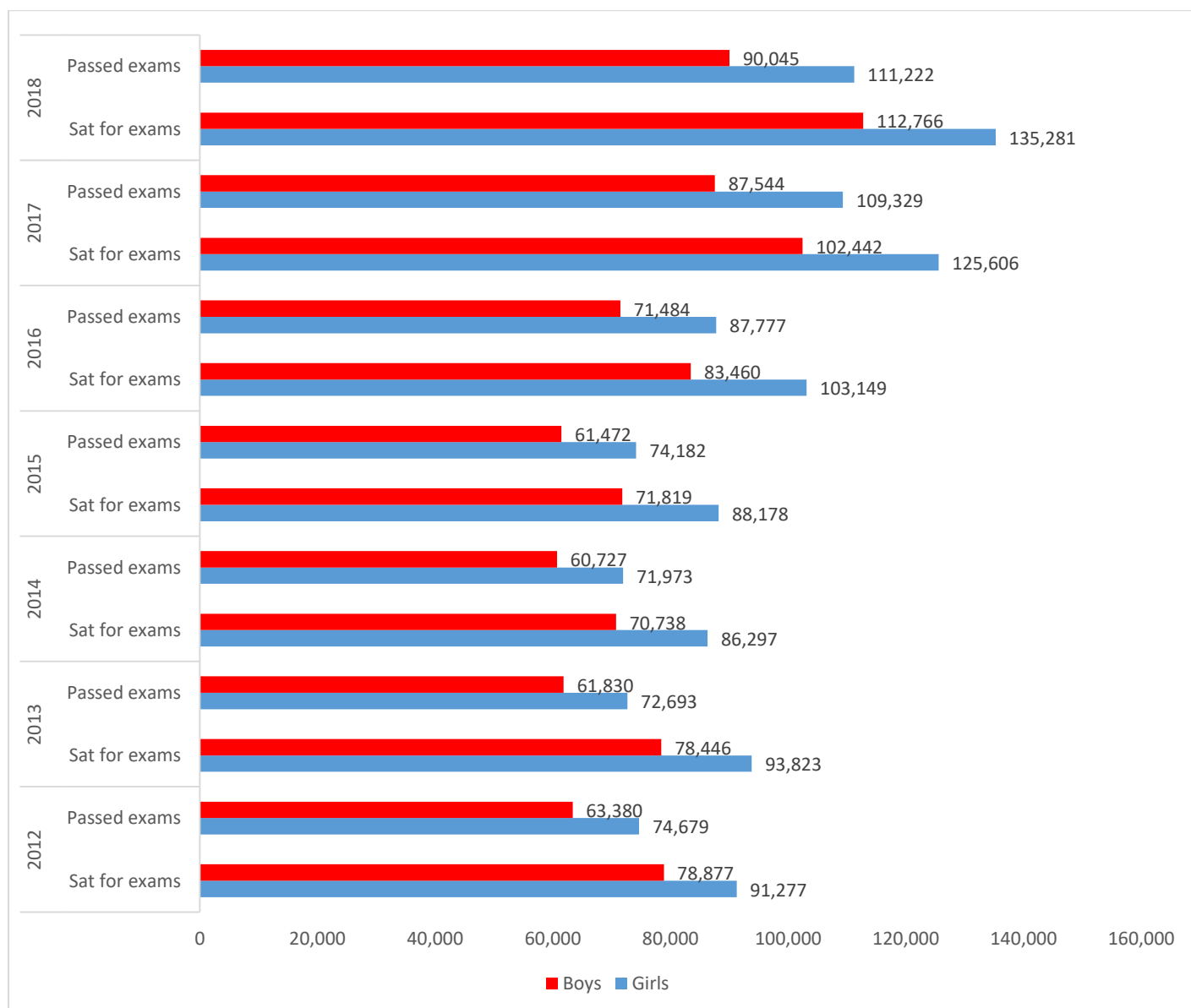


Table 4.2.7: Primary school pupils with disabilities in 2018

Type of disability/Level	P 1	P 2	P 3	P 4	P 5	P 6	Total
Hearing	371	241	235	210	222	172	1,451
Visual	495	432	481	473	434	451	2,766
Speaking	649	351	280	176	134	87	1,677
Hearing and speaking	245	178	155	155	136	135	1,004
Physical	1,225	1,080	1,128	1,089	998	806	6,326
Learning	911	630	450	359	310	176	2,836
Multiple disabilities	348	256	169	106	107	87	1,073
Total	4,244	3,168	2,898	2,568	2,341	1,914	17,133

Source: MINEDUC

Table 4.2.8: Primary school pupils with disability enrolled in 2016, 2017 and 2018

Level	2016				2017				2018		
	Boys	Girls	Total	% of girls	Boys	Girls	Total	% of girls	Boys	Girls	Total
Primary 1	2,719	2,040	4,759	42.90%	2,809	2,052	4,861	42.2	2,508	1,736	4,244
Primary 2	2,182	1,536	3,718	41.30%	2,194	1,673	3,867	43.3	1,834	1,334	3,168
Primary 3	1,858	1,426	3,284	43.40%	1,934	1,587	3,521	45.1	1,693	1,205	2,898
Primary 4	1,553	1,361	2,914	46.70%	2,000	1,692	3,692	45.8	1,394	1,174	2,568
Primary 5	1,411	1,284	2,695	47.60%	2,006	2,025	4,031	50.2	1,270	1,071	2,341
Primary 6	916	832	1,748	47.60%	2,374	2,634	5,008	52.6	970	944	1,914
Total	10,639	8,479	19,118	44.40%	13,317	11,663	24,980	46.7	9,669	7,464	17,133

Source: MINEDUC

Table 4.2.9: Number of primary school and classrooms by school status from 2016 to 2018

		Public	Government aided	Private	Total
2016	Schools	725	1,769	348	2,842
	Average Pupil per School	1,063	935	350	896
	Classrooms	8,781	19,636	3,020	31,437
	Average Pupil per Classroom	88	84	40	81
2017	Schools	725	1,774	378	2,877
	Average Pupil per School	1099	929	254	883
	Classrooms	9,073	19,849	3,005	31,927
	Average Pupil per Classroom	88	83	32	80
2018	Schools	736	1,781	392	2,909
	Average Pupil per School	1,075	904	264	861
	Classrooms	9,287	20,072	3,189	32,548
	Average Pupil per Classroom	85	80	32	77

Source: MINEDUC

Table 4.2.10: Number of primary schools by settings in 2017 and 2018

Year	2017		2018	
Schools by Settings	Number	Percentage	Number	Percentage
Primary only	1,785	62.00%	1,800	61.9%
Primary+ Secondary ordinary level	592	20.60%	615	21.1%
Primary+ Secondary (O+A' level)	500	17.40%	494	17.0%
Total	2,877	100%	2,909	100%

Source: MINEDUC

Table 4.2.11: Primary schools, classrooms and desks by District in 2016, 2017, and 2018

District	2016			2017		2018		
	Schools	Classrooms	Desks	Schools	Classrooms	Schools	Classrooms	Desks
Gisagara	61	854	14,072	64	913	64	943	14170
Huye	99	947	18,129	98	951	99	966	15732
Kamonyi	93	991	17,624	94	1,009	99	1059	16323
Muhanga	117	975	17,806	120	1,007	122	1037	18747
Nyamagabe	106	1,133	19,424	108	1,176	108	1183	19904
Nyanza	82	889	15,512	84	894	84	905	14423
Nyaruguru	90	923	16,536	90	928	90	929	15089
Ruhango	75	950	15,878	78	979	79	991	16135
Southern	723	7662	134,981	736	7,857	745	8013	130,523
Karongi	128	1,133	19,994	125	1,125	128	1144	19096
Ngororero	99	1,064	18,671	99	1,060	101	1067	17423
Nyabihu	90	927	15,940	92	929	92	941	15817
Nyamasheke	139	1,238	21,660	139	1,326	139	1258	19245
Rubavu	86	1021	16,993	87	1,059	88	1067	18794
Rusizi	119	1,188	20,223	119	1,221	121	1227	19958
Rutsiro	93	1,016	17,704	92	1,018	92	1031	17154
Western	754	7,587	131,185	753	7,738	761	7735	127,487
Bugesera	94	1103	19,232	99	1,143	102	1197	19662
Gatsibo	95	1,293	22,695	91	1,320	104	1364	20451
Kayonza	96	1125	18,187	90	1,061	89	1053	15192
Kirehe	63	1018	17,419	64	1,047	65	1065	17221
Ngoma	76	914	15,259	77	933	76	964	15400
Nyagatare	149	1,578	25,574	158	1,538	154	1596	24398
Rwamagana	73	914	14,067	77	954	74	995	14033
Eastern	646	7,945	132,433	656	7,996	664	8234	126,357
Burera	91	1,123	18,386	91	1,123	93	1162	15226
Gakenke	118	1027	18,221	118	1,053	118	1061	17526
Gicumbi	104	1,198	22,070	104	1,200	104	1195	21286
Musanze	95	1,187	23,581	96	1,209	95	1238	21933
Rulindo	84	846	16,284	88	856	90	890	15796
Northern	492	5,381	98,542	497	5,441	500	5546	91,767
Gasabo	110	1,343	22,884	110	1,264	114	1410	23865
Kicukiro	75	796	14,647	81	844	82	867	15766

District	2016			2017		2018		
	Schools	Classrooms	Desks	Schools	Classrooms	Schools	Classrooms	Desks
Nyarugenge	42	723	12,385	44	709	43	743	13520
Kigali city	227	2862	49,916	235	2,817	239	3020	53,151
Rwanda	2,842	31,437	547,057	2,877	31,849	2,909	32,548	529,285

Source: MINEDUC

4.3 Secondary Education

Table 4.3.1: School by level

Year	2016		2017		2018	
	Number	Percentage	Number	Percentage	Number	Percentage
Primary+ Ordinary level	558	35.40%	565	36.10%	561	32.5%
Primary +Ordinary level and Advanced level	491	31.20%	491	31.30%	492	28.5%
Ordinary level only	31	2.00%	33	2.10%	54	3.1%
Advanced level only	197	12.50%	187	11.90%	313	18.1%
Ordinary level and Advanced level	298	18.90%	291	18.60%	308	17.8%
Total	1,575	100%	1,567	100%	1,728	100%

Source: MINEDUC

Table 4.3.2: School by type of ownership

Year	2016		2017		2018	
	Number	Percentage	Number	Percentage	Number	Percentage
Government	460	29.20%	461	29.40%	524	30.3%
Catholic	620	39.40%	632	40.30%	661	38.3%
Protestant	279	17.70%	288	18.40%	314	18.2%
Adventist	22	1.40%	21	1.30%	19	1.1%
Islamic	16	1.00%	15	1.00%	17	1.0%
Parents associations	106	6.70%	102	6.50%	104	6.0%
Others	72	4.60%	48	3.10%	89	5.2%
Total	1,575	100%	1,567	100%	1,728	100%

Source: MINEDUC

Table 4.3.3: Profile of secondary education from 2014 to 2018

Year	2014	2015	2016	2017	2018
Total students	565,312	543,936	553,739	592,501	658,285
Male	266,579	256,634	260,679	276,437	308,367
Female	298,733	287,302	293,060	316,064	349,918
<i>% of Male</i>	47.20%	47.20%	47.10%	46.66%	46.8%
<i>% of Female</i>	52.80%	52.80%	52.90%	53.34%	53.2%
Lower secondary students	349,692	336,442	346,783	382,661	422,093
Male	161,577	156,350	161,144	176,797	194,314
Female	188,115	180,092	185,639	205,864	227,779
Upper secondary students	215,620	207,494	206,956	209,840	236,192
Male	105,002	100,284	99,535	99,640	114,053
Female	110,618	107,210	107,421	110,200	122,139
Gross Enrolment Rate	40.70%	38.00%	37.20%	38.20%	39.60%
Male	39.30%	36.90%	35.80%	36.30%	37.50%
Female	42.10%	39.10%	38.50%	40.10%	41.70%
Net Enrolment Rate	35.70%	28.30%	32.90%	34.10%	30.10%
Male	33.60%	26.40%	31.20%	31.90%	32.10%
Female	37.70%	30.00%	34.60%	36.30%	28.20%
School staff	27,116	27,644	28,785	28,389	30,040
Male Staff	19,196	19,387	20,063	19,729	20,636
Female Staff	7,920	8,257	8,722	8,660	9,404
<i>% of Male Staff</i>	70.80%	70.10%	69.70%	69.50%	68.70%
<i>% of Female Staff</i>	29.20%	29.90%	30.30%	30.50%	31.30%
Qualified Teachers	18,593	18,764	19,923	22,565	22,966
<i>% of qualified Teachers</i>	68.60%	67.90%	69.20%	16,215	16,283
Qualified Male Teachers	13,569	13,607	14,294	6,350	6,683
<i>% of qualified Male Teachers</i>	70.70%	70.20%	71.20%	79.50%	76.50%
Qualified Female Teachers	5,024	5,157	5,629	82.20%	78.90%
<i>% of qualified Female Teachers</i>	63.40%	62.50%	64.50%	73.30%	71.10%
Students: teacher ratio	21	20	19	21	22
Students: Qualified teacher ratio	30	29	28	26	28
Schools	1,521	1,543	1,575	1567	1,728
Used Classrooms	16,296	16,408	16,797	17081	17,972
Pupil Classroom ratio	35	33	33	35	36

Source: MINEDUC

Table 4.3.4: Secondary schools, students and staff by status in 2018

Status	Schools	Students			Staff		
		Male	Female	Total	Male	Female	Total
Public	522	102,414	109,836	212,250	6,339	2,934	9,273
Government Aided	892	162,963	201,133	364,096	10,452	5,027	15,479
Private	314	42,990	38,949	81,939	3,845	1,443	5,288
Total	1,728	308,367	349,918	658,285	20,636	9,404	30,040

Source: MINEDUC

Table 4.3.5 : Secondary students enrolled by grade from 2016 to 2018

Level	2016			2017			2018		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Senior 1	62,649	72,419	135,068	71,441	84,448	155,889	84,790	99,537	184,327
Senior 2	55,265	63,529	118,794	58,353	67,779	126,132	62,972	74,531	137,503
Senior 3	43,230	49,691	92,921	47,003	53,637	100,640	46,552	53,711	100,263
Senior 4	34,342	38,365	72,707	24,925	31,521	56,446	27,162	33,680	60,842
Senior 5	32,140	34,999	67,139	21,757	26,794	48,551	23,064	28,461	51,525
Senior 6	33,053	34,057	67,110	19,566	24,153	43,719	20,242	24,195	44,437
Total	260,679	293,060	553,739	243,045	288,332	531,377	264,782	314,115	578,897

Source: MINEDUC

Table 4.3.6: Secondary school students enrolled with disability in 2018

Grade	Hearing	Visual	Speaking	Other Physical	Learning	Multiple disabilities	Total		
							Male	Female	Total
Senior 1	128	322	36	542	148	43	661	616	1,277
Senior 2	89	216	39	420	101	42	492	465	957
Senior 3	55	152	28	349	71	27	364	358	722
Senior 4	42	95	21	283	35	13	281	226	507
Senior 5	26	104	11	193	17	19	206	189	395
Senior 6	30	75	13	171	26	13	190	154	344
TVET	50	66	27	210	37	40			
Total	420	1,030	175	2,168	435	197	2,194	2,008	4,202

Source: MINEDUC

Table 4.3.7: Secondary school students enrolled with disabilities from 2016 to 2018

Level	2016			2017			2018		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Senior 1	716	696	1,412	668	707	1,375	661	616	1,277
Senior 2	719	675	1,394	483	506	989	492	465	957
Senior 3	478	488	966	430	464	894	364	358	722
Senior 4	384	325	709	261	275	536	281	226	507
Senior 5	308	244	552	201	181	382	206	189	395
Senior 6	305	227	532	210	171	381	190	154	344
Total	2,910	2,655	5,565	2,253	2,304	4,557	2,194	2,008	4,202

Source: MINEDUC

Table 4.3.8: Number of secondary schools, classrooms and desks by school status from 2016 to 2018

Year		Public	Government aided	Private	Total
2016	Schools	460	862	253	1,575
	Average students per school	376	350	313	352
	Classrooms	5,110	9,086	2,601	16,797
	Average students per classroom	34	33	30	33
	Desks	82,215	148,518	43,161	273,894
	Average Pupils per desk	2	2	2	2
2017	Schools	461	871	235	1,567
	Average students per school	405	381	314	378
	Classrooms	5,269	9,312	2,500	17,081
	Average students per classroom	35	36	30	35
	Desks	81,253	144,423	40,975	266,651
	Average Pupils per desk	2	2	2	2
2018	Schools	522	892	314	1,728
	Average students per school	403	408	250	378
	Classrooms	5,718	9,566	2,688	17,972
	Average students per classroom	37	38	29	36
	Desks	87,023	146,608	38,654	272,285
	Average Pupils per desk	2	2	2	2

Source: MINEDUC

Table 4.3.9: Trends in Lower Secondary from 2012 to 2018

Year	2012	2013	2014	2015	2016	2017	2018
Lower secondary students	352796	361,522	349,692	336,442	346,783	382661	422,093
Male	164,362	167,201	161,577	156,350	161,144	176,797	194,314
Female	188,434	194,321	188,115	180,092	185,639	205,864	227,779
<i>% of Male</i>	46.60%	46.20%	46.20%	46.50%	46.50%	46.20%	46.0%
<i>% of Female</i>	53.40%	53.80%	53.80%	53.50%	53.50%	53.80%	54.0%
Gross Enrolment Rate	49.20%	49.80%	46.60%	45.90%	42.50%	44.90%	47.7%
Boys	46.30%	46.80%	43.70%	40.50%	39.90%	41.90%	44.3%
Girls	52.00%	52.60%	49.40%	51.80%	45.00%	47.90%	51.2%
Net Enrolment Rate	21.00%	22.70%	22.80%	22.30%	22.60%	24.40%	27.2%
Boys	18.90%	20.40%	20.30%	19.90%	20.60%	21.80%	24.2%
Girls	23.10%	25.00%	25.30%	24.60%	24.60%	27.00%	30.2%
Used Classrooms	8,781	9,046	9,010	8953	9109		
Pupils Classroom ratio	40	40	39	38	38		

Source: MINEDUC

Table 4.3.10: Lower Secondary promotion, repetition and dropout rate

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Promotion rate	76.10%	73.60%	74.00%	81.9%	86.40%	86.9%
Repetition Rate	6.20%	11.60%	11.60%	11.6%	7.30%	6.00%
Dropout Rate	17.70%	14.70%	14.40%	6.5%	6.30%	7.1%

Source: MINEDUC

Table 4.3.11: Secondary Repetition, Dropout and Promotion rates by district in 2017/2018

	SECONDARY		
DISTRICTS	Repetition rate	Dropout rate	Promotion rate
Gisagara	4.6%	5.7%	89.7%
Huye	3.1%	6.2%	90.7%
Kamonyi	5.7%	4.7%	89.6%
Muhanga	2.1%	2.7%	95.2%
Nyamagabe	3.2%	6.9%	89.9%
Nyanza	2.9%	2.4%	94.7%
Nyaruguru	4.2%	7.2%	88.6%
Ruhango	2.5%	10.7%	86.8%
Karongi	5.2%	7.4%	87.4%
Ngororero	2.2%	8.4%	89.4%
Nyabihu	4.2%	4.7%	91.1%
Nyamashoke	3.3%	4.4%	92.3%
Rubavu	5.0%	4.8%	90.2%
Rusizi	4.4%	3.6%	92.0%
Rutsiro	6.6%	11.0%	82.4%
Bugesera	3.3%	2.5%	94.2%
Gatsibo	2.4%	6.4%	91.2%
Kayanza	3.7%	5.3%	91.0%
Kirehe	3.3%	9.0%	87.7%
Ngoma	5.1%	6.9%	88.0%
Nyagatare	1.9%	5.6%	92.5%
Rwamagana	3.6%	3.3%	93.1%
Burera	3.7%	7.9%	88.4%
Gakenke	4.0%	7.2%	88.8%
Gicumbi	4.1%	8.7%	87.2%
Musanze	2.8%	6.3%	90.9%
Rulindo	1.2%	8.9%	89.9%
Gasabo	3.0%	1.0%	96.0%
Kicukiro	2.0%	5.1%	92.9%
Nyarugenge	2.5%	2.5%	95.0%

Source: MINEDUC

Table 4.3.12: Lower secondary school leaving examination results from 2011 to 2018

Year	Sat for exams			Passed Exams			% passed		
	Female	Male	Total	Female	Male	Total	Female	Male	Total
2011	39,380	38,044	77,424	30,371	33,843	64,214	77.10%	89.00%	82.90%
2012	42,842	37,750	80,592	34,299	34,029	68,328	80.10%	90.10%	84.80%
2013	49,506	44,234	93,740	40,403	39,824	80,227	81.60%	90.00%	85.60%
2014	46,021	40,443	86,464	38,197	36,658	74,855	83.00%	90.60%	86.60%
2015	44,907	39,771	84,678	38,212	35,685	73,897	85.10%	89.70%	87.30%
2016	47,535	41,861	89,396	41,312	37,886	79,198	86.91%	90.50%	88.59%
2017	51,317	45,278	96,628	45,198	41,639	86,837	88.10%	92.00%	89.90%
2018	52,463	46,029	98,492	42,555	39,443	81,998	81.10%	85.70%	83.30%

Source: MINEDUC

Table 4.3.13: Trends in Upper Secondary from 2014 to 2018

School year	2014	2015	2016	2017	2018
Total Student in Upper secondary	215,620	207,494	206,956	209,840	236,192
Male	105,002	100,284	99,535	99,640	114,053
Female	110,618	107,210	107,421	110,200	122,139
%Male	48.70%	48.30%	48.10%	47.40%	48.30%
%Female	51.30%	51.70%	51.90%	52.60%	51.70%
Sciences	81,382	75,032	75,276	78,892	84,642
Male	37,612	33,714	33,733	35,031	38,022
Female	43,770	41,318	41,543	43,861	46,620
%Male	46.20%	44.90%	44.80%	44.40%	44.9%
%Female	53.80%	55.10%	55.20%	55.60%	55.1%
Humanities	28,973	28,223	28,842	30,562	31,900
Male	13,294	12,929	13,548	14,476	15,267
Female	15,679	15,294	15,294	16,086	16,633
%Male	45.90%	45.80%	47.00%	47.40%	47.9%
%Female	54.10%	54.20%	53.00%	52.60%	52.1%
Languages	30,788	28,012	27,794	29,865	31,076
Male	14,346	12,483	12,055	12,965	13,705
Female	16,442	15,529	15,739	16,900	17,371
%Male	46.60%	44.60%	43.40%	43.40%	44.1%
%Female	53.40%	55.40%	56.60%	56.60%	55.9%
Teacher education	8,364	8,771	9,461	9,397	9,186
Male	3,838	3,874	3,870	3,776	3,474
Female	4,526	4,897	5,591	5,621	5,712
%Male	45.90%	44.20%	40.90%	40.10%	37.8%
%Female	54.10%	55.80%	59.10%	59.90%	62.2%
Technical Secondary education	66,113	67,456	65,583	61,124	79,388
Male	35,912	37,284	36,329	33,392	43,585
Female	30,201	30,172	29,254	27,732	35,803
%Male	54.30%	55.30%	55.40%	54.70%	54.9%
%Female	45.70%	44.70%	44.60%	45.30%	45.1%

Source: MINEDUC

Table 4.3.14: Upper Secondary Promotion, Repetition and Dropout Rate from 2012/13 to 2017/18

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Promotion rate	92.2%	90.1%	90.1%	91.5%	94.40%	95.5%
Repetition Rate	1.7%	3.8%	4.0%	6.0%	3.10%	5.0%
Dropout Rate	6.0%	6.2%	5.9%	2.5%	2.50%	1.7%

Source: MINEDUC

Table 4.3.15: Upper secondary students enrolled in 2018 by status and by fields of education

Fields of education	Public		Government aided		Private	
	Male	Female	Male	Female	Male	Female
Sciences	13,601	14,873	20,042	27,133	4,379	4,614
Humanities	5,280	5,245	9,103	10,242	884	1,146
Languages	5,237	5,818	8,347	11,364	121	189
TTC	830	1,321	2,644	4,391	-	-
TVET level 3,4 and 5	12,849	8,714	6,595	5,575	24,141	21,514
Total	37,797	35,971	46,731	58,705	29,525	27,463

Source: MINEDUC

Table 4.3.16: Upper secondary students enrolled in 2017 and 2018 by field of education

Subject Combination	2017			2018		
	Male	Female	Total	Male	Female	Total
Sciences	35,031	43,861	78,892	38,022	46,620	84,642
Humanities	14,476	16,086	30,562	15,267	16,633	31,900
Languages	12,965	16,900	29,865	13,705	17,371	31,076
Teacher education	3,776	5,621	9,397	3,474	5,712	9,186
Technical Secondary education	33,392	27,732	61,124	43,585	35,803	79,388
Total	99,640	110,200	209,840	114,053	122,139	236,192

Source: MINEDUC

Table 4.3.17: Upper secondary school leaving examination results from 2015 to 2018

Year	Sat for exams			Passed Exams			% passed		
	Female	Male	Total	Female	Male	Total	Female	Male	Total
2015	35,662	35,533	71,195	32,867	30,345	63,212	92%	85.00%	89.00%
2016	34,529	33,297	67,826	30,186	30,787	60,973	87.40%	92.50%	89.90%
2017	34,163	31,700	66,250	29,906	29,294	59,200	87.50%	92.40%	89.40%
2018	35,783	32,942	68,725	30,939	30,819	61,758	86.46%	93.56%	89.86%

Source: MINEDUC

Table 4.3.18: Secondary schools' classrooms desks by district from 2016 to 2018

Districts	2016	2017	2018
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	Schools	Classrooms	Schools	Classrooms	Schools	Classrooms
Gisagara	39	456	39	454	43	492
Huye	51	572	50	575	56	621
Kamonyi	55	542	56	571	59	585
Muhanga	61	685	60	698	68	754
Nyamagabe	51	601	53	617	58	653
Nyanza	48	513	48	518	59	600
Nyaruguru	46	458	46	469	50	485
Ruhango	54	623	52	594	59	623
South	405	4,450	404	4,496	452	4,813
Karongi	60	573	59	598	64	603
Ngororero	49	458	49	462	53	488
Nyabihu	45	519	44	505	44	503
Nyamashuke	58	633	57	634	64	675
Rubavu	54	625	54	628	64	653
Rusizi	62	635	62	646	69	707
Rutsiro	48	465	48	482	53	517
West	376	3,908	373	3,955	411	4,146
Bugesera	43	523	43	538	50	579
Gatsibo	55	668	59	685	66	728
Kayanza	46	520	47	540	52	574
Kirehe	52	456	51	460	54	535
Ngoma	55	523	55	531	60	556
Nyagatare	54	588	53	633	58	643
Rwamagana	55	517	56	543	65	591
East	360	3,795	364	3,930	405	4,206
Burera	44	517	44	548	45	547
Gakenke	57	580	56	576	59	592
Gicumbi	77	736	76	741	83	774
Musanze	54	608	54	622	57	676
Rulindo	67	582	66	578	73	605
North	299	3,023	296	3,065	317	3,194
Gasabo	60	631	54	630	63	633
Kicukiro	41	570	42	580	45	532
Nyarugenge	34	420	34	425	35	448
Kigali City	135	1,621	130	1,635	143	1,613
Rwanda	1,575	16,797	1,567	17,081	1,728	17,972

Source: MINEDUC

4.4 TVET and tertiary education

Table 4.4.1: Trend in TVET from 2015 to 2018

Year	2015	2016	2017	2018
TVET Providers(SUM)	383	394	402	360
Vocational Training Centers	186	179	193	
Technical Secondary Schools	184	199	192	350
Polytechnics	13	16	17	10
Students	94,373	93,158	107,501	102,485
Male	54,912	54,199	65,327	57,643
Female	39,461	38,959	42,174	44,842
<i>% of Male</i>	<i>58.20%</i>	<i>58.20%</i>	<i>60.80%</i>	<i>56.20%</i>
<i>% of Female</i>	<i>41.80%</i>	<i>41.80%</i>	<i>39.20%</i>	<i>43.80%</i>
Vocational Training Centers	21,566	18,585		
Male	12,265	10,948		
Female	9,301	7,637		
Technical Secondary Schools	66,113	65,583	79,595	79,388
Male	35,912	36,329	43,500	43,585
Female	30,201	29,254	36,095	35,803
Polytechnics	5,980	8,990	10,420	13,447
Male	4,604	6,922	7,881	9,661
Female	1,376	2,068	2,539	3,786
Trainers	4,721	5,003	6,929	6,607
Male	3,734	3,923	5,028	4,856
Female	987	1,080	1,901	1,751
<i>% of Male</i>	<i>79.10%</i>	<i>78.40%</i>	<i>72.60%</i>	<i>73.50%</i>
<i>% of Female</i>	<i>20.90%</i>	<i>21.60%</i>	<i>27.40%</i>	<i>26.50%</i>
Vocational Training Centers	1,367	2,020		
Male	964	1,390		
Female	403	630		
Technical Secondary Schools	2,669	2,757	5,854	5,165
Male	2,168	2,285	4,164	3,684
Female	501	512	1,690	1,481
Polytechnics	685	680	1,075	1,442
Male	602	591	864	1,172
Female	83	89	211	270

Source: MINEDU

Table 4.4.2: Profile in VTCs from 2015 to 2018

Year	2015	2016	2017	2018
Total number of Trainees	94,373	93,158	107,501	102,485
Male	54,912	54,199	65,327	57,643
Female	39,461	38,959	42,174	44,842
<i>% Males</i>	58.20%	58.20%	60.80%	56.20%
<i>% Females</i>	41.80%	41.80%	39.20%	43.80%
Total number of staff	4,721	5,003	6,929	6,607
Male	3734	3,923	5,028	4,856
Female	987	1080	1,901	1,751
<i>% Male</i>	79.10%	78.40%	72.60%	73.50%
<i>% Female</i>	20.90%	21.60%	27.40%	26.50%
Teaching staff (Trainer)			4,807	4767
Male			3760	3773
Female			1047	994
<i>% Male</i>			78.2%	79.1%
<i>% Female</i>			21.8%	20.9%
Administrative staff			2122	1,840
Male			1268	1083
Female			854	757
<i>% Male</i>			59.8%	58.9%
<i>% Female</i>			40.2%	41.1%

Source: MINEDUC

Table 4.4.3: Percentage of VTC (TVET LEVEL 1 TO 5) Students by Sex and by Trade in 2018

Trades	Number of Trainees			Percentage by sex		Percentage by Trade		
	Male	Female	Total	Male	Female	Male	Female	Total
Moto Vehicle Engine Mechanics/Automobile Engine Technology	6,001	510	6,511	92%	8%	18.48%	2.57%	12.45%
Masonry	11,990	2303	14,293	84%	16%	20.35%	5.89%	14.58%
Culinary arts	972	2,662	3,634	27%	73%	2.07%	7.23%	4.34%
Dressmaking/TAILORING	659	3,946	4,605	14%	86%	1.43%	11.55%	5.75%
Carpentry	1,195	211	1,406	85%	15%	2.64%	0.70%	1.86%
Welding	862	86	948	91%	9%	1.95%	0.29%	1.28%
Hairdressing- Aesthetics	222	767	989	22%	78%	0.51%	2.56%	1.35%
Food processing	168	416	584	29%	71%	0.39%	1.43%	0.81%
Domestic Electricity	2689	752	3441	78%	22%	6.27%	2.62%	4.81%
Plumbing	436	154	590	74%	26%	1.09%	0.55%	0.87%
Food and Beverage	31	142	173	18%	82%	0.08%	0.51%	0.26%
Knitting	41	43	84	49%	51%	0.10%	0.16%	0.12%
Leather Craft	35	82	117	30%	70%	0.09%	0.30%	0.17%
Painting	33	79	112	29%	71%	0.08%	0.29%	0.17%
House Keeping	13	2	15	87%	13%	0.03%	0.01%	0.02%
Crop production	602	859	1461	41%	59%	1.52%	3.13%	2.18%
Film making	160	93	253	63%	37%	0.41%	0.35%	0.39%
ICT	5042	4547	9589	53%	47%	12.99%	17.14%	14.67%
Veterinary (Technicians)/ Animal health	917	1215	2132	43%	57%	2.71%	5.53%	3.82%
Beauty Therapy/Beauty and aesthetics	222	767	989	22%	78%	0.68%	3.69%	1.84%
Forestry (For technicians)	175	179	354	49%	51%	0.54%	0.90%	0.67%

Trades	Number of Trainees			Percentage by sex		Percentage by Trade		
	Male	Female	Total	Male	Female	Male	Female	Total
Total	32,465	19,815	52,280	62%	38%	100.00%	100.00%	100.00%

Source: MINEDUC

Table 4.4.4: Number of trainees enrolled in TVET by type of disability in 2018

Level	Type of disability						Total
	Hearing	Visual	Speaking	Physical	Learning	Multiple disabilities	
Level 1	17	30	15	73	9	16	160
Level 2	2	0	0	2	0	0	4
Level 3	16	13	7	54	5	5	100
Level 4	7	8	3	40	1	1	60
Level 5	8	15	2	41	22	18	106
Level 6	0	0	0	0	0	0	0
Level 7	1	0	0	5	0	0	6
Total	51	66	27	215	37	40	436

Source: MINEDUC

Table 4.4.5: TVET graduate by levels from 2015 to 2017

Indicator/ school year	2015	2016	2017
Total TVET graduate	43,474	40,694	41,889
Male	26,092	23,847	24,960
Female	17,382	16,847	16,929
% of Male	60.00%	58.60%	59.60%
% of Female	40.00%	41.40%	40.40%
Total graduate in TVET Level 1 and 2	20,480	17,351	19,474
Male	12,680	10,277	11,974
Female	7,800	7,074	7,500
% of Male	61.90%	59.20%	61.50%
% of Female	38.10%	40.80%	38.50%
Total students passed national examination TVET level 5	20,257	21,284	19,720
Male	11,118	12,027	10,973
Female	9,139	9,257	8,747
% of Male	54.90%	56.50%	55.60%
% of Female	45.10%	43.50%	44.40%
Academic year	2014/15	2015/16	2016/17
Total graduate in TVET Level 6 and 7	2,737	2,059	2,695
Male	2,294	1,543	2,013
Female	443	516	682
% of Male	83.80%	74.90%	74.70%
% of Female	16.20%	25.10%	25.30%

Source: MINEDUC

Table 4.4.6: Profile of tertiary education students from 2015/2016 to 2017/2018

STATUS	Gender	2015/2016	2016/2017	2017/2018
Public	Male	27,451	25,518	26,247
	Female	11,757	13,077	12,091
	% Male	70.0%	66.1%	68.5%
	% Female	30.0%	33.9%	31.5%
Sub-Total		39,208	38,595	38,338
Private	Male	24,846	24,390	24,872
	Female	26,749	28,208	25,950
	% Male	48.2%	46.4%	48.9%
	% Female	51.8%	53.6%	51.1%
Sub-Total		51,595	52,598	50,822
Public and Private	Male	52,297	49,908	51,119
	Female	38,506	41,285	38,041
	% Male	57.6%	54.7%	57.3%
	% Female	42.4%	45.3%	42.7%
General Total		90,803	91,193	89,160
Students per 100,000 inhabitants	Male	937	872	872
	Female	647	678	611
	TOTAL	787	772	737

Source: MINEDUC

Table 4.4.7: Students enrolment in tertiary education from 2015 to 2018

Tertiary Education	2015	2016	2017	2018
Higher Learning Institutions				
Degree Offering Institutions	79,006	81,813	80,773	75,713
Diploma Offering Institutions	1,329			
Sub Total	80,335	81,813	80,773	75,713
TVET				
Diploma Offering Institutions	5,980	8,990	10,420	13,447
General total	86,315	90,803	91,193	89,160

Source: MINEDUC

Table 4.4.8: Tertiary graduates by exit award in 2015/2016 and 2016/2017

Exit awards	2015/2016			2016/2017		
	Male	Female	Total	Male	Female	Total
Certificate	41	52	93	183	162	345
Diploma	639	484	1,123	1,119	1,127	2,246
Advanced Diploma	1,793	978	2,771	1,782	576	2,358
Bachelor's degree	9,047	8,725	17,772	8,362	7,755	16,117
Post-graduate Certificate	111	44	155	23	15	38
Post-graduate Diploma	536	262	798	426	226	652
Master's	605	316	921	820	518	1,338
PhD	2	-	2	3	3	6
TOTAL	12,774	10,861	23,635	12,718	10,382	23,100

Source: MINEDUC

Table 4.4.9: Tertiary Students by Fields of Education 2017/2018

Field of education	Number of Students			Percentage by Sex		Percentage by Field of Education		
	Male	Female	Total	Male	Female	Male	Female	Total
Education	5,513	3,425	8,938	61.68%	38.32%	10.78%	9.00%	10.02%
Humanities & Arts	924	609	1,533	60.27%	39.73%	1.81%	1.60%	1.72%
Social Sciences, journalism and information	2,861	2,140	5,001	57.21%	42.79%	5.60%	5.63%	5.61%
Business, Administration and Law	13,361	16,047	29,408	45.43%	54.57%	26.14%	42.18%	32.98%
Natural Sciences, Mathematics and Statistics	2,020	964	2,984	67.69%	32.31%	3.95%	2.53%	3.35%
Information and Communication Technologies	4,930	2,610	7,540	65.38%	34.62%	9.64%	6.86%	8.46%
Engineering, Manufacturing and construction	11,391	2,850	14,241	79.99%	20.01%	22.28%	7.49%	15.97%
Agriculture, Forestry, fisheries and veterinary	1,725	851	2,576	66.96%	33.04%	3.37%	2.24%	2.89%
Health and Welfare	4,442	3,809	8,251	53.84%	46.16%	8.69%	10.01%	9.25%
Services	3,952	4,736	8,688	45.49%	54.51%	7.73%	12.45%	9.74%
Total	51,119	38,041	89,160	57.3%	42.6%	100.0%	100.0%	100.0%

Source: MINEDUC

Table 4.4.10: Tertiary education students with disability in 2016/2017 and 2017/2018

Type of disability	2016/17			2017/18		
	Male	Female	Total	Male	Female	Total
Hearing	8	11	19	11	7	18
Visual	14	12	26	8	6	14
Speaking	9	2	11	2	1	3
Hearing and Speaking	0	0	0	1	2	3
Physical	52	32	84	75	59	134
Learning	3	0	3	0	0	0
Multiple disabilities	4	7	11	1	0	1
Total	90	64	154	98	75	173

Source: MINEDUC

Table 4.4.11: Number of academic staff by Qualification and Nationality 2018

Qualification	HEIs						
	Rwandans		Foreigners		TOTAL		
	M	F	M	F	M	F	M+F
PhDs	495	53	176	40	671	93	764
Masters	1,353	340	136	60	1,489	400	1,889
Bachelors	240	122	25	16	265	138	403
Others (specify)	1	0	2	1	3	1	4
Total	2,089	515	339	117	2,428	632	3,060

Qualification	TVET						
	Rwandans		Foreigners		TOTAL		
	M	F	M	F	M	F	M+F
PhDs	12	0	0	0	12	0	12
Masters	169	28	12	6	181	34	215
Bachelors	466	65	11	6	477	71	548
Others (specify)	220	25	6	0	226	25	251
Total	867	118	29	12	896	130	1,026

Qualification	TOTAL (TVET AND HEIs)						
	Rwandans		Foreigners		TOTAL		
	M	F	M	F	M	F	M+F
PhDs	507	53	176	40	683	93	776
Masters	1,522	368	148	66	1,670	434	2,104
Bachelors	706	187	36	22	742	209	951
Others (specify)	221	25	8	1	229	26	255
Total	2,956	633	368	129	3,324	762	4,086

Source: MINEDUC

Table 4.4.12: VTC classrooms desks by District 2015, 2016 and 2018 (TVET level 1 to 5)

Districts	2015			2016			2018		
	Centers	Classrooms	Desks	Centers	Classrooms	Desks	Centers	Classrooms	Desks
Gisagara	5	30	429	5	32	439	7	57	795
Huye	11	73	536	9	46	362	11	88	735
Kamonyi	4	15	195	4	15	120	7	52	576
Muhanga	7	42	250	7	25	301	19	176	3260
Nyamagabe	8	34	545	7	32	409	8	53	1016
Nyanza	5	25	304	6	29	323	13	147	1971
Nyaruguru	2	12	92	2	12	120	5	40	681
Ruhango	11	63	1,077	13	72	954	17	174	3171
South	53	294	3,428	53	263	3,028	87	787	12,205
Karongi	6	21	140	7	52	652	13	88	1285
Ngororero	7	37	565	6	32	420	9	76	1455
Nyabihu	6	19	334	6	18	259	8	75	962
Nyamasheke	5	22	322	5	22	352	9	53	644
Rubavu	11	36	499	10	45	480	19	125	2166
Rusizi	6	28	331	7	29	293	14	106	1278
Rutsiro	2	5	80	2	8	160	6	48	801
West	43	168	2,271	43	206	2,616	78	571	8,591
Bugesera	7	25	257	5	21	300	9	80	750
Gatsibo	6	37	317	5	31	267	14	122	1052
Kayonza	3	28	374	3	29	439	7	62	818
Kirehe	2	11	193	2	10	90	6	60	819
Ngoma	7	32	534	7	30	336	11	84	1318
Nyagatare	2	13	58	2	9	120	7	55	1040
Rwamagana	8	31	567	9	47	480	13	100	1103
East	35	177	2,300	33	177	2,032	67	563	6,900
Burera	2	9	350	1	3	90	5	58	985
Gakenke	5	24	334	4	8	76	11	76	1079
Gicumbi	8	30	567	5	25	500	15	91	1515
Musanze	4	31	304	8	39	407	12	117	1899
Rulindo	5	18	337	5	18	405	14	104	1478
North	24	112	1,892	23	93	1,478	57	446	6,956
Gasabo	9	48	822	6	33	709	24	122	1790
Kicukiro	15	65	980	17	54	1,200	25	239	1,732
Nyarugenge	4	21	219	4	60	1,400	12	118	1,752
Kigali city	28	134	2,021	27	147	3,309	61	479	5,274
Rwanda	183	885	11,912	179	886	12,463	350	2846	39,926

Source: MINEDUC

CHAPTER V: ENVIRONMENT

5.1 Environment and Climate Change

Table 5.1.1: Climate change projection

Year	2010	2011	2012	2013	2014
Climate change					
CO2 emissions per capita	0.84	0.89	0.94	0.99	0.99
Annual average temperature	20.51	20.55	19.84	20.63	20.63
Total Average Rainfall (mm)	1,288.68	1,334.89	1,230.73	1,202.17	1,202.17

Source: REMA and MININFRA

Table 5.1.2: Integrated Water Resources Management

2012			
No	Items	Status	Potentials
1	Surface Water	101 lakes covering an area of 149.48 ha,	7-6 Billion m3/ year
		861 rivers of a total length of 6,462 km.	
2	Ground Water	-	5-4.5 Billion m3/year
3	Rainfall Water	-	28-25 Billions m3/year
4	Water yield/person	-	1,135 - 193 m3/person/year
5	Water storage/person	-	7-5 m3/person
2013			
No	Items	Status	Potentials
1	Surface Water	101 lakes covering an area of 149.48 ha	6.826 billion of m3
		861 rivers of a total length of 6,462 km	
2	Ground Water	-	4.554 billion m3
3	Rainfall Water	-	27.505 billion m3
4	Water yield/person	-	670 m3/per year per person
5	Water storage/person	-	447m3/year/person
2014			
No	Items	Status	Potentials
1	Surface Water	101 lakes covering an area of 149.48 ha	6.826 billions of m3
		861 rivers of a total length of 6,462 km	
2	Ground Water	-	4.554 billion m3
3	Rainfall Water	-	27.505 billion m3
4	Water yield/person	-	670 m3/per year per person
5	Water storage/person	-	447m3/year/person
2015			
No	Items	Status	Potentials
1	Rainfall	27.5 BCM/annum	-
2	Ground water recharge	4.5 BCM/annum	-
3	Total renewable water resources	6.8 BCM/annum	-
4	Renewable water availability per capita	670 m3/annum	-
5	Artificial water storage per capita	2.5 m3	-

Source: RNRA/ Integrated Water Resources Management Department

5.2 Land

Table 5.2.1: Land ownership by district and by gender from 2017 to 2018

District name	2017				2018			
	Female	Male	Co- owned	other	Female	Male	Co-owned	Others
Bugesera	48,898	33,639	133,337	5,733	50,086	35,994	7,954	7,954
Burera	102,132	33,673	353,933	7,938	102,038	33,985	9,570	9,570
Gakenke	105,350	46,095	320,800	32,848	105,388	46,160	39,401	39,401
Gasabo	45,803	32,879	119,108	6,308	46,273	34,067	9,794	9,794
Gatsibo	64,854	34,342	197,071	16,247	64,872	34,641	20,406	20,406
Gicumbi	102,971	50,990	330,842	22,076	102,973	51,187	33,161	33,161
Gisagara	71,293	65,411	118,103	43,203	71,359	65,521	43,029	43,029
Huye	78,059	57,408	107,195	48,142	78,001	57,851	48,292	48,292
Kamonyi	76,053	47,057	186,032	33,833	76,189	47,785	31,670	31,670
Karongi	91,059	49,526	220,292	16,048	90,995	49,590	21,955	21,955
Kayonza	52,390	32,109	136,105	6,171	52,472	32,696	8,216	8,216
Kicukiro	16,265	14,563	48,674	4,306	16,456	15,385	8,544	8,544
Kirehe	47,764	29,488	138,789	6,582	47,804	29,658	8,229	8,229
Muhanga	74,460	37,816	203,207	35,675	74,532	38,050	40,883	40,883
Musanze	109,150	48,162	262,979	6,595	108,885	48,772	10,329	10,329
Ngoma	60,906	34,625	149,025	4,048	60,844	34,935	4,152	4,152
Ngororero	117,664	48,371	280,452	26,452	117,546	48,438	29,496	29,496
Nyabihu	103,006	48,641	214,250	9,471	102,847	48,783	11,629	11,629
Nyagatare	43,516	26,747	133,146	13,259	43,629	27,102	15,377	15,377
Nyamagabe	79,919	60,804	231,410	26,407	79,870	61,010	34,159	34,159
Nyamasheke	79,883	38,153	252,099	23,730	79,769	38,219	26,351	26,351
Nyanza	67,377	55,502	106,513	18,763	67,398	55,765	18,903	18,903
Nyarugenge	16,099	11,998	34,202	3,085	16,094	12,249	4,155	4,155
Nyaruguru	73,335	74,249	179,050	53,492	73,288	74,377	66,089	66,089
Rubavu	91,178	50,236	188,347	6,387	91,018	50,731	7,594	7,594
Ruhango	72,334	47,076	150,954	46,347	72,369	47,340	55,700	55,700
Rulindo	82,057	39,781	212,316	24,805	82,155	40,017	35,919	35,919
Rusizi	67,877	41,147	194,734	22,529	67,838	41,323	22,946	22,946
Rutsiro	93,681	45,470	279,248	15,585	93,661	45,624	15,749	15,749
Rwamagana	57,648	34,567	123,153	13,524	58,123	35,998	17,661	17,661

Source: RLMUA

Table 5.2.2: Land transfers by district

Districts	2015	2016	2017	2018
Bugesera	1,608	2,644	4,735	7,040
Burera	308	700	1,632	2,201
Gakenke	290	447	2,718	1,030
Gasabo	5,589	6,695	8,303	9,045
Gatsibo	267	594	1,125	1,526
Gicumbi	468	649	1,116	1,231
Gisagara	168	291	1,914	520
Huye	1,053	1,234	3,992	1,771
Kamonyi	1,209	2,618	14,932	4,334
Karongi	14,436	533	1,186	1,169
Kayonza	583	1,531	1,544	1,982
Kicukiro	5,292	6,101	6,028	5,835
Kirehe	235	532	1,049	1,329
Muhanga	455	782	3,190	1,730
Musanze	1,661	3,403	4,035	5,409
Ngoma	286	656	982	1,594
Ngororero	15,810	325	864	987
Nyabihu	15,182	684	1,713	2,539
Nyagatare	671	946	2,154	2,568
Nyamagabe	1,112	682	3,627	1,231
Nyamasheke	20,062	595	1,702	1,771
Nyanza	607	638	22,888	952
Nyarugenge	1,318	2,221	2,410	2,592
Nyaruguru	781	434	3,006	682
Rubavu	2,989	4,621	3,002	3,151
Ruhango	331	333	4,853	1,157
Rulindo	262	686	1,104	1,265
Rusizi	30,566	791	1,457	1,527
Rutsiro	44,278	284	827	1,453
Rwamagana	1,461	2,628	3,642	5,788

Source: RLMUA

Table 5.2.3: Land transactions by district

District	2016	2017	2018
Bugesera	13,324	16,885	26,585
Burera	4,128	6,109	9,646
Gakenke	7,469	5,293	21,285
Gasabo	20,354	22,750	26,071
Gatsibo	3,076	4,549	12,022
Gicumbi	3,878	3,976	26,336
Gisagara	1,451	3,576	3,005
Huye	4,581	4,736	7,157
Kamonyi	7,483	10,186	12,418
Karongi	3,255	6,617	13,116
Kayonza	5,001	5,619	8,942
Kicukiro	14,909	17,124	21,090
Kirehe	4,019	7,699	6,282
Muhanga	3,221	6,972	18,822
Musanze	11,177	15,719	22,261
Ngoma	2,942	5,173	4,263
Ngororero	1,860	7,449	8,073
Nyabihu	4,052	10,188	8,736
Nyagatare	5,348	5,525	9,950
Nyamagabe	2,201	4,159	19,317
Nyamasheke	3,379	8,967	10,806
Nyanza	2,651	3,020	5,101
Nyarugenge	5,145	6,415	7,361
Nyaruguru	4,769	2,306	35,150
Rubavu	10,243	11,058	9,526
Ruhango	3,407	3,937	32,314
Rulindo	2,493	5,820	25,134
Rusizi	6,222	6,229	5,832
Rutsiro	2,224	4,752	4,277
Rwamagana	8,741	13,229	24,323

Source: RLMUA

5.3 Geology and Mines Department

Table 5.3.1: Volume of Mineral Exports in kg by quarter from 2015 to 2018

Year		Nature of Products				
		Cassiterite	Coltan	Wolfram	Other minerals	Sub Total
2015	Q1	1,111,499	355,756	369,773	352,907	2,189,935
	Q2	918,858	408,772	625,033	368,350	2,321,013
	Q3	912,992	383,967	378,632	3,000,901	4,676,492
	Q4	902,309	503,217	410,965	2,986,103	4,802,594
	Total	3,845,658	1,651,712	1,784,403	6,708,261	13,990,034
2016	Q1	791,169	261,691	390,744	486,343	1,929,947
	Q2	886,166	336,321	464,995	1,782,894	3,470,376
	Q3	882,567	355,006	446,160	3,033,522	4,717,255
	Q4	989,994	316,922	414,063	1,269,658	2,990,637
	Total	3,549,896	1,269,940	1,715,962	6,572,417	13,108,215
2017	Q1	1,129,034	303,409	328,130	937,592	2,698,165
	Q2	1,112,862	352,154	344,798	1,479,000	3,288,814
	Q3	1,276,818	450,333	391,723	2,474,484	4,593,358
	Q4	1,240,907	616,806	480,302	2,060,782	4,398,797
	Total	4,759,621	1,722,702	1,544,953	6,951,858	14,979,134
2018	Q1	1,115,841	369,155	470,787	442,161	2,397,944
	Q2	1,379,098	435,268	393,735	290,548	2,498,649
	Q3	1,165,192	404,309	548,800	400,151	2,518,452
	Q4	1,068,447	433,125	530,338	197,392	2,229,302
	Total	4,728,578	1,641,857	1,943,660	1,330,252	9,644,347

Source: RMB

Table 5.3.2: Value of minerals in USD

MINERALS	2012	2013	2014	2015	2016	2017
Cassiterite	52,896,906	61,074,480	71,945,617	34,263,244	34,807,904	50,154,998
Coltan	56,911,604	134,571,614	104,780,331	66,200,323	39,742,507	62,209,186
Wolfram	26,262,461	30,053,783	26,592,318	17,343,125	11,873,683	12,604,563
Other minerals	274,239	489,438	8,043,448	31,275,751	80,057,528	248,492,668
Re-exports	-	-	-	-	-	-
TOTAL	136,345,210	226,189,315	211,361,714	149,082,443	166,481,621	373,461,416

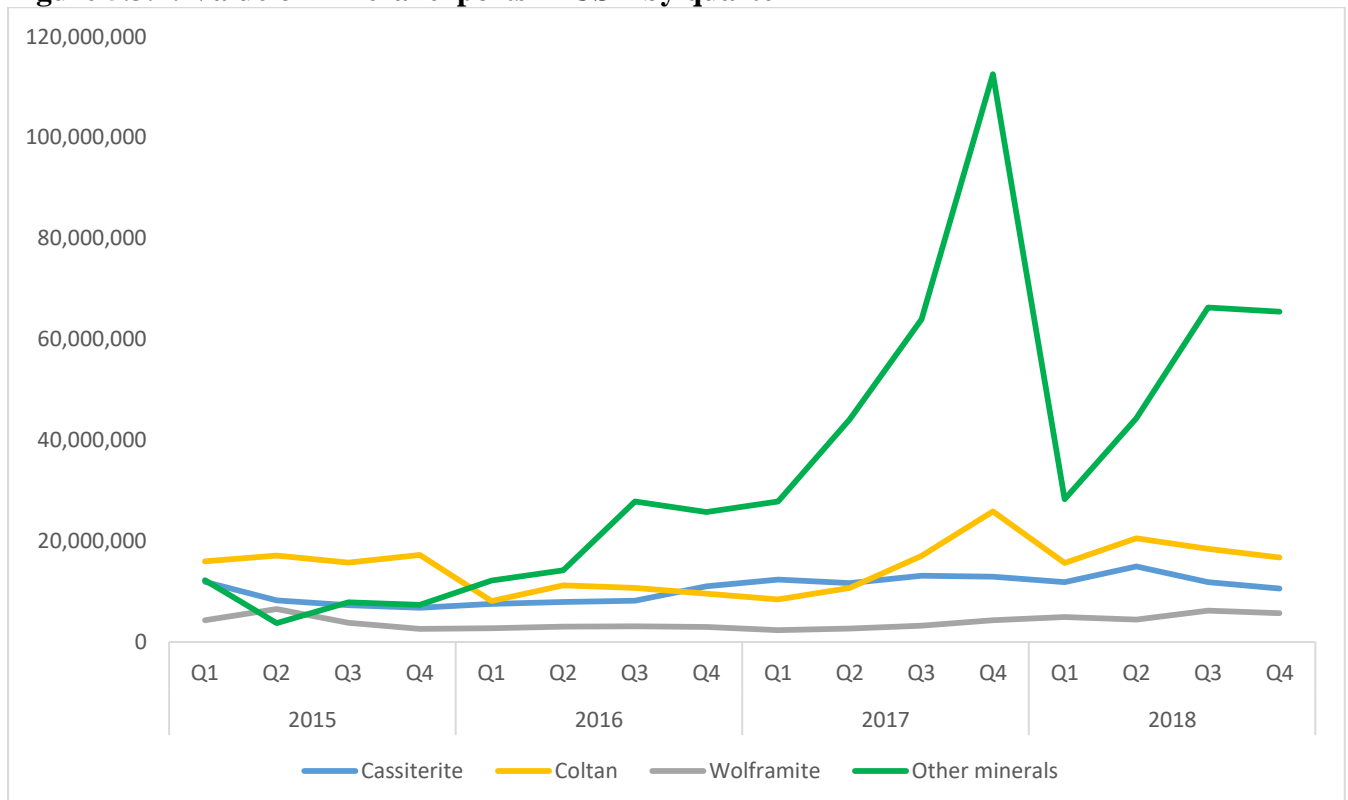
Source: NISR with raw data from RRA

Table 5.3.3: Value of mineral exports in USD by quarter from 2015 to 2018

YEAR	Quarter	Cassiterite	Coltan	Wolframite	Other minerals	General Total
2015	Q1	11,919,273	16,000,025	4,350,871	12,234,578	44,504,747
	Q2	8,266,317	17,163,153	6,538,055	3,738,732	35,706,257
	Q3	7,286,849	15,758,782	3,839,722	7,906,267	34,791,620
	Q4	6,790,805	17,278,363	2,614,477	7,396,174	34,079,819
	TOTAL	34,263,244	66,200,323	17,343,125	31,275,751	149,082,443
2016	Q1	7,569,618	8,138,263	2,725,672	12,202,728	30,636,281
	Q2	7,970,237	11,261,749	3,060,869	14,242,136	36,534,991
	Q3	8,194,782	10,740,862	3,134,421	27,865,045	49,935,110
	Q4	11,073,267	9,601,635	2,983,148	25,747,615	49,405,665
	TOTAL	34,807,904	39,742,509	11,904,110	80,057,524	166,512,047
2017	Q1	12,404,606	8,433,552	2,370,118	27,850,676	51,058,952
	Q2	11,669,773	10,700,210	2,666,849	44,152,084	69,188,916
	Q3	13,147,585	17,098,320	3,262,427	63,988,051	97,496,383
	Q4	12,933,036	25,892,927	4,305,170	112,577,825	155,708,958
	TOTAL	50,155,000	62,125,009	12,604,564	248,568,636	373,453,209
2018	Q1	11,885,457	15,677,981	4,970,786	28,299,325	60,833,549
	Q2	14,957,681	20,558,668	4,431,808	44,376,277	84,324,434
	Q3	11,892,989	18,496,524	6,215,330	66,328,701	102,933,544
	Q4	10,614,122	16,728,656	5,734,509	65,478,081	98,555,368
	TOTAL	49,350,249	71,461,829	21,352,433	204,482,384	346,646,895

Source: RMB

Figure 5.3.1: Value of mineral exports in USD by quarter



5.4 Forestry

Table 5.4.1: Natural forest coverage (area in ha)

Year	2013	2014	2015	2016	2017
Natural forest coverage (area in ha)	283,128	283,128	283,128	283,128	283,128
Percentage to the total National area (%)	11.9	11.9	11.9	11.9	11.9

Source: Rwanda Water and Forestry Authority

Table 5.4.2: Forest plantation (Area in ha)

Year	2013	2014	2015	2016	2017
Forest plantation (Area in ha)	390,507	404,047	413,274	421,569	426,633
Percentage to the total National area (%)	16	17	17.4	17.7	17.9

Source: Rwanda Water and Forestry Authority

5.5 Disasters

Table 5.5.1: Number of death attributed to disasters 2017-2018

District	Event	Deaths
Bugesera	Lightning	1
Bugesera	Rainstorms	2
Burera	Floods	2
Burera	Lightning	4
Burera	Rainstorms	3
Gakenke	Floods	1
Gakenke	Lightning	2
Gakenke	Rainstorms	2
Gasabo	Landslides	9
Gasabo	Rainstorms	10
Gatsibo	Landslides	3
Gicumbi	Floods	1
Gicumbi	Landslides	1
Gicumbi	Lightning	5
Gicumbi	Rainstorms	1
Gisagara	Floods	1
Gisagara	Lightning	2
Gisagara	Rainstorms	4
Huye	Lightning	2
Huye	Rainstorms	2
Kamonyi	Floods	1
Kamonyi	Mine Disaster	1
Kamonyi	Rainstorms	14
Karongi	Floods	2
Karongi	Landslides	20
Karongi	Lightning	4

District	Event	Deaths
Karongi	Rainstorms	5
Kayonza	Lightning	1
Kayonza	Rainstorms	1
Kicukiro	Rainstorms	8
Kirehe	Floods	3
Muhanga	Lightning	1
Muhanga	Mine Disaster	8
Muhanga	Rainstorms	2
Musanze	Rainstorms	1
Ngoma	Floods	1
Ngoma	Lightning	1
Ngoma	Rainstorms	6
Ngororero	Landslides	23
Ngororero	Lightning	1
Nyabihu	Floods	1
Nyabihu	Landslides	5
Nyabihu	Lightning	4
Nyagatare	Floods	2
Nyagatare	Lightning	2
Nyagatare	Rainstorms	12
Nyamagabe	Floods	1
Nyamagabe	Landslides	1
Nyamagabe	Lightning	1
Nyamagabe	Rainstorms	2
Nyamasheke	Fire	1
Nyamasheke	Landslides	2
Nyamasheke	Lightning	3
Nyamasheke	Rainstorms	2
Nyanza	Lightning	1
Nyarugenge	Rainstorms	7
Nyaruguru	Floods	1
Nyaruguru	Landslides	2
Nyaruguru	Lightning	17
Rubavu	Floods	2
Rubavu	Lightning	2
Rubavu	Mine Disaster	1
Rubavu	Rainstorms	2
Ruhango	Floods	2
Ruhango	Mine Disaster	1
Ruhango	Rainstorms	1
Rulindo	Landslides	11
Rulindo	Lightning	1
Rulindo	Rainstorms	5
Rusizi	Fire	1

District	Event	Deaths
Rusizi	Lightning	3
Rutsiro	Floods	2
Rutsiro	Landslides	6
Rutsiro	Lightning	2
Rutsiro	Mine Disaster	2
TOTAL		273

Source: MINEMA

Table 5.5.2: Number of houses damaged (Household affected by disasters) 2017-2018

District	Event	Houses Damaged
Bugesera	Lightning	1
Bugesera	Rainstorms	1239
Bugesera	Windstorm	3
Burera	Floods	208
Burera	Landslides	1
Burera	Rainstorms	208
Gakenke	Floods	1
Gakenke	Landslides	1
Gakenke	Rainstorms	136
Gasabo	Landslides	4
Gasabo	Rainstorms	958
Gatsibo	Landslides	1
Gatsibo	Rainstorms	228
Gicumbi	Hailstorm	1
Gicumbi	Landslides	56
Gicumbi	Lightning	4
Gicumbi	Rainstorms	173
Gisagara	Rainstorms	333
Huye	Hailstorm	5
Huye	Rainstorms	635
Kamonyi	Landslides	95
Kamonyi	Rainstorms	2574
Karongi	Fire	1
Karongi	Landslides	141
Karongi	Rainstorms	576
Kayonza	Fire	2
Kayonza	Rainstorms	299
Kayonza	Windstorm	1
Kicukiro	Fire	3
Kicukiro	Landslides	1
Kicukiro	Rainstorms	53
Kirehe	Fire	1
Kirehe	Rainstorms	944
Kirehe	Windstorm	9
Muhanga	Landslides	22
Muhanga	Rainstorms	248
Musanze	Fire	2

District	Event	Houses Damaged
Musanze	Floods	271
Musanze	Hailstorm	1
Musanze	Rainstorms	162
Ngoma	Fire	2
Ngoma	Hailstorm	3
Ngoma	Lightning	1
Ngoma	Rainstorms	557
Ngororero	Landslides	916
Ngororero	Lightning	1
Ngororero	Rainstorms	445
Nyabihu	Floods	254
Nyabihu	Landslides	5
Nyabihu	Rainstorms	136
Nyagatare	Fire	1
Nyagatare	Floods	7
Nyagatare	Rainstorms	273
Nyagatare	Windstorm	6
Nyamagabe	Fire	1
Nyamagabe	Landslides	14
Nyamagabe	Rainstorms	58
Nyamasheke	Fire	6
Nyamasheke	Landslides	1
Nyamasheke	Rainstorms	396
Nyanza	Floods	1
Nyanza	Rainstorms	369
Nyarugenge	Rainstorms	1089
Nyaruguru	Rainstorms	78
Rubavu	Fire	1
Rubavu	Floods	1103
Rubavu	Hailstorm	17
Rubavu	Lightning	1
Rubavu	Rainstorms	265
Rubavu	Windstorm	75
Ruhango	Fire	1
Ruhango	Rainstorms	850
Rulindo	Fire	2
Rulindo	Hailstorm	9
Rulindo	Landslides	65
Rulindo	Lightning	1
Rulindo	Rainstorms	74
Rusizi	Fire	5
Rusizi	Floods	20
Rusizi	Rainstorms	653
Rusizi	Windstorm	2
Rutsiro	Floods	2
Rutsiro	Landslides	34
Rutsiro	Rainstorms	409

District	Event	Houses Damaged
Rutsiro	Windstorm	3
Rwamagana	Rainstorms	405
TOTAL		18219

Source: MINEMA

5.6 Rainfall and Temperature

Table 5.6.1: Monthly Rainfall Total in mm

District	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Nyarugenge	2015	31.6	93.6	147.3	141	94.6	69.5	2	4.9	63.7	90.7	124.3	126.2
Nyarugenge	2016	21.7	77.2	166.6	232	8.9	0.2	0.2	2.7	147.4	101.8	141.5	
Nyarugenge	2017	110.6	105	100.8	146	86.2	0.9	0	3.4	0	69.8	139.4	41.5
Nyarugenge	2018	139.5	41.8	244.8	252	210.4	36.9	1.5	102.2	95.3	125.6	103.5	175
Kicukiro	2015	28.3	79.2	170.1	149	76	20	0.4	1.2	66.9	92.2	95.9	63
Kicukiro	2016	58.4	82.2	63.5	138	11	0	1.6	13.7	90.6	57.6	121.7	1.8
Kicukiro	2017	42.1	89.8	6	2.8	36.5	0	0	0	0	0	0.2	84.56
Kicukiro	2018	119.6	21	177.2	246	126.6	43.7	2.2	50.8	54.5	69	74.6	128.2
Nyamagabe	2015	95.7	125	129	136	207.5	132.8	25.8	13.2	138.4	210.4	158.2	162.3
Nyamagabe	2016	84.5	110	200.6	0	8.1	20.1	88.7	105.8	163.7	30	1.2	117
Nyamagabe	2017	107.3	72.6	136.2	125	69.9	21.1	0.6	25.9	58.5	99.5	161.2	68.9
Nyamagabe	2018	226.3	88	250.2	392	334	24.5	6.7	76.6	53.1	156.4	80	144.7
Ruhango	2015	79.8	117	52.6	210	160.7	61.2	1.4	16.4	65.7	121.3	93.3	73.4
Ruhango	2016	92	58	190.1	153	54.2	0.8	3.1	16.5	221.7	101.3	136.7	62.5
Ruhango	2017	34.2	78.2	112.5	145	111.5	0	28.6	9.5	45.2	86.6	139.5	77.3
Ruhango	2018	171.4	94.6	248.6	302	236.9	0	15.4	64	51.5	68	55.2	153.2
Karongi	2015	87.9	43.8	82.4	21			0	20.8	60.3	213	191.1	138.1
Karongi	2016	108.6	100	171.6	143	48.6	2.9	33	3.2	125.8	113.1		110.8
Karongi	2017	121.9	145	151.2	49	67.9	0	0.7	35.6	103	121.1	173.4	40.1
Karongi	2018	73.4	95.6	173	304	187.7	1	10.4	71.4	70.3	144.5	76.6	104
Rubavu	2015	34.7	74.7	111.7	111	144.4	143.2	20.9	15.8	103.7	244.6	177.4	138.8
Rubavu	2016	104	116		174		20	8.5	10.2	82.6	129.7	138	33.7
Rubavu	2017	90.2	159	77.3	32	36.6	10.3	1.6	61.2	87.1	105.6	100	82.8
Rubavu	2018	70.5	130	212.9	336	150.4	211.8	26.1	93.2	114.7	134.7	103.2	109.2
Rusizi	2015	125.3	139	144.9	118	73.4	77.2	0.1	13.8	109.8	87.8	111.6	
Rusizi	2016	144	38.9	161.5	152	103	26.9	13.8	15.7	102.9	113.5	139.9	68.1
Rusizi	2017	114.2	130	79.8	65	52.7	1.2	1.5	35.6	109.1	82	95.3	71.5
Rusizi	2018	160.3	191	61.3	249	64.4	20.9	5.9	45.8	52.2	127.7		242.8
Musanze	2015	28.7	40.1	34.6	25	10.6	46.4	0.2	0	25.8	215.7	151.1	
Musanze	2016	64.2	75	101.4	203	141.3	3.4	1.4	26.9	87.1	166.4	124.9	46.9
Musanze	2017	36.4	79.5	150.4	172	93.6	8.4	4.3	13	124.2	34.4	177.2	25.7
Musanze	2018	51.3	66.4	129.5	222	135.6	50.8	14.5	96.6	130.7	120.4	67.1	143.9
Gicumbi	2015	46.9	84.8	108	174	227.4	61.4	4.8	15.4	137.1	123.5	203.4	72.2
Gicumbi	2016	124.3	66.7	133.8	220	57	37.4	2.7	0	88.5	136.2	135	16.8
Gicumbi	2017	16.1	111	71.1	140	108.6	2.3		7.7	58.1	101.9	68.9	24.4
Gicumbi	2018	187.4	125	197.2	261	101.1	41.8	20.9	89.4	50.2	113.9	92.9	72.4
Nyagatare	2015	0.2	45	52.2	106				0	57.2			
Nyagatare	2016			20.7	68	20.7	0.3	2.3	0	74.2	131.1	169.3	23.6
Nyagatare	2017	19.8	16.8	147.3	68	49.8	0	4.1	8.4	80.8	36.1	52.8	5.4
Nyagatare	2018	19.7	39.1	101.6	186	160.6	39.2	8.6	57.4	46.6	107.2	124.6	74.9

District	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Kayonza	2015	8.2	60.6	134.8	221	47.4	39.2	0.4	4.4	22.6	156.3	128.8	64.2
Kayonza	2016	29	52.4	58.2	100	3.7	3.9	0	12	80.4	106	116.9	41
Kayonza	2017	11.3	96.6	137.5	70	106.7	6.8	0	36.4	102.9	129.7	152.2	19.9
Kayonza	2018	80.7	29.6	123.6	253	66.1	2.4	1			118	156.6	70.5
Kirehe	2015	38	48.2	87.2	246	42.5	52.3	0	0	42.4	41.9	166.8	124.3
Kirehe	2016	29.4	51.8		72	30.2	0	0	5	179.5	12.6	123.4	
Kirehe	2017	16.6				78.2	4.3	0	29.7	48.4	57.4	92.8	62.8
Kirehe	2018	54.5	67.3	158	130	86.9	4.5	0	46.6	0	74.2	54.5	135.4
Ngoma	2015	35.6	89	98.6	273	81.8	0.6	0.4	18.4	53.6	106.8	151.4	90.8
Ngoma	2016	89.7	53.5	174	129	10	0	0	0	102.2	27.2	175.5	87.6
Ngoma	2017	19.8	16.8	147.3	57	49.8	0	4.1	8.4	61.4	36.1	52.8	5.4
Ngoma	2018	179.9	101	162.1	265	121.6	13.6	0	55	26.3	67.9	164.5	115.2
Nyanza	2015		145	137.9	181	139.5	51	0	0	105.3	185.6	129.8	64.5
Nyanza	2016	246.4	85.7	189.5	160	80	3	0	13	41.7	46.7	142.5	55.5
Nyanza	2017	35	101	143.4	158	122.7	0		22.7	145	116.8	100.2	85.8
Nyanza	2018	138		287.8	264	244	19.3	0	100.1	103.2	102.7	84.4	172.6
Gisagara	2015	86.1	42.4	60.1	253	118.8	6.4	0	0	63.9	156.3	340.2	44.8
Gisagara	2016	151.9	141	161.3	193		1.9	0	15.4	32	92.1	125.1	48.6
Gisagara	2017	81.2			114	63.6	2.9	0	14.3	103	163.5	146.3	86.9
Gisagara	2018	117.3	36.6	213.3	297	197	0	2.2	161.5	60.5	135.8	83.5	77.2
Huye	2015	81.6	76	105.2	162	85.3	35.5	0	14.7	63.2	109.9	223.9	162.1
Huye	2016	203.2	93.8	114.3	190	67.3	3.5	0	17.5	63.5	56.8	91.6	31.6
Huye	2017	23.1	83	170.9	103	67.6	0	0	8.9	44.1	120.6	191.5	53.7
Huye	2018	130	72.4	143.6	394	202.3	5.1	1.7	91.5	54.2	139.2	66.8	157.1
Muhanga	2015	58.9	6.1	6.1	83	89	45.8	12.2	2.4	30.2	119.5	165.9	112.5
Muhanga	2016	9.1	59.3	116.5	324	210.2	0	13.1	9.5	62.4	189.5	168.7	87.4
Muhanga	2017	67.1	92.2		94	143.6	0	0	48.9	86.3	122.2	196.8	
Muhanga	2018	189	122	332.2	618	246.8	10.6		93.6	25	196.5	79.9	157.6
Kamonyi	2015	6.4	69.4	94.6	185	55.5	59.6	6.4	9.5	60.5	173.4	107.9	163.1
Kamonyi	2016	90	130	137.2	241	13.7	6.8	1.7	30.8	133.7	64		49.2
Kamonyi	2017	46			123	122.4	5.3	0	26	38.9	72.9	184.9	82.1
Kamonyi	2018	160.3	27.1	217.7	361	245.9	36.5	6.8	48.6	17.2	71.6	93.5	126.6
Rutsiro	2015	92.7	122	57.4	127	116.7	129.6	1.7	6.7	127.4	168.7	99.9	112
Rutsiro	2016	186.3	132	128.2	233	271.6	14.5	72.3	13.4	174.6	99.2	158.6	102.3
Rutsiro	2017	121.3	180	172.5	60					142.5	148.6	131.2	119.4
Rutsiro	2018	194.2	134	168.8	286	170.5	1.7	22	157.7	41.8	160.8	39.5	108.3
Ngororero	2015	31.2	158	133.6	197	274.3	129.5	11.2	27.8	143.5	206.9	208.5	130.6
Ngororero	2016	148.1	144	143.5	281					243.1	301.1	230.2	125.3
Ngororero	2017	88.6	98.8					0	62.2	51.3		91	169.3
Ngororero	2018	178.4	140	168.4	374		58.6	13.7	92.6	45.8	221.8	86.7	148
Nyamasheke	2015		205	300.4	394	310.6	275.8	126	0	262.8	396.7	291.3	379.3
Nyamasheke	2016	209.9	201	348.3	297	299.2	93.9	0	0				98.9
Nyamasheke	2017	151.3			200	91	0	30	14.4	254.1	248.1	227.1	147.8
Nyamasheke	2018	321.5	341	489.2	568	266.2	25.2				153	83.1	114
Gakenke	2015	31.4	87.9	125.8	254	25.1	1.6	0	11	46.9	273.5	207.3	236.2
Gakenke	2016	86	7.5	122.2	384	184.3	18.9	1.6	0	20.8	44.8	295.9	82
Gakenke	2017	4.5	65.2	126.9	253	49.9	7	2.1	0	41.4	48.8	73.4	36.8
Gakenke	2018	228.4	210	98.6	461	189.9	19.1	8.4	111.3	44.7	61.9		133.6

District	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Burera	2015	38.5	124	58.9	272	152.9	42.4	2.5	18.7	129	75.2	74	67.4
Burera	2016	137.8	56.9	122.8	156		8.5	5	0	96.1	114.5	139.9	32.7
Burera	2017						3.5	0	20.5	123.4	147.2	88.5	19.4
Burera	2018	107.8	127	238.3	295	131.2	22	15.2	81	75.7	80.1	62.4	138.4
Gatsibo	2015	0	29.1	69.4	171	52.6	31.1	7.5	6.1	136.6	161.4	86.5	67.8
Gatsibo	2016	157.3	24.5	92.7	114	9.2	25.6	0	13	36.1	157.5	161.4	
Gatsibo	2017					94.3	5.3	4.9	10.6	62.5	105	160.6	44.8
Gatsibo	2018	153	78.5	207.4	210	71.3	42.8	1.9	60.8	26.8	137.5	101.4	35.7
Kirehe	2015	38	48.2	87.2	246	42.5	52.3	0	0	42.4	41.9	166.8	124.3
Kirehe	2016	29.4	51.8		72	30.2	0	0	5	179.5	12.6	123.4	
Kirehe	2017	16.6				78.2	4.3	0	29.7	48.4	57.4	92.8	62.8
Kirehe	2018	54.5	67.3	158	130	86.9	4.5	0	46.6	0	74.2	54.5	135.4
Bugesera	2015	75.4	49.7	43.3	190	71.7	18.8	0	4.4	35.5	54.6	127	76.9
Bugesera	2016	51.2	104	69.9	116	8.9	0	0	7.2	56.2	39.5	137.2	57.6
Bugesera	2017	16.1	51.4	88.3	108	160.7	3.8	0	4.5	48.2	94.5	181.9	
Bugesera	2018	91.7	25.4	164.5	281	146.5	31	0	62	7.4	70.3	81.4	177.1

Source: MeteoRwanda

Table 5.6.2: Monthly Mean Maximum Temperature in degree Celsius

District	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Nyanza	2015	24.8	25.7	25.81	24.08	25.58	25.5	24.97	26.02	26.57	25.42	25.43	25.37
Nyanza	2016	26.2	25.4	25.69	25.27	26.27	25.97	26.13	26.48	26.43	26.42	25	25.27
Nyanza	2017	26.1	25.7	25.21	24.57	24.81	25.77	24.8	25.3	25.2	24.7	24.58	25.4
Nyanza	2018	24.3	24.5	24.71	24.87	25.09	26.43	25.06	25.98	25.88	25.56	25.49	25.49
Huye	2015	24.4	25.3	25.24	23.47	23.55	24.31	25.89	27.02	26.93	24.79	23.62	24.02
Huye	2016	24.6	25.4	25.49	24.14	24.79	24.94	25.91	26.39	26.95	26.17	24.45	24.84
Huye	2017	26.5	24.9	24.46	23.43	27.5	25.3	25.76	25.89	26.1	25.66	23.9	24.73
Huye	2018	23.7	25.4	23.7	22.59	23.09	24.19	24.15	24.87	25.27	24.53	23.56	23.15
Muhanga	2015	26.3	25.9	27.26	26.87	26.64	26.44	25.74	25.78	25.61	25.85	26.05	26.13
Muhanga	2016	26.5	26.9	27.4	27.1	28.1	28.3	27.6	30.15	25.34	27.21	26.1	26.5
Muhanga	2017	27.9	29	26.9	25.3	24.48	26.5	27.02	26.74	26.83	26.81	25.78	26.6
Muhanga	2018	25.8	26.2	25.95	26.7	24.94	24.9	25	25.98	27.1	27.26	26.35	26.37
Kamonyi	2015	25.6	25.5	25.69	24.85	25.71	26.26	26.03	25.15	25.86	25.42	26.06	26.41
Kamonyi	2016	26	25.6	25.94	24.62	26.2	27.1	27.5	27.09	26.43	26.44	26.3	26.31
Kamonyi	2017	28.4	26.5	26.1	26.23	25.7	27.46	28.72	28.59	27.88	27.5	26.63	27.68
Kamonyi	2018	27	26.9	26.42	25.45	25.87	26.5	27.62	27.53	26.55	27.02	26.59	26.13
Ngororero	2015	21.1	21.1	21.93	21.07	20.25	20.64	21.6	21.51	21.69	21.07	20.19	20.31
Ngororero	2016	21.3	21.7	22.4	21.8	21.1	20.1	20.3	22.5	20.46	20.08	19.27	19.63
Ngororero	2017	21.3	20.1	20.2	21.2	20.5	21.3	19.06	19.79	21.5	21.7	22.54	19.77
Ngororero	2018	20	20	20.01	20.58	20.3	20.7	19.89	19.93	20.64	20.57	20.5	20.02
Nyamasheke	2015	21.8	22.3	22.43	21.46	21.36	22.3	21.71	21.81	21.96	22.05	21.84	22.17
Nyamasheke	2016	22.1	22.1	21.78	22.39	22.73	23.83	23.98	24.63	24.4	24.2	24.2	24.45
Nyamasheke	2017	24.1	24.1	23.9	24.33	26.35	25.6	25.73	25.56	25.31	24.42	24.99	25.29
Nyamasheke	2018	25.9	26.1	26.03	26.09	25.88	25.02	25	25.4	25.2	24.5	24.14	23.55
Burera	2015	21.2	21.8	21.14	20.17	19.5	19.27	21.11	22.91	21.23	19.95	20.56	20.21
Burera	2016	21.2	21.7	22.21	20.05	21	19.97	21.02	22.52	22.12	22.21	21.57	21.65
Burera	2017	22.6	24.0	23.5	22.7	22.4	21.07	21.28	21.05	21.16	21.56	20.4	21.67
Burera	2018	20.6	21.7	20.2	19.59	19.57	25.33	19.85	20.4	21.22	21.58	20.97	19.94

District	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Gatsibo	2015	28.6	28.7	28.52	26.13	26.5	26.66	28.03	29.16	28.27	28	27	25.85
Gatsibo	2016	28.7	28.8	28.26	27.4	28.58	28.93	29.69	30.21	29.4	28.32	26.95	27
Gatsibo	2017	23.7	25.8	25.1	25.8	26.53	28.2	28.27	28.4	28.45	27.95	27.07	27.31
Gatsibo	2018	26.9	28.7	26.74	26.68	26.34	27.4	28.43	28.32	27.94	27.81	26.88	27.36
Kirehe	2015	25.3	25.7	24.67	24.22	25.55	26.94	28.7	27.63	27.19	27.53	25.68	26.54
Kirehe	2016	27.2	28		27.07	28.35	30.19	29.82	30.03	26.64	27.62	25.93	26.9
Kirehe	2017	28.4	26.5	26.0	27.0	25.95	27.72	28.05	28.23	26.82	26.94	25.29	27.1
Kirehe	2018	25.3	26.5	24.87	24.33	24.7	26.19	25.75	26.14	27.41	26.46	25.56	24.31
Bugesera	2015	27.9	28.1	27.59	27.07	27.1	27.47	28.99	29.99	30.03	28.25	25.93	27.24
Bugesera	2016	27.3	28.3	28.54	27.05	28.04	28.41	28.94	29.77	29.17	28.88	26.71	26.71
Bugesera	2017	29.1	28	26.85	26.8	26.77	28.96	28.83	28.82	28.69	28.47	26.11	26.9
Bugesera	2018	25.6	28.4	25.79	25.69	26.51	27.62	27.65	28.31	29.74	28.41	27.01	26.51
Nyarugenge	2015	28.1	28.6	27.88	25.31	25.5	25.97	27.44	28.06	28.27	26.26	26.06	25.95
Nyarugenge	2016	27.9	28.5	27.51	25.5	26.11	26.2	27.59	28.44	28.74	27.7	26.27	27.36
Nyarugenge	2017	28.9	26.9	26.41	25.81	25.18	26.43	27.12	27.5	27.91	28.09	26.38	27.62
Nyarugenge	2018	26.3	28.2	25.89	24.78	25.32	25.7	25.81	26.69	27.98	27.6	26.65	25.35
Kicukiro	2015	28.8	28.8	28.75	26.42	26.6	26.83	28.69	29.72	29.49	28.22	27.9	27.69
Kicukiro	2016	28.3	28	27.14	25.46	25.87	26.49	27.54	28.27	28.53	27.32	25.66	26.22
Kicukiro	2017	28.6	26.5	26.66	26.59	25.76	27.63	27.85	27.81	27.98	27.65	26.25	26.99
Kicukiro	2018	25.9	27.7	25.94	24.76	25.24	25.67	26.06	26.78	28.3	27.92	26.71	25.29
Nyamagabe	2015	23.6	23.7	23.98	23.33	23.35	22.84	23.96	24.31	24.81	23.55	22.75	22.77
Nyamagabe	2016	23	23.7	24.89	22.04		23.42	24.85	25.32	25.55	24.49	23.21	23.67
Nyamagabe	2017	24.9	24.1	24.09	23.22	23.02	24.86	25.04	25.04	25.07	24.69	23.48	23.89
Nyamagabe	2018	23	24.4	23.01	22.34	22.79	23.9	23.71	23.96	25.23	24.42	23.76	23.06
Ruhango	2015	24.7	24.7	24.72	21.65	23.31	23.47	25.23	24.92	25.17	24.34	23.36	24.16
Ruhango	2016	24.6	24.9	25.46	23.21	23.67	23.95	24.43	24.87	25.16	24.29	22.85	24.61
Ruhango	2017	25.2	24.5	24.05	23.15	22.73	24.68	24.67	24.85	25.43	25.06	23.64	24.43
Ruhango	2018	23.3	25	23.59	22.39	22.4	23.53	23.27	23.95	25.17	24.8	23.84	23.32
Karongi	2015	25.2	25.1	25.08	26.15			25.4	25.44		25.99	24.93	25.08
Karongi	2016	25.5	26.5	27.13	25.77	25.86	25.52	26.6	27.35	27.09	26.77	25.7	25.81
Karongi	2017	25.8	25	25.41	25.63	25.36	27.05	26.47	26.71	25.77	26.19	25.39	26.18
Karongi	2018	24.6	26.2	25.12	24.57	25.2	26.11	26.06	25.98	27.31	26.1	25.84	24.67
Rubavu	2015	25.4	25.7	25.41	24.37	24.88	24.02	25.71	27.04	27.23	25.33	24.72	25.37
Rubavu	2016	25.7	25.4	25.81	25.15	23.45	23.57	24.76	25.75	25.11	24.44	23.7	26.1
Rubavu	2017	25.8	24.9	24.98	26	25.42	26.66	26.05	26.18	25.56	25.79	25.35	26.04
Rubavu	2018	24.4	25.3	24.5	23.97	24.44	24.79	25.07	25.13	26.53	26.11	25.63	24.66
Rusizi	2015	25.7	26.7	25.77	25.06	25.34	25.47	26.93	28.45	27.28	25.67	25.24	25.27
Rusizi	2016	26.4	27.1	27.37	25.5	25.22	25.02	26.6	27.78	27.61	27.24	25.44	25.59
Rusizi	2017	26	25.6	25.44	25.02	25.21	26.68	26.77	26.59	26.25	25.91	25.21	25.98
Rusizi	2018	24.6	25.6	25.45	24.8	24.94	26.28	25.77	26.43	26.42	25.8	25.03	24.95
Musanze	2015	24.9	25.3	25.04	24.5	24.24	24.22	25	25.65	24.3	23.93	23.63	24.52
Musanze	2016	24.8	25.4	25.71	23.76	23.45	23.57	24.76	25.75	25.11	24.44	23.7	25.01
Musanze	2017	26	24.8	24.25	23.29	23.06	24.52	24.69	24.49	24.74	24.9	24.1	25.13
Musanze	2018	23.9	25.2	23.41	22.63	22.65	23.43	23.53	23.95	24.9	24.32	24.21	23.62
Gicumbi	2015	23	23.4	23.01	20.69	20.53	20.52	22.76	23.54	22.85	22.52	21.54	22.06
Gicumbi	2016	22.8	23.7	23.81	21.41	21.43	21.46	22.61	23.44	23.72	22.57	21.38	22.28
Gicumbi	2017	23.7	22.4	21.97	21.29	20.55	22.06		23.15	22.03	22.39	21.46	22.39
Gicumbi	2018	21.3	22.5	21.2	20.38	20.25	20.7	20.77	21.31	22.36	21.92	21.75	20.84

District	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Nyagatare	2015	28.3	28.9	28.73	26.38				29.95	29.07			
Nyagatare	2016			29.92	27.28	28.3	28.73	29.42	29.97	29.71	28.14	26.57	27.33
Nyagatare	2017	29.5	28.3	27.19	26.58	26.83	28.9	28.94	28.8	28.75	26.46	26.46	28.27
Nyagatare	2018	28	29.4	26.77	25.82	25.74	26.95	27.67	28.06	28.95	27.84	26.87	26.18
Kayonza	2015	26.3	27.2	27.36	23.67	25.39	24.84	27.27	28.04				
Kayonza	2016	26.8	27.9	28.11	25.75	26.4	27.14	28.28	28.99		27.92	26.02	26.44
Kayonza	2017	28.7	26.7	25.88	25.76	25.56	27.6	28.02	27.83	27.14	26.65	25.5	26.3
Kayonza	2018	25.2	27.2	25.54	24.63	25.32	26.33	26.77			27.47	25.93	24.61
Ngoma	2015	26.8	27.2	27.3	23.66	25.42	22.3	27.24	28.85	27.1	26.08	24.11	25.38
Ngoma	2016	26	26.7	27.71	25.26	26.06	26.5	27.47	28.25	27.96	27.43	25.3	25.24
Ngoma	2017	27.6	26.1	25.29	25.62	25.33	27.08	27.24	26.86	26.83	26.43	23.48	25.26
Ngoma	2018	24.6	26.1	24.75	23.85	24.55	26.12	26.98	26.73	28.02	27.62	26.24	24.8

Source: MeteoRwand

Table 5.6.3: Monthly Mean Minimum Temperature in degree Celsius

District	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Nyanza	2015	16.4	15.02	15.63	14.8	15.29	14.85	14.73	14.77	15.2	14.95	14.37	14.79
Nyanza	2016	15.23	15.28	14.76	15.18	15.39	15.8	15.85	15.77	15.4	15.02	14.38	14.4
Nyanza	2017	14.77	14.05	13.81	14.23	13.88	14.4	15.6	16.3	14.8	15.7	13.24	13.63
Nyanza	2018	13.23		15.24	15.49	15.95	15.98	14.71	15.74	14.6	15.34	14.77	15.17
Huye	2015	15.39	14.95	15.3	14.83	15.65	15.15	15.34	16.25	16	15.22	15.25	15.53
Huye	2016	16.28	16.12	15.73	15.42	15.25	14.51	15.37	15.71	16.1	15.71	15.26	14.72
Huye	2017	15.5	15.27	15.07	15.6	15.53	15.14	15.44	16.25	15.7	15.21	14.66	15.05
Huye	2018	14.98	15.64	15.68	15.65	15.79	14.61	14.35	15.15	15.4	15.91	15.51	15.25
Muhanga	2016	14.9	14.6	14.9	17.0	16.4	15.9	16.0	10.1	16.2	10.2	15.6	16.3
Muhanga	2017	16.7	14.33	14.6	14.44	14.72	13.99	14.23	15.45	14.1	14.67	14.47	16.2
Muhanga	2018	14	14.29	14	14.04	14.36	13.58	13.4	14.76	14.3	14.73	15.19	13.96
Muhanga	2015	15.24	15.08	15.88	14.85	16.2	16.33	17.23	15.38	16.4	16.42	16.54	16.57
Kamonyi	2016	16.18	15.71	15.91	15.42	16.45	17.06	17.15	16.97	16.5	16.04	15.1	15.66
Kamonyi	2017	16.81	16.8	16.4	15.75	15.72	16.91	17.53	17.08	16.3	16.65	16.6	16.88
Kamonyi	2018	16.33	16.49	16.15	15.44	15.51	15.85	16.47	16.11	15.8	15.7	15.69	15.38
Ngororero	2015	13.16	13.16	13.4	12.8	12.51	12.69	12.71	10.99	12	11.14	11.04	11.11
Ngororero	2016	13.2	13.2	12.7	14.4	12.1	10.3	10.3	8.8	10.8	11.05	11.21	12.88
Ngororero	2017	13.29	13.36	12.2	12.3	12.7	12.0	12.08	12.84	12.6	13.3	13.19	12.51
Ngororero	2018	12.01	12.15	11.79	12.14	11.51	10.9	11.02	12.02	13.2	13.2	13.63	13.38
Nyamasheke	2015	17.73	17.49	17.78	17.83	17.42	17.38	17.44	17.25	17.9	17.34	17.5	17.02
Nyamasheke	2016	17.89	17.21	17.53	17.47	17.74	17.89	17.66	17.55	13.0	13.5	13.0	16.03
Nyamasheke	2017	16.08	13.9	13.8	16.91	14.91	14.45	14.49	14.69	14.6	14.46	14.33	15.5
Nyamasheke	2018	15.97	16.11	16.14	16.23	15.91	15.63	14.2	15	16	15.3	14.99	14.73
Burera	2015	13.02	13.46	14.57	13.21	13.57	13.26	13.55	14.19	13.5	13.57	13.21	13.3
Burera	2016	13.85	13.73	14.25	14.03		13.31	12.88	13.79	13.4	13.49	13.1	13.44
Burera	2017	13.4	12.8	12.4	12.5	12.7	13.56	13.56	13.87	13.4	13.79	13.44	13.61
Burera	2018	13.19	13.96	13.03	12.98	13.21	12.1	12.43	12.75	13.9	13.7	13.69	13.18
Gatsibo	2015	16.63	16.55	17.38	16.51	17.22	16.5	16.94	16.92	16.8	16.38	16.31	15.61
Gatsibo	2016	16.86	16.49	16.53	16.64	11.73	16.19	16.66	16.44	16.3	16.17	15.91	
Gatsibo	2017	16.4	16.2	16.3	17.5	16.77	16.58	17.12	16.73	16	15.56	15.96	16.22
Gatsibo	2018	15.99	16.61	16.07	15.9	16.41	16.44	16.38	16.34	16.4	16.37	16.13	16.1

District	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Kirehe	2015	16.3	16.8	14.0	13.4	13.7	13.3	14.0	13.7	16.8	14.4	14.2	17.1
Kirehe	2016	14.8	13.8	14.0	16.9	19.0	14.6	14.7	14.9	16.4	16.8	15.5	14.1
Kirehe	2017	16.6	12.6	11.7	12.5	15.72	16.77	16.99	15.75	16	15.68	15.17	13.2
Kirehe	2018	15.01	16.11	15.06	15.15	15.45	16.77	16.49	17.33	16.1	16.25	15.9	15.59
Bugesera	2015	15.73	15.03	15.59	15.05	15.21	14.79	12.97	13.61	14.9	14.97	15.05	15.32
Bugesera	2016	16.43	16.15	15.95	16.87	16.17	14.61	12.8	12.74	14.6	13.85	14.25	13.17
Bugesera	2017	13.06	13.23	13.21	13.69	13.68	11.83	13.14	13.4	13.9	13.28	12.75	
Bugesera	2018	12.77	13.54	13.48	13.38	13.29	12.85	13.7	15.73	15.5	17.18	17.36	16.31
Nyarugenge	2015	16.97	16.46	17.32	16.81	17.09	16.79	16.35	18.48	18.7	18.28	16.8	18.1
Nyarugenge	2016	17.85	17.98	18.85	18.98	15.2	16.79	16.89	17.29	17.9	17.32	16.88	16.41
Nyarugenge	2017	17.1	16.83	16.7	17.14	17.26	17.08	17.7	18.68	17.6	17.11	16.64	16.74
Nyarugenge	2018	16.79	17.5	16.95	17.05	17.13	16.13	15.7	16.74	16.7	17.17	17.03	16.61
Kicukiro	2015	17.01	16.63	17.14	17.04	17.36	16.79	15.77	16.85	17.2	17.17	16.81	17.09
Kicukiro	2016	17.98	17.57	17.38	17.99	17.67	16.72	10.96	17.41	17.7	17.18	16.5	15.98
Kicukiro	2017	16.85	16.48	16.13	16.55	16.69	16.22	16.74	18.27	17.1	17.02	16.5	16.51
Kicukiro	2018	16.51	17.23	16.8	16.74	16.9	16.01	15.56	16.55	16.4	16.96	16.64	16.35
Nyamagabe	2015	14.79	14.59	14.66	14.93	16.63	14.31	13.72	14.04	14.6	14.58	14.56	14.38
Nyamagabe	2016	14.85	14.89	14.63	14.84		14.09	13.99	14.79	14.9	14.76	14.1	14.35
Nyamagabe	2017	14.67	14.45	14.42	14.76	15	14.67	14.91	15.27	14.6	14.18	13.97	13.85
Nyamagabe	2018	13.81	14.49	14.27	14.43	14.45	14.13	13.73	13.95	14.4	14.48	13.68	13.66
Ruhango	2015	14.75	14.82	14.8	12.58	14.83	14.36	13.09	13.85	14.7	14.42	14.09	14.59
Ruhango	2016	15.46	15.2	14.92	16.08	15.32	12.82	14.82	15.25	16.3	16.26	15.91	8.89
Ruhango	2017	15.78	14.4	14.65	14.67	14.4	13.16	13.89	15.16	14.9	14.72	14.2	14.2
Ruhango	2018	14.55	15.03	15.1	14.99	14.59	12.72	12.12	13.74	14.3	14.48	14.33	14.47
Karongi	2015	14.64	14.96	15.5	15.1			14.58	14.91		14.24	14.29	14.51
Karongi	2016	15.19	15.4	14.48	15.93	15.21	12.27	11.77	12.12		13.95	14.27	13.1
Karongi	2017	14.52	14.79	14.75	14.77	14.72	12.87	13.36	15.17	15.1	14.75	14.49	14.31
Karongi	2018	15.17	15.29	15.4	15.91	15.89	13.75	11.82	14.45	14.4	15.12	15.22	14.65
Rubavu	2015	15.51	15.4	16.09	15.63	16.27	15.7	14.29	15.06	16.1	15.6	15.8	16.19
Rubavu	2016	16.71	16.46	16.73	16.67	17.04	14.77	14.35	14.28	14.9	15.02	15.41	15.29
Rubavu	2017	15.74	15.82	15.79	16.11	16	15.45	15.61	16.56	15.9	15.76	15.63	16.19
Rubavu	2018	16.2	16.54	16.28	16.63	16.44	15.07	13.94	15.66	15.2	15.63	15.85	15.69
Rusizi	2015	16.02	15.85	15.98	15.88	16.48	15.55	15.04	15.86	16.5	16.12	16.17	16.31
Rusizi	2016	15.58	16.13	16.67	16.92	17	14.96	14.25	13.26	12.6	12.7	12.71	12.7
Rusizi	2017	12.52	12.24	12.44	13.18	14.89	15.57	15.57	16.87	15.9	16.63	16.12	16.69
Rusizi	2018	16.49	16.65	16.84	16.5	16.5	15.42	14.54	15.82	16.7	16.48	16.35	16.31
Musanze	2015	12.24	12.08	12	12.37	13.87	12.47	11.28	12.4		13.32	13.08	12.85
Musanze	2016	13.73	13.71	13.49	14.82	15.15	13.01	12.3	12.13	12.1	11.65	10.77	8.71
Musanze	2017	9.06	12.53	12.15	12.55	13.21	12.48	13.31	14.07	13.3	12.06	12.07	12.06
Musanze	2018	13.07	13.23	13.5	13.81	13.99	12.22	10.64	12.89	12.2	12.69	12.07	11.49
Gicumbi	2015	14.16	14.28	14.73	13.13	14.14	14.03	14.12	14.92	13.7	12.83	13.36	13.81
Gicumbi	2016	14.67	14.99	15.17	14.49	14.25	13.27	13.43	14.1	14.3	14.25	13.59	13.99
Gicumbi	2017	14.35	13.99	13.85	13.87	13.21	14.13		14.22	13.6	13.46	12.84	13.37
Gicumbi	2018	13.05	14.13	13.11	12.86	12.99	12.38	12.49	12.54	14.3	14.67	14.53	14.28
Nyagatare	2015	15.27	15.01	15.91	16.6				15.12	16			
Nyagatare	2016			16.23	17.29	16.44	14.94	14.68	15.67	16.8	16.59	16.09	14.74
Nyagatare	2017	14.84	15.46	15.97	16.31	15.48	14.33	15.08	16.84	16.7	16.51	15.84	15.19
Nyagatare	2018	16.21	16.69	17.06	17.35	16.5	14.45	13.45	14.8	14.9	16.18	15.88	15.18

District	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Kayonza	2015	15.3	15.22	15.8	15.2	16.02	15.3	14.69	14.12	16.1	15.63	14.59	14.51
Kayonza	2016	15.83	16.41	16.13	17.14	16.42	14.74	14	14.35	14.9	15.49	14.59	14.63
Kayonza	2017	15.02	14.74	14.75	15.52	15.81	14.61	14.56	15.85	15.2	15.13	15.28	15.01
Kayonza	2018	15.6	16.06	16.22	16.41	15.76	14.48	13.97			15.36	15.44	15.17
Ngoma	2015	16.25	16.11	16.14	15.18	16.11	14.8	16.04	16.16		16.79	9.18	16.44
Ngoma	2016	16.88	16.9	16.96	17.27	17.02	16.13	16.36	17.01	17	16.67	15.67	15.8
Ngoma	2017	16.28	15.72	15.38	15.67	15.88	16.3	16.29	16.37	15.9	15.75	15.08	15.51
Ngoma	2018	14.88	15.89	15.06	14.78	15.17	14.7	14	14.7	14.3	14.46	14.82	15.63

Source: MeteoRwanda

5.7 Water Resources Management

Table 5.7.1: Integrated Water Resources Management in 2019

N ^o	Items	Status
1	Rainfall	27.BCM/annum
2	Ground water recharge	4.5 BCM/annum
3	Total renewable water resources	6.8 BCM/annum
4	Renewable water availability	670 m ³ /annum
5	Artificial water storage per capita	6.89 m ³

Source: RWFA/Water Resources Management Department

CHAPTER VI: AGRICULTURE

6.1 Production

Table 6.1.1: Production of major cash crops in Tons

Years	2014	2015	2016	2017	2018
Coffee	16,379	21,802	22,009	22,390	19,231
Tea	24,751	25,411	25,628	27,887	31,068

Source: NAEB

Table 6.1.2: Land area under production for major cash crops '000 Hectare

	2014	2015	2016	2017	2018
COFFEE					
Total Coffee area	55.03	35.5	37.7	38.7	40.36
Coffee Area under production	38.42	30.514	30.8	31.36	32.5
TEA					
Total tea area	25.34	26.27	26.88	27.22	23.27
Tea area under production	17.22	17.22	18.82	20.47	20.47

Source: NAEB

6.2 Export of Crop, Animal and Animal Product

Table 6.2.1: Exports of Vegetables

Vegetables	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Onions					
Vols (kg)	1,255,929	761,808	1,222,752	1,677,652	2,936,194
Revenues FOB(USD)	901,415	250,526	516,348	932,003	1,048,448
Fresh beans					
Vols (kg)	15,173,917	6,873,338	7,393,525	4,376,623	4,444,189
Revenues FOB(USD)	2,629,714	1,118,087	2,877,741	1,876,718	1,390,883
Tomatoes fresh and paste					
Vols (kg)	126,376	1,726,579	2,406,509	4,321,957	4,570,963
Revenues FOB(USD)	192,242	739,677	2,683,100	4,338,172	4,732,003
Egg plants					
Vols (kg)	-	682,961	1,554,669	2,066,330	1,524,672
Revenues FOB(USD)	-	220,104	842,553	603,954	473,083
Cabbages					
Vols (kg)	1,505,125	1,928,713	1,848,687	2,472,651	3,928,344
Revenues FOB(USD)	320,162	247,242	259,632	441,922	556,262
Green Pepper(poivron)					
Vols (kg)	18,370	47,943	90832	172,547	103,336
Revenues FOB(USD)	43,979	26,151	45095.61712	78,847	49,080
Red Pepper					
Vols (kg)	-	174,109	284,232	357,770	721,263
Revenues FOB(USD)	-	178,792	338,549	484,341	1,036,613
Carrots					
Vols (kg)	528,137	864,394	1,302,286	1,009,392	1,146,175
Revenues FOB(USD)	119,761	136,875	412,717	199,700	214,843
Freshpeas					
Vols(Kg)	155,584	211,493	226,779	157,842	177,331
Revenues (US\$)	163,989	224,903	173,034	135,205	153,892
French beans					
Vols(Kg)	2,939	119,899	317,674	1,094,274	3,514,342

Vegetables	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
<i>Revenues (US\$)</i>	12,574	210,982	714,379	1,774,971	3,490,443
Cassava leaves					
<i>Vols(Kg)</i>	217,055	193,591	134,674	95,292	268,424
<i>Revenues (US\$)</i>	35,032	36,088	92,343	34,551	76,849
Cucumber Fresh					
<i>Vols(Kg)</i>	-	40,485	41691	135,467	18,314
<i>Revenues (US\$)</i>	-	12,368	22312.45133	67,919	9,211
Broccoli					
<i>Vols (kg)</i>	-	-	-	3,278	34,701
<i>Revenues FOB(USD)</i>	-	-	-	5,464	74,398
Mushrooms					
<i>Vols(Kg)</i>	-	3,166	8235.7	48,282	106,670
<i>Revenues (US\$)</i>	-	7,238	24669.44414	214,966	99,860
Other Vegetables preserved and spices					
<i>Vols (kg)</i>	2,686,834	2,992,462	2,394,717.90	2,645,817	3,256,803
<i>Revenues FOB(USD)</i>	1,189,045	1,072,662	1,999,292.48	1,200,620	2,232,808
Total					
<i>Vols (kg)</i>	21,670,266	16,620,941.13	19,227,263.21	20,635,174	26,751,720
<i>Revenues FOB(USD)</i>	5,607,913	4,481,694.80	11,001,765.58	12,389,352	15,638,674

Source: NAEB

Table 6.2.2: Exports of Fruits

Fruits	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Oranges and Other Similar					
<i>Vols(Kg)</i>	194,988	253,940	209,157	408,343	536,633
<i>Revenues (US\$)</i>	113,043	128,636	123,756	190,345	235,840
Passion Fruits					
<i>Vols(Kg)</i>	200	66,233	88,280	251,895	415,519
<i>Revenues FOB(US\$)</i>	318	31,767	173,220	318,404	295,788
Lemons					
<i>Vols(Kg)</i>	1,780	-	-	-	-
<i>Revenues FOB(US\$)</i>	1,686	-	-	-	-
Pineapples					
<i>Vols(Kg)</i>	256,227	198,683	101,697	75,675	59,927
<i>Revenues (US\$)</i>	93,740	83,293	167,152	251,494	274,877
Tamarillo(ibinyomoro)					
<i>Vols(Kg)</i>	-	11,057	6,104	138,063	38,669
<i>Revenues FOB(US\$)</i>	-	6,587	4,924	185,359	20,337
Ripe Bananas					
<i>Vols(Kg)</i>	266,470	1,813,191	1,880,248	2,555,470	3,097,392
<i>Revenues (US\$)</i>	222,848	411,943	731,677	839,564	902,113
Mangoes					
<i>Vols(Kg)</i>	-	121,924	284,177	295,734	306,979
<i>Revenues FOB(US\$)</i>	-	46,186	138,284	129,964	99,138

Fruits	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Apples					
Vols(Kg)	-	60	-	45,080	-
Revenues FOB(US\$)	-	283	-	33,678	-
Watermelons					
Vols (kg)	3,090	-	-	-	-
Revenues FOB(USD)	5,172	-	-	-	-
Strawberry (fraise)					
Vols(Kg)	-	12,706	22,791	14,742	17,455
Revenues FOB(US\$)	-	13,573	20,230	10,657	12,965
Grape and wine grape					
Vols(Kg)	-	-	25,140	47,465	469,627
Revenues FOB(US\$)	-	-	67,359	195,222	599,108
Guava (Goyave) amapera					
Vols(Kg)	-	76,061	117,772	68,758	27,249
Revenues FOB(US\$)	-	19,340	28,893	16,282	6,670
Avocados					
Vols(Kg)	433,641	395,837	105,428	336,742	605,986
Revenues (US\$)	73,057	91,493	37,155	265,891	442,258
Fruit Juices and Jams					
Vols(Kg)	56,678	77,995	2,767,046	4,070,441	3,847,041
Revenues (US\$)	88,884	48,965	2,553,680	3,286,469	3,200,863
Macadamia nut					
Vols(Kg)	-	45,460	87,195	233,612	396,913
Revenues (US\$)	-	159,987	458,745	1,061,197	2,185,687
Other Fruits and nuts					
Vols(Kg)	535,243	535,996	222,178	215,377	139,895
Revenues (US\$)	470,401	216,093	79,899	106,212	114,889
Total Fruits					
Vols(Kg)	1,748,317	3,609,144	5,917,213	8,757,396	9,959,285
Revenues (US\$)	1,069,150	1,258,146	4,584,972	6,890,738	8,390,533

Source: NAEB

Table 6.2.3: Exports of Meat

Exports	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Vol(Kg)	3,655,694	5,470,946.28	6,237,017	7,021,167	6,876,252
Revenues Value(US)	12,924,561	19,207,811.82	22,906,406	24,784,246	18,905,650
Average price US\$/Kg	3.54	3.51	3.67	3.53	2.75

Source: NAEB

Table 6.2.4: Exports of Milk

Exports	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Vol(Liters)	15,038,406	12,732,335	12,081,956	17,514,192	9,304,523
Revenues(US\$)	15,038,406	12,732,335	13,061,738	20,644,939	6,073,138
Average price/Litre (US\$)	1.00	1.00	1.08	1.18	0.65

Source: NAEB

Table 6.2.5: Exports of Hides and skins

Exports	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Hides					
Vol(kg)	6,875,952	5,379,524	5,294,420	2,603,454	834,408
Value(US\$)	8,845,104	5,640,796	6,103,622	3,956,789	802,988
Skins					
Vol(kg)	2,011,654	1,330,757	1,050,725	797,580	243,431
Value(US\$)	3,170,728	1,795,691	1,854,326	1,897,169	223,303
Grand Total					
Vol(kg)	8,887,606	6,710,280	6,345,145	3,401,034	1,077,839
Value(US\$)	12,015,832	7,436,487	7,957,948	5,853,959	1,026,292

Source: NAEB

Table 6.2.6: Export of cereals

Cereals grains		2015-2016	2016-2017	2017-2018	2018-2019
Maize grains					
Formal	Vol(kg)	2,796,604	4,433,413	1,527,791	4,916,774
	Revenues (USD)	930,271	1,001,333	391,531	1,038,012
Informal	Vol(Kg)	2,829,160	2,536,270	4,978,024	4,570,638
	Revenues (USD)	375,293	712,386	1,391,537	1,091,778
Total maize Grains export					
Cereals grains		2015-2016	2016-2017	2017-2018	2018-2019
	Vol(kg)	5,625,764	6,969,683	6,505,815	9,487,412
	Revenues (USD)	1,305,564	1,713,719	1,783,067.16	2,129,790
Wheat Grain					
Formal	Vol(kg)	2,805,073	4,099,455	-	35,027,965
	Revenues (USD)	1,563,530	1,377,731	-	10,308,538
Informal	Vol(Kg)	84,816	33,401	306,773	532,392
	Revenues (USD)	50,090	15,567	111,744	217,683
Total wheat Grains export					
	Vol(kg)	2,889,889	4,132,856	306,773	35,560,357
	Revenues (USD)	1,613,620	1,393,298	111,744	10,526,221
Sorghum Grains export					
Formal	Vol(kg)	525,445	3,592,670	91,352	2,130
	Revenues (USD)	632,970	1,370,728	35,712	442
Informal	Vol(Kg)	940,439	546,455	610,296	670,482
	Revenues (USD)	382,234	245,287	277,990	258,281
Total Sorghum Grains					

Cereals grains		2015-2016	2016-2017	2017-2018	2018-2019
export					
	Vol(kg)	1,465,884	4,139,125	701,648	672,612
	Revenues (USD)	1,015,203	1,616,015	313,701.73	258,724
Rice Grains export					
Formal	Vol(kg)	6,832,900	37,856,042	59,409,169	52,582,891
	Revenues (USD)	4,668,744	25,860,926	34,316,360	30,297,975
Informal	Vol(Kg)	600,403	924697	631,395	410,374
	Revenues (USD)	517,102	744972.2603	563,881	367,585
Total Rice Grains export					
	Vol(kg)	7,433,302	38,780,739	60,040,564	52,993,265
	Revenues (USD)	5,185,845	26,605,898	34,880,241	30,665,559
Other cereals grains export					
Formal	Vol(kg)	-	44,970	37,303	121,899
	Revenues (USD)	-	26,479	61,416	58,759
Informal	Vol(Kg)	34,710	287	3,927	50,587
	Revenues (USD)	9,823	72	861	3,028
Total other cereals export					
	Vol(kg)	34,710	45,257	41,230	172,486
	Revenues (USD)	9,823	26,550	62,276	61,787
Maize Flour export					
Formal	Vol(kg)	8,453,330	11,382,416	51,803,977	20,460,105
	Revenues(USD)	3,680,171	4,446,879	12,244,697	4,629,285
Informal	Vol(Kg)	12,266,069	9,961,775	10,895,983	20,855,928
	Revenues(USD)	6,732,692	5,591,212	5,079,103	7,838,444
Total Maize Flour export					
	Vol(kg)	20,719,399	21,344,191	62,699,960	41,316,033
	Revenues (USD)	10,412,863	10,038,090	17,323,800	12,467,729
Wheat Flour export					
Formal	Vol(kg)	6,700,121	32,903,099	58,539,545	58,060,259
	Revenues(USD)	4,027,999	17,360,783	34,195,200	27,001,116
Informal	Vol(Kg)	1,200,256	3,409,371	489,586	97,089
	Revenues(USD)	792,331	2,008,751	308,487	66,988
Total Wheat Flour export					
	Vol(kg)	7,900,377	36,312,470	59,029,131	58,157,348
	Revenues (USD)	4,820,330	19,369,533	34,503,687	27,068,104
Sorghum flours					
Formal	Vol(kg)	-	3,140,946	29,843	8,021
	Revenues(USD)	-	1,198,342	11,169	7,603
Informal	Vol(Kg)	-	31,242	55,411	60,240

Cereals grains		2015-2016	2016-2017	2017-2018	2018-2019
	Revenues(USD)	-	16,124	26,418	24,433
Total sorghum flour export					
	Vol(Kg)	-	3,172,188	85,254	68,261
	Revenues (USD)	-	1,214,467	37,587	32,036
Wheat brand					
Formal	Vol(kg)	-	15,603,625	34,730,852	-
	RevenuesUSD)	-	1,427,762	7,225,510	-
Informal	Vol(kg)	-	-	-	-
	RevenuesUSD)	-	-	-	-
Total wheat brand	Vol(kg)	-	15,603,625	34,730,852	-
	Revenues (USD)	-	1,427,762	7,225,510	-
Maize brand					
Formal	Vol(kg)	-	3,864,714	4,000,163	-
	RevenuesUSD)	-	438,053	952,491	-
Informal	Vol(kg)	-	-	-	-
	RevenuesUSD)	-	-	-	-
Total maize brand	Vol(kg)	-	3,864,714	4,000,163	-
	RevenuesUSD)	-	438,053	952,491	-
Malt					
Formal	Vol(kg)	-	1,246,676	480,533	510224.71
	RevenuesUSD)	-	782,742	447,765	475742.7746
Informal	Vol(kg)	-	-	-	-
	RevenuesUSD)	-	-	-	-
Total malt	Vol(kg)	-	1,246,676	480,533	510,225
	RevenuesUSD)	-	782,742	447,765	475,743
Mullet					
Formal	Vol(kg)	-	554	636	2,008
	RevenuesUSD)	-	1,084	1,275	2,897
Informal	Vol(kg)	-	8,960	8,370	946
	RevenuesUSD)	-	5,379	6,430	507
Total mullet flour export	Vol(kg)	-	9,514	9,006	2,954
	RevenuesUSD)	-	6,463	7,705	3,403
Bakery, Biscuits, spaghetti, amandazi , feed products and Other					
Formal	Vol(kg)	-	1,704,754	5,849,370	6,791,108
	RevenuesUSD)	-	2,728,733	5,818,470	5,771,530
Informal	Vol(kg)	-	4,592,719	2,920,280	7,945,628
	RevenuesUSD)	-	631,823	578,707	1,360,336
Total Bakery, Biscuits, spageti, amandazi , feed products and Other	Vol(kg)	-	6,297,473	8,769,650	14,736,736
	RevenuesUSD)	-	3,360,556	6,397,176	7,131,866
Other cereals flour export					
Formal	Vol(kg)	6,194,735	33,935	278779.4	3,555,456
	Revenues(USD)	2,664,858	42,090	207050.8677	1,028,660
Informal	Vol(Kg)	2,460,277	7,250	7,583	18,329
	Revenues(USD)	652,356	4,930	4,236	20,600

Cereals grains		2015-2016	2016-2017	2017-2018	2018-2019
Total other cereals flour export					
	Vol(kg)	8,655,012	41,185	286,362	3,573,785
	Revenues (USD)	3,317,214	47,020	211,287	1,049,260
Grand total	Volume(kg)	54,724,337	141,959,696	237,686,941	217,251,472
	Revenues(USD)	27,680,463	68,040,167	104,258,040	91,870,222.24

Source: NAEB

Table 6.2.7: Export of pulses products

Products		2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
Dried beans						
Formal	Vol(kg)	2,631,481	11,872,793	5,006,804	5,941,933	12,818,452
	Revenues(Rw)	1,320,601,062	2,673,591	2,640,635	2,947,639	6,581,792
Informal	Vol(kg)	8,629,790	6,828,369	13,624,420	10,905,065	15,226,725
	Revenues(Rw)	4,085,056,877	3,922,521	8,523,891	7,015,275	8,157,336
Total dried beans export	Vol(kg)	11,261,271	19,027,459	18,631,224	16,846,998	28,045,177
	Revenues (Rw)	5,405,657,939	6,596,112	11,164,526	9,962,914	14,739,128
Dried peas						
Formal	Vol(kg)	623,882	581,295	5,000	30	100,001
	Revenues(Rw)	433,036,204	397,144	633	92	17,747
Informal	Vol(kg)	295,106	129,402	257,637	148,472	418,642
	Revenues(Rw)	168,984,022	102,716	240,988	132,951	265,554
Total dried peas export	Vol(kg)	918,988	710,697	262,637	148,502	518,643
	Revenues(Rw)	602,020,226	499,860	241,621	133,042	283,300
Grand total	Volume(kg)	12,180,259	19,738,156	18,893,861	16,995,500	28,563,820
	Revenues(Rw)	6,007,678,165	7,095,972	11,406,147	10,095,956	15,022,428

Source: NAEB

Table 6.2.8: Export of bananas products

Products		2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Banana for cooking						
Formal	Vol(kg)	-	682	28,723	152,759	164,441
	Revenues(USD)	-	567	23,762	126,370	171,981
Informal	Vol(kg)	1,008,282	322,985	-	-	-
	Revenues(USD)	698,387	239,551	-	-	-
Total banana for cooking export	Vol(kg)	1,008,282	323,667	28,723	152,759	164,441
	Revenues(USD)	698,387	240,118	23,762	126,370	171,981
Banana for beer						
Formal	Vol(kg)	-	-	688	2,074	-
	Revenues(USD)	-	-	852	3,571	-
Informal	Vol(kg)	454,164	300,190	160,848	344,107	313,542
	Revenues(USD)	326,782	170,981	64,466	149,294	128,321
Total						

Products		2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Total banana for beer export	Vol(kg)	454164	300,190	161,536	346181	313,542
	Revenues(USD)	326,782	170,981	65,317	152864,933	128,321
Grand total	Volume(kg)	1,462,446	623,857	190,259	498,940	477,983
	Revenues(USD)	1,025,168	411,100	89,079	279,235	300,302

Source: NAEB

Table 6.2.9: Export of Roots and tubers

Products		2015-2016	2016-2017	2017-2018	2018-2019
Irish Potatoes Export					
Formal	Vol(Kg)	3,416,772	3,249,222	2,525,513	1,795,077
	Revenues(USD)	523,867	416,520	341,501	334,070
Informal	Vol(Kg)	7,958,532	4,501,275	14,225,199	13,821,725
	Revenues(USD)	2,043,073	1,303,614	2,925,655	3,196,550
Total Irish Potatoes export	Vol(Kg)	11,375,304	7,750,497	16,750,712	15,616,802
	Revenues(USD)	2,566,940	1,720,135	3,267,156	3,530,620
Cassava flour and roots export					
Products		2015-2016	2016-2017	2017-2018	2018-2019
Formal	Vol(Kg)	2,509,718.00	2,926,090	4,459,326	7,595,739
	Revenues(USD)	457,755.30	826,585	5,593,865	2,683,738
Informal	Vol(Kg)	9,335,997.07	5,074,354	10,380,094	19,675,834
	Revenues(USD)	3,930,163.93	2,072,743	4,237,930	6,442,778
Total cassava export	Vol(Kg)	11,845,715.07	8,000,444	14,839,420	27,271,573
	Revenues(USD)	4,387,919.23	2,899,328	9,831,795	9,126,516
Sweet potatoes					
Formal	Vol(Kg)	178,805	773	251,459	16,043
	Revenues(USD)	26,132	655	16,548	28,803
Informal	Vol(Kg)	1,158,722	248,622	574,750	1,113,316
	Revenues(USD)	300,875	58,254	153,725	274,899
Total	Vol(Kg)	1,337,527.34	249,395	826,209	1,129,359
	Revenues(USD)	327,006.57	58,909	170,274	303,702
Export of other Roots and tubers					
Formal	Vol(Kg)/Number	28,000	-	37,127	3,290
	Revenues(USD)	4,341	-	7,558	7,634
Informal	Vol(Kg)/Number	34,346	130,769	376,522	626,378
	Revenues(USD)	13,005	79,845	238,577	343,444
Total	Vol(Kg)/Number	62,346	130,769	413,649	629,668
	Revenues(Frw)	17,346	79,845	246,135	351,079
Total					
Vol(Kg)	Vol(Kg)	24,620,892.71	16,131,105	32,829,990	44,647,402
Revenues(Frw)	Revenues(USD)	7,281,865.79	4,758,216	13,515,359	13,311,917

Source: NAEB

Table 6.2.10: Exports of Refined Pyrethrum

Refined Pyrethrum	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
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Formal					
Volumes (Kg)	9,864	22,231	9,329	22,084	34,267
Revenues (US\$)	1,793,782	4,117,301	1,655,350	3,769,929	5,860,109
Informal					
QTY (Kg)	-	173	-	1,614	-
Value (US\$)	-	45	-	4,896	-
Total					
Volumes (Kg)	9,864	22,404	9,329	23,698	34,267
Revenues (US\$)	1,793,782	4,117,346	1,655,350	3,774,825	5,860,109
Average Price US\$/Kg	182	184	177	159.3	171

Source: NAEB

Table 6.2.11: Exports of Essential Oils

Exports	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Vol (kg)	2,026	11,370	4,787	20,671	3,190
Revenues(US\$)	70,794	99,509	136,306	616,777	49,808
Average price/Kg (US\$)	34.95	9	28.47	29.84	15.61

Source: NAEB

Table 6.2.12: Export of live animals

Products		2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Cow export						
Formal	Vol(Number)	70,795	42,485	207,900	27,341	25,673
	Revenues(USD)	7,147,888	6,088,444	6,267,071	7,539,979	6,216,372
Informal	Vol(Number)	33,068	59,944	27,958	31,251	34,329
	Revenues(USD)	7,743,013	14,801,792	8,092,273	8,507,104	10,662,239
Total cow	Vol(Number)	103,863	102,429	235,858	58,592	60,002
	Revenues(USD)	14,890,900	20,890,236	14,359,345	16,047,083	16,878,611
Goats export						
Formal	Vol(Number)	34,249	41,367	22,348	11,919	6,745
	Revenues(USD)	516,158	157,738	480,385	394,257	243,414
Informal	Vol(Number)	89,259	96,178	102,734	115,275	110,509
	Revenues(USD)	2,564,126	3,707,265	3,770,680	3,640,090	4,065,006
Total goats export	Vol(Number)	123,508	137,545	125,082	127,194	117,254
	Revenues(USD)	3,080,284	3,865,004	4,251,066	4,034,346	4,308,420
Pigs export						
Formal	Vol(Number)	-	-	22	-	-
	Revenues(USD)	-	-	1,794	-	-
Informal	Vol(Number)	28,135	60,655	69,404	76,652	71,308
	Revenues(USD)	1,961,908	3,773,953	4,762,702	4,880,634	5,182,305
Total pigs export	Vol(Number)	28,135	60,655	69,426	76,652	71,308
	Revenues(USD)	1,961,908	3,773,953	4,764,496	4,880,634	5,182,305
Sheeps export						
Formal	Vol(Number)	5,654	30,479	2,481	2,792	837
	Revenues(USD)	81,926	139,377	55,129	77,731	19,268
Informal	Vol(Number)	20,629	17,122	10,268	12,987	9,385
	Revenues(USD)	491,455	365,014	313,562	376,826	242,094
Total sheeps export	Vol(Number)	26,283	47,601	12,749	15,779	10,222
	Revenues(USD)	573,381	504,391	368,691	454,558	261,362
Rabbits export						
Formal	Vol(Number)	-	-	-	-	-

Products		2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
	Revenues(USD)	-	-	-	-	-
Informal	Vol(Number)	24,923	45,332	8,750	15,870	7,616
	Revenues(USD)	117,434	124,033	28,204	45,651	21,579
Total rabbits export	Vol(Number)	24,923	45,332	8,750	15,870	7,616
	Revenues(USD)	117,434	124,033	28,204	45,651	21,579
Poultry export						
Formal	Vol(Number)	-	-	500	7,218	9,783
	Revenues(USD)	-	-	5,568	48,519	63,426
Informal	Vol(Number)	678,931	1,045,835	644,216	616,229	777,573
	Revenues(USD)	3,156,392	5,135,277	3,104,329	2,917,460	3,477,847
Total poultry export	Vol(Number)	678,931	1,045,835	644,716	623,447	787,356
	Revenues(USD)	3,156,392	5,135,277	3,109,898	2,965,979	3,541,273
Other livestock (mouse,Duck,turkey)						
Formal	Vol(Number)	-	-	-	-	-
	Revenues(USD)	-	-	-	-	-
Informal	Vol(Number)	14193	70,663	42,646	23,513	17,566
	Revenues(USD)	42113.9475	220,215	120,282	100,724	81,132
Total other livestock export	Vol(Number)	14,193	70,663	42646	23,513	17,566
	Revenues(USD)	42,114	220,215	120281.8624	100,724	81,132
Total general	Volume	999,836	1,510,058	1,139,227	941,046	1,071,325
	Revenues(USD)	23,822,413	34,513,109	27,001,980	28,528,976	30,274,681

Source: NAEB

Table 6.2.13: Fish Exports

Products		2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Fish Export						
Formal	Vol(Kg)	1,710,137	1,536,104	1,463,057	2,307,986	4,597,260
	Revenues(USD)	2,298,308	1,889,256	2,088,060	3,395,090	6,253,960
Informal	Vol(Kg)	1,663,206	2,194,751	6,323,948	9,854,805	7,879,493
	Revenues(USD)	2,827,652	6,591,440	11,951,797	20,146,888	20,001,298
Other fishery products	Vol (kg)	1,626,213	2,998,524	833,789	1,002,094	680,094
	Revenues(USD)	5,486,872	6,468,364	2,121,574	2,110,884	2,187,968
Total Fish export	Vol(Kg)	4,999,556	6,729,379	8,620,794	13,164,885	13,156,847
	Revenues(USD)	10,612,832	14,949,061	16,161,431	25,652,861	28,443,227

Source: NAEB

Table 6.2.14: Administrative data for artificial insemination in 2017-2018

District	Cows inseminated
Bugesera	2908
Burera	4084
Gakenke	6684
Gasabo	3223
Gatsibo	2391
Gicumbi	8938
Gisagara	4174
Huye	4133
Kamonyi	3422
Karongi	1988
Kayonza	1928
Kicukiro	1283
Kirehe	3231
Muhanga	2397
Musanze	3665
Ngoma	1884
Ngororero	1767
Nyabihu	2071
Nyagatare	2405
Nyamagabe	1296
Nyamasheke	674
Nyanza	5448
Nyarugenge	756
Nyaruguru	2311
Rubavu	1919
Ruhango	6130
Rulindo	4366
Rusizi	1438
Rutsiro	1571
Rwamagana	5477
Total	93962

Source: RAB

CHAPTER VII: WATER and ENERGY PRODUCTION

7.1 Electricity Indicators

Table 7.1.1: Electricity production by source location

Years	2017	2018
Domestic production (Kwh)	665,313,860	726,002,487
Gihira	5,479,715.12	8668436
Gisenyi	4,449,942	6105715
Jabana I	10,491,000	14587408
Jabana II	93,919,556	94363494
Rental power Gikondo		
Rental power II Mukungwa		
Rukarara I	34,806,821	44027488
Murunda	484,014	548357
Rugezi	4,984,604	11540506
Keya	5,857,614	6091900
Cymbili	303,006	867956
Mazimeru	2,229,923	2481243
Nkora	4,984,604	2504212
Gashashi		861125.915
Ntaruka I	28,851,000	25619600
Mukungwa I	55,487,225	53650223
Mukungwa II	15,437,645	832765
Solar Energy Jali	171,461	135832.786
Gaz methane		0
Musarara	926,810	2238942.7
Nshili 1	560,804	314376
Rukarara 2	12,214,327	13342681
Giciye	11,624,911	14778733
GigaWatt Global	13,766,500	13353860
Nyabarongo 1	103,334,900	132392300
SES KSEZ	12,833,833	
Nyabahanga	635,968	501053
Nyirabuhombohombo		0
Janja	56,680	0
Agatobwe	124,350	14351
Mutobo	1,290,066	1410218
Nyamyotsi 2		0
Nyamyotsi 1		0
SOEnergyMukungwa		10618332
SOEnergy Masoro		6192930.838
SES CIMERWA	4,357	
Kivu Watt	201,934,084	202662141.8
GICIYE 2	11,627,072	14243547
Gishoma peat	25,358,955	31218055
Gaseke	1,082,113	1433131
SOEnergy Birembo		197206
Nasho solar		4434506.36
Rwaza		3,769,861.00

Source: REG

Table 7.1.2: Electricity Customers

Province	Branches	2017	2018
Kigali	Kigali	201,016	230,770
North	Burera	15,604	20,248
	Gakenke	12,125	16,561
	Gicumbi	16,457	24,142
	Musanze	33,583	38,098
	Rulindo	14,716	20,877
	Total	92,485	119,926
South	Gisagara	9,529	19,789
	Huye	18,389	23,217
	Kamonyi	15,835	17,057
	Muhanga	18,976	25,461
	Nyamagabe	10,390	15,048
	Nyanza	10,653	19,211
	Nyaruguru	8,702	10,555
	Ruhango	22,875	24,819
	Total	115,349	155,157
East	Bugesera	29,875	33,744
	Gatsibo	12,654	14,803
	Kayanza	23,428	19,761
	Kirehe	19,166	24,945
	Ngoma	16,650	22,776
	Nyagatare	33,581	37,184
	Rwamagana	22,889	36,594
	Total	158,243	189,807
West	Karongi	16,199	20,139
	Ngororero	12,457	18,186
	Nyabihu	13,842	18,323
	Nyamasheke	21,012	26,865
	Rubavu	35,558	41,352
	Rusizi	37,284	40,594
	Rutsiro	11,117	16,991
	Total	147,469	182,450
General Total	33	714,562	878,110

Source: REG

Table 7.1.3: Electricity Exportation and importation (Kwh)

	2017	2018
Total exportation	4,242,278.88	4,279,747.3
Cyanika - Gisoro	3,930,278.88	3,766,630.3
Mururu II	312,000	220,000
Goma	0	
Kamanyora		293,117
Total importation	77,224,024.8	93,679,285.4
Rusizi I (SNEL)	19,670,004	21,136,730
Rusizi II (SNELAC)	44,798,400	64,170,000
Kabale (UEB)	12,755,620.8	8,372,555.4

Source: REG

Table 7.1.4: Electricity consumption (Kwh)

Category	2017	2018
Industries	149,418,381.00	
Household service	142,341,521.00	
Domestic/Residential		106,038,834.60
Non-Residential:		204,222,606.30
Water Pumping Station		23,526,859.50
Water Treatment Plant		30,742,598.00
Telecom towers		46,055,815.20
Hotels		36,079,606.90
Industrial		148,157,018.50
Broadcasters		1,329,671.60
Own Consumption		1,211,929.00
Street Lighting		3,936,607.00
Health facilities		4,765,952.70

Source: REG

Table 7.1.5: Electricity new tariff for industries and domestic used

		2013		2014		2015	
		VAT Exclusive	VAT Inclusive	VAT Exclusive	VAT Inclusive	VAT Exclusive	VAT Inclusive
Domestic		134	158	105	-	182	215
Time of Use Tariff for Industries							
Low	23h00 -7h00	96	113	80	-	182	215
Medium	7h00 - 17h00	126	149	105	-	126	149
High	17h00 - 23h00	168	198	140	-	126	149

Source: REG

7.2 Water Indicators

Table 7.2.1: Water production by source location in (m³)

Water Treatment Center	Location	2015	2016-2017	2017-2018	2018-2019
Kimisigara	Nyarugenge District	9,567,277	10,325,948	9,475,874	8,325,609
Karenge	Rwamagana District	5,538,994	5,625,855	5,469,106	5,356,167
Gihira	Rubavu District	3,184,445	3,121,998	3,318,498	3,222,210
Nzove	Nyarugenge District	8,675,946	14,589,625	14,469,481	18,712,348
Kadahokwa	Huye District	2,121,491	2,072,293	1,806,474	2,042,744
Mutobo	Musanze District	3,423,180	2,442,878	2,488,960	2,643,930
Cyunyu	Rusizi District	1,266,399	1,020,021	1,627,565	1,412,288
Gihuma	Muhanga District	863,612	998,211	1,005,096	1,177,177
Muhazi	Rwamagana District	1,135,704	1,232,124	1,539,900	1,717,116
Rwasaburo	Ngoma District	438,926	473,781	565,697	644,463
Nyamabuye	Gicumbi District	528,899	579,391	573,490	567,359
Gisuma	Nyamagabe District	457,138	656,357	500,767	531,966
Mata&Nyabima	Nyaruguru District	434,690	.	0	0
Nyagatare	Nyagatare District	1,776,824	1,922,027	2,354,791	2,726,009
Gatsibo	Gatsibo District	564,237	.	0	0
Mpanga	Nyanza District	679,017	923,858	1,185,190	1,209,382
Kanyabusage	Karongi District	761,597	460,370	443,349	438,359
Ngenda	Bugesera District	1,156,649	1,264,496	1,258,140	1,251,630
Shyogwe-Mayaga	Ruhango-Kamonyi District	0	0	0	294,533
Kanyonyomba	Bugesere	0	0	0	115,299
Total		42,577,040	47,709,233	48,082,378	52,388,588

Source: WASAC

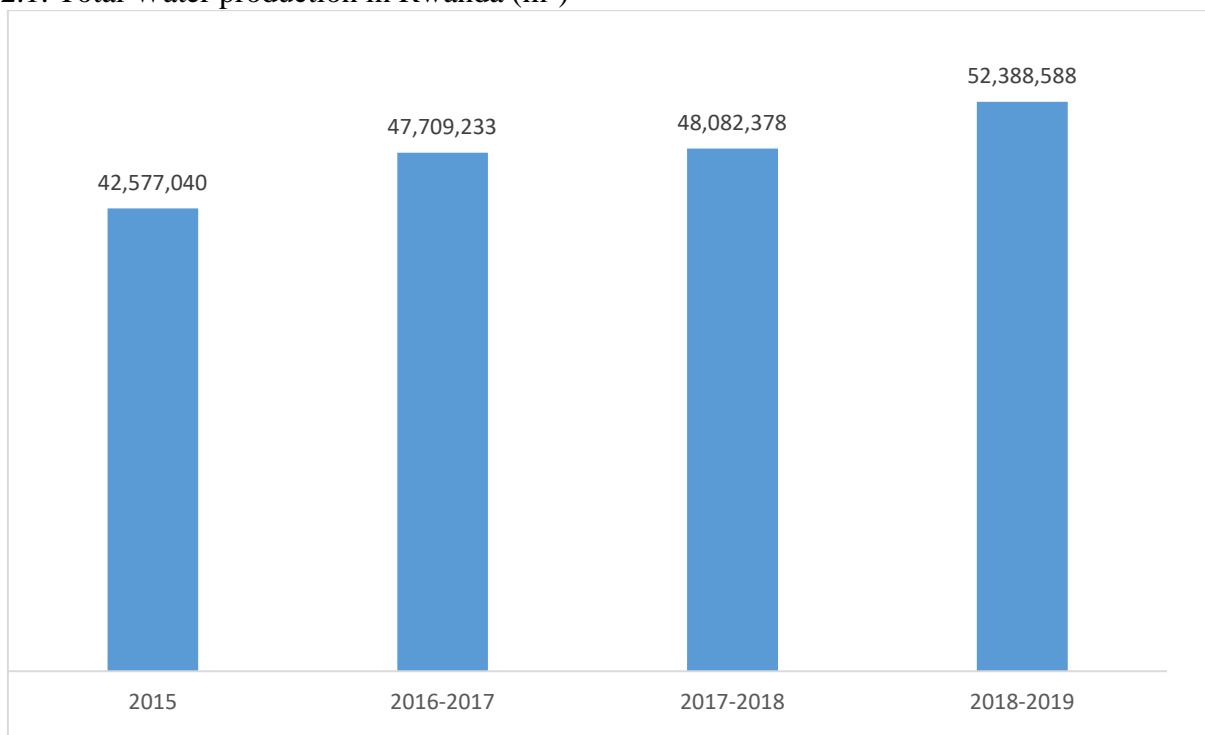
Figure 7.2.1: Total Water production in Rwanda (m³)

Table 7.2.2: Consumption price by quantity

	2015	2016-2017	2017-18	2018-2019
0-5m3	323	323	323	340
6-20m3	323	323	323	720
21-50m3	331	331	331	845
51-100m3	413	413	413	877
>101m3	847	847	847	877
Industries	736	736	736	736

Source: WASAC

Table 7.2.3: Water Customers

Province	Branches	2015-2016	2016-2017	2017-2018	2018-2019
North	Gicumbi	3,381	3,632	3,835	4,038
	Rulindo	-	-	-	-
	Musanze	10,873	12,141	12,740	13,998
	Total	14,254	15,773	16,575	18,036
South	Muhanga	6,226	6,852	7,683	8,596
	Nyanza	2,747	3,076	3,540	3,967
	Ruhango	2,269	2,817	3,753	4,331
	Nyamagabe	2,728	2,998	2,344	2,491
	Huye	6,661	7,156	7,039	7,482
	Total	20,631	22,899	24,359	26,867
East	Nyagatare	7,256	8,441	8,922	9,969
	Ngoma	2,925	3,330	3,525	3,820
	Rwamagana	10,434	11,549	12,167	13,026
	Nyamata	7,199	8,343	8,767	9,481

Province	Branches	2015-2016	2016-2017	2017-2018	2018-2019
	Total	27,814	31,663	33,381	36,296
West	Rusizi	7,219	8,265	5,814	6,478
	Karongi	3,868	4,380	4,580	4,778
	Rubavu	8,802	9,358	9,399	9,832
	Total	19,889	22,003	19,793	21,088
Kigali	Total/Kigali	91,446	100,631	101,628	109,826
Total billed		174,034	192,969	195,736	212,113
Not billed		0	0	8,128	1,593
Total customer		174,034	192,969	203,864	213,706

Source: WASAC

Figure 7.2.2: Water Customers by year in Rwanda

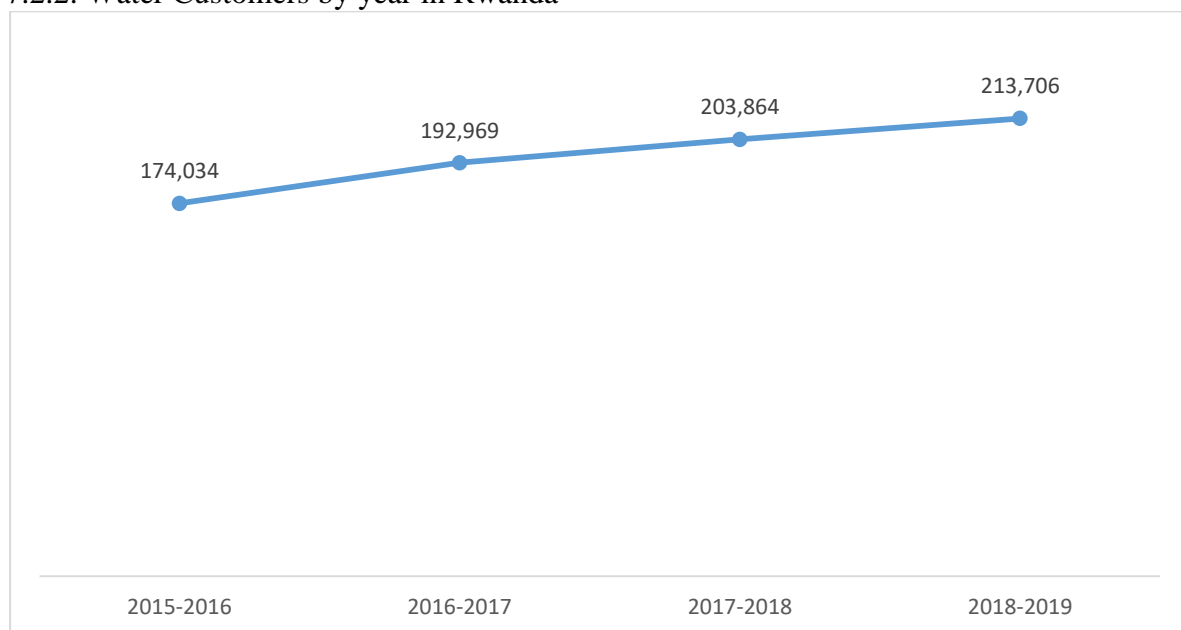


Table 7.2.4: Water Consumption in (m³)

	2015	2016-17	2017-18	2018-19
1. Industries	1,164,720	1,436,592	1,441,020	1,490,064
2. Residential	20,118,960	21,801,540	22,114,428	18,382,185
3. Commercial	935,820	1,016,004	964,656	8,839,530
4. Public/Institutions	1,627,452	1,921,332	2,143,836	0
5. Public Tapes	1,907,376	2,301,300	2,112,312	2,081,253

Source: WASAC

CHAPTER VIII: TRANSPORTATION and COMMUNICATION

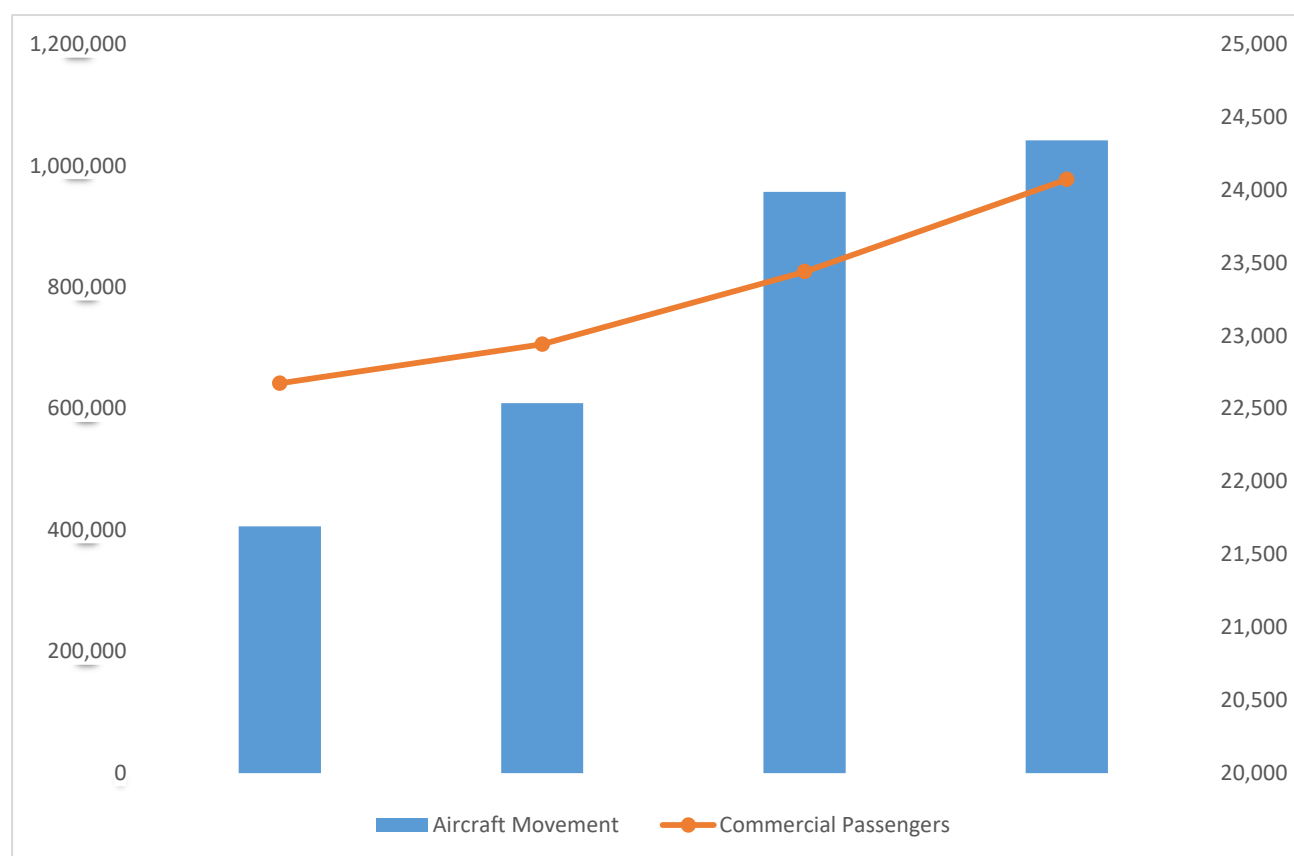
8.1 Aircraft

Table 8.1.1: Aircraft movements, Commercial passengers and Cargo

	2015	2016	2017	2018
1. Aircraft Movement				
a) Passenger & Combination Aircraft	16,173	16,810	18,567	18,192
b) All Cargo Aircrafts	703	861	764	772
c) Total Air Transport movement (a+b)	16,876	17,671	19,331	18,964
d) General Aviation and other Aircraft Movements	4,817	4,868	4,658	5,378
Total Aircraft movements (c+d)	21,693	22,539	23,989	24,342
2. Commercial Passengers				
a) International Passengers(emplaned+deplaned)	520,863	560,551	584,657	679,948
b) Domestic passengers (emplaned+deplaned)	13,326	22,716	19,892	19,281
c) Total terminal passengers (a+b)	534,189	583,267	604,549	699,229
d) Transfer passengers	107,628	122,808	221,036	278,402
Total passengers (c+d)	641,817	706,075	825,585	977,631
3. Cargo (Freight&Mail) in Metric Tonnes				
a) International Freight (loaded+unloaded)	7,577.46	6,660.87	8,226.09	10,732.41
b) Domestic Freight(Loaded+unloaded)	0	0	0	0
c) Total Freight (loaded + unloaded)	7,577.46	6,660.87	8,226.09	10,732.41
d) Total Mailn(loaded+unloaded)	304.96	249.86	266.55	339.70
Total Cargo (c+d)	7,882.42	6,910.72	8,492.64	11,072.11

Source: Rwanda Civil Aviation Authority

Figure 8.1.1: Evolution of Aircraft Movements and Commercial air passengers



8.2 Land Transport

Table 8.2.1: Classification of roads in (km)

Year	2011	2012	2013	2014	2015	2016	2017	2018
National paved Roads	1,205.28	1,224	1,211	1,291	1,279	1,305	1,355	1,384.5
National unpaved Roads	1,654	1,636	1,538	1,536	1,470	1,444	1,394	1,365
District and Kigali City roads and other of other urban areas: Class 1 Unpaved	1,838.4	1,838.4	3,848	3,831	3,828	3,817	3,805	3,799.67
District and Kigali City roads and other of other urban areas: Class 1 Paved	-	-	58	75	78	89	101	106
Total (km)	4,698	4,698	6,655	6,655	6,655	6,655	6,655	6,655

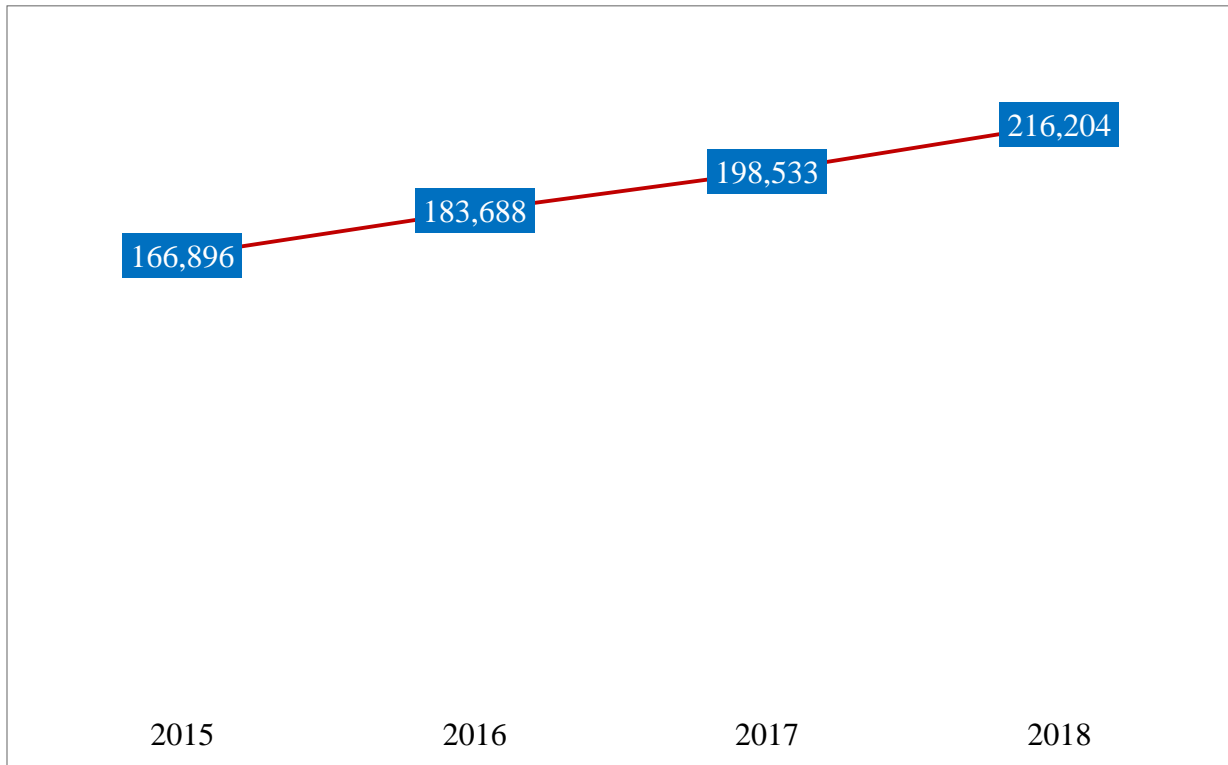
Source: RTDA

Table 8.2.2: Cumulative Number of vehicles registered by categories

Category	Cumulative up to 31-12-2015	Cumulative up to 31-12-2016	Cumulative up to 31-12-2017	Cumulative up to 31-12-2018
Caterpillar	103	124	140	145
Bus	1,060	1,265	1,465	1,576
Trucks	4,933	6,022	6,851	7,694
Pick-up	16,372	17,213	17,940	18,618
Special Engine	1,186	1,719	2,249	2,856
Jeeps	20,191	22,188	24,344	26,715
Microbus	267	556	1,032	1,466
Minibus	6,154	6,275	6,336	6,411
Cars	30,214	33,063	35,060	36,951
Motors	85,239	94,038	101,829	112,404
Trailers	886	919	934	976
Semi-trailers	217	231	277	316
Tricycle	73	73	73	73
Unknown	1	2	3	3
Total	166,896	183,688	198,533	216,204

Source: RRA

Figure 8.2.1: Cumulative number of Registered Vehicles in Rwanda



8.3 Communication

Table 8.3.1: Key Communication indicators

Indicators	2015	2016	2017	2018
Fixed telephone teledensity %	0.15	0.12	0.1	0.1
Mobile telephone teledensity %	77.8	79.21	76.5	82.1
Total telephone teledensity %	77.95	79.33	76.6	82.2
MTN Rwanda Ltd Active Mobile telephone subscriptions	4,119,188	4,072,523	3,728,237	4,668,202
TIGO Rwanda Ltd Active Mobile telephone subscriptions	3,061,642	3,252,625	3,456,601	5,032,407
AIRTEL Rwanda Ltd mobile telephone subscriptions	1,578,789	1,596,385	1,634,379	
Total Mobile Subscriptions	8,759,619	8,921,533	8,819,217	9,700,609
MTN Rwanda Ltd Fixed telephone subscribers	15,497	2,494	2,020	2,780
TIGO Rwanda Ltd Fixed telephone subscribers		9,464	9,519	9,521
AIRTEL Rwanda Ltd Fixed telephone subscribers		10	11	
Liquid Telecom Ltd Fixed telephone subscribers	1,486	1,435	783	659
Total Fixed Telephones subscribers	16,983	13,403	12,333	12,960
Population Network coverage by mobile cellular networks	99.98	99.92	99.92	99.92
Geographic Network coverage %	99.11	99.13	99.13	99.13
Number Radio broadcasters	32	31	35	34
Number Pay TV Operators	3	3	4	4

Source: RURA

Table 8.3.2: Cumulative registered vs Active Pay TV Subscribers

		2015	2016	2017	2018
Registered	Star Africa Media	196,305	207,187	225,000	246,000
	Tele 10	19,568	19,568	22,599	25,005
	Azam Media ltd	2,413	4,371	9,647	7,978
	Kwesé TV			634	780
Active	Total	218,286	231,126	257,880	279,763
	Star Africa Media	47,143	41,649	50,003	39,500
	Tele 10	12,896	12,896	14,877	15,665
	Azam Media ltd	857	1,884	4,037	3,632

Table 8.3.3: Number of internet subscribers per operator

Companies	2015	2016	2017	2018
LIQUID TELECOM Ltd	383	456	1,218	1,736
MTN Rwanda Ltd	1,593,516	1,633,228	2,686,924	3,448,370
Tigo Rwanda Ltd.	1,505,888	1,505,888	1,855,070	2,673,245
Airtel Rwanda Ltd	681,676	971,443	693,514	
ISPA	154	243	184	175
4G Network Ltd	256	68	71	
BSC Ltd	2,264	3,944	6,211	10,270
Axiom Networks Ltd	106	101	77	240
GMAX LTD	109	156	239	384
POPCONN Ltd	280	1,726	4,693	5,969
TRUCONNECT	73	90	1,827	627
TNSP		583	381	232
4NET Africa Ltd	45	30	48	64
Universalinks Group Ltd		1,135	630	
Piramie INC		669	1,060	1,350
Simba Supermarket			316	205
ISCO ISP Ltd			533	277

Source: RURA

Table 8.3.4: Access to post and courier service 2015 to 2018

Designation	2015	2016	2017	2018
Ordinary letter				
Domestic Service	66,144	64,174	61,250	58,326
International service dispatch	194,184	174,706	136,502	118,299
International service receipt	235,107	195,342	148,153	132,962
EXPRESS MAILS SERVICE				
Domestic Service	194,967	164,881	159,043	164,125
International service dispatch	5,308	5,495	4,459	5,479
International service receipt	3,281	2,963	2,548	2,556
Parcels				
Domestic Service	0	0	0	0
International service dispatch	880	703	643	2,302
International service receipt	6,555	6,451	6,692	6,017

Source: ONP

8.4 Road Transport Services

Table 8.4.1: Trend in the number of licensed road transport operators per category

Category	2015	2016	2017	2018
Public transport companies and cooperatives	53	47	46	47
Taxi cab companies and cooperatives	49	53	55	36
Rental car hires companies and cooperatives	15	30	29	23
Transport of goods companies and cooperatives	35	25	28	25
Driving Schools	74	91	92	70

Source: RURA

Table 8.4.2: Types of cars used in the road transportation of persons

Types of cars	2015	2016	2017	2018
Minibuses	2,679	2,023	1,928	1,208
Coasters	1,123	1,468	1,439	1,437
Buses	261	273	261	370
Total	4,063	3,764	3,628	3,015

Source: RURA

CHAPTER IX: TRAVEL and TOURISM

9.1 Travel

Table 9.1.1: Visitor Arrivals in Rwanda by Region and Mode of Transport

YEAR	Region								Total	
	Africa		Americas		Europe		Other		Tourist Arrivals	
2013										
Air	61,373	6	22,702	62	32,968	54	16,188	45	133,231	12
Land	926,661	94	13,999	38	28,412	46	19,847	55	988,919	88
Total	988,034	100	36,701	100	61,380	100	36,035	100	1,122,150	100
2014										
Air	57,101	5	19,574	56	31,584	51	14,557	45	122,816	10
Land	1,033,130	95	15,462	44	30,276	49	17,845	55	1,096,713	90
Total	1,090,231	100	35,036	100	61,860	100	32,402	100	1,219,529	100
2015										
Air	81,797	7	26,935	69	43,155	60	18,777	57	170,664	13
Land	1,072,621	93	12,115	31	28,957	40	14,115	43	1,127,808	87
Total	1,154,418	100	39,050	100	72,112	100	32,892	100	1,298,472	100
2016										
Air	95,732	8	29,956	74	47,462	69	21,503	44	194,653	14
Land	1,136,745	92	10,608	26	21,137	31	27,875	56	1,196,365	86
Total	1,232,477	100	40,564	100	68,599	100	49,378	100	1,391,018	100
2017										
Air	95,698	7	33,429	71	51,196	68	22,335	46	202,658	13
Land	1,301,389	93	13,327	29	24,101	32	26,468	54	1,365,285	87
Total	1,397,087	100	46,756	100	75,297	100	48,803	100	1,567,943	100

Source: RDB/ ORTPN & Directorate General of Immigration and Emigration

Table 9.1.2: Visitor Arrivals in Rwanda by Purpose of Visit and Mode of Transport

Year	Holiday/Vacation		Visiting Friends & Relatives (VFR)		Business /Conference/ Official		Transit		Other Purposes		Total Tourist Arrivals	
	N	%	N	%	N	%	N	%	N	%	N	%
2013												
Air	37,117	36	22,212	7	51,482	12	20,734	45	1,686	1	133,231	12
Land	66,669	64	305,784	93	367,700	88	25,676	55	223,075	99	988,904	88
Total	103,786	100	327,996	100	419,182	100	46,410	100	224,761	100	1,122,135	100
2014												
Air	27,621	26	24,849	6	48,907	12	20,173	41	1,266	0	122,816	10
Land	77,592	74	373,262	94	346,437	88	28,757	59	270,665	100	1,096,713	90
Total	105,213	100	398,111	100	395,344	100	48,930	100	271,931	100	1,219,529	100
2015												
Air	29,730	35	49,298	10	57,469	14	32,731	55	1,453	1	170,681	13
Land	55,912	65	426,877	90	352,241	86	26,386	45	266,375	99	1,127,791	87
Total	85,642	100	476,175	100	409,710	100	59,117	100	267,828	100	1,298,472	100
2016												
Air	36,183	64	57,913	13	66,808	16	31,294	7	2,455	6	194,653	14
Land	20,593	36	389,929	87	345,906	84	401,028	93	38,909	94	1,196,365	86
Total	56,776	100	447,842	100	412,714	100	432,322	100	41,364	100	1,391,018	100
2017												
Air	41,056	35	54,131	11	67,354	15	35,400	8	4,717	6	202,658	13
Land	75,836	65	420,839	89	393,090	85	406,495	92	69,025	94	1,365,285	87
Total	116,892	100	474,970	100	460,444	100	441,895	100	73,742	100	1,567,943	100

Source: RDB/ Tourism & Conservation & Directorate General of Immigration and Emigration

Table 9.1.3: Visitor Arrivals in Rwanda by Purpose of Visit and country of origin

Region/Year	Purpose of Visit											
	Holiday / Vacation		Visiting Friends & Relatives (VFR)		Business/ Conference/ Official		Transit		Other Purposes		Total Tourist Arrivals	
	N	%	N	%	N	%	N	%	N	%	N	%
2013												
Africa	58,809	57	309,410	94	383,808	92	20,851	45	215,156	96	988,034	88
America	15,960	15	6,208	2	8,237	2	4,941	11	1,355	1	36,701	3
East Asia/Pacific	5,180	5	1,316	0	5,249	1	2,597	6	481	0	14,823	1
Europe	21,428	21	9,147	3	13,599	3	12,247	26	4,959	2	61,380	5
Middle East	381	0	448	0	766	0	1,491	3	98	0	3,184	0
South Asia	1,927	2	1,417	0	7,239	2	4,109	9	2,699	1	17,391	2
UN	101	0	50	0	284	0	174	0	13	0	622	0
Total	103,786	100	327,996	100	419,182	100	46,410	100	224,761	100	1,122,135	100
2014												
Africa	65,747	62	377,583	95	364,690	92	19,184	39	263,027	97	1,090,231	89
America	13,792	13	6,210	2	6,817	2	6,348	13	1,869	1	35,036	3
East Asia/Pacific	4,131	4	1,500	0	4,076	1	2,063	4	137	0	11,907	1
Europe	19,285	18	10,538	3	12,377	3	15,028	31	4,632	2	61,860	5
Middle East	427	0	587	0	711	0	1,112	2	93	0	2,930	0
South Asia	1,782	2	1,635	0	6,479	2	5,032	10	2,173	1	17,101	1
UN	49	0	58	0	194	0	163	0	0	0	464	0
Total	105,213	100	398,111	100	395,344	100	48,930	100	271,931	100	1,219,529	100
2015												
Africa	50,412	59	440,551	93	377,437	92	29,799	50	256,219	96	1,154,418	89
America	12,901	15	10,738	2	6,954	2	6,071	10	2,386	1	39,050	3
East Asia/Pacific	2,157	3	1,729	0	2,154	1	2,071	4	485	0	8,596	1
Europe	16,684	19	17,937	4	13,712	3	17,499	30	6,280	2	72,112	6
Middle East	405	0	851	0	963	0	860	1	81	0	3,160	0
South Asia	2,975	3	3,956	1	8,216	2	2,421	4	2,372	1	19,940	2
UN	108	0	413	0	274	0	396	1	5	0	1,196	0
Total	85,642	100	476,175	100	409,710	100	59,117	100	267,828	100	1,298,472	100

2016												
Africa	21,129	37	404,830	90	376,943	91	389,334	90	40241	97	1,232,477	89
America	13,538	24	12,294	3	7,784	2	6,565	2	383	1	40,564	3
East Asia/Pacific	3,939	7	3,626	1	4,477	1	2,752	1	72	0	14,866	1
Europe	16,263	29	21,376	5	16,373	4	14,116	3	471	1	68,599	5
Middle East	469	1	1,139	0	1,190	0	781	0	52	0	3,631	0
South Asia	1,215	2	3,712	1	5,233	1	17,946	4	136	0	28,242	2
UN	223	0	865	0	714	0	828	0	9	0	2,639	0
Total	56,776	100	447,842	100	412,714	100	432,322	100	41,364	100	1,391,018	100
2017												
Africa	75,783	65	428,669	90	424,122	92	396,994	90	71451	97	1,397,019	89
America	16,001	14	12,804	3	7,973	2	9,145	2	833	1	46,756	3
East Asia/Pacific	4,875	4	4,349	1	4,507	1	1,930	0	207	0	15,868	1
Europe	18,165	16	22,951	5	16,947	4	16,184	4	1,050	1	75,297	5
Middle East	339	0	1,035	0	1,193	0	466	0	39	0	3,072	0
South Asia	1,522	1	4,267	1	5,253	1	16,281	4	155	0	27,478	2
UN	207	0	895	0	449	0	895	0	7	0	2,453	0
Total	116,892	100	474,970	100	460,444	100	441,895	100	73,742	100	1,567,943	100

Source: RDB/ Directorate General of Immigration and Emigration

Table 9.1.4: Entry and Exits by purpose of movements from January 2014 to June 2015

	Purpose of movements	Visit	Business	Transit	Other purposes	Total
Jun-15	Entry	27,749	81,710	16,523	520	126,513
	Exit	71,955	147,670	34,211	17,110	271,451
May-15	Entry	40,684	131,642	58,180	15,495	247,079
	Exit	87,991	159,419	54,158	18,814	320,382
Apr-15	Entry	38,669	153,040	110,027	27,066	328,802
	Exit	69,603	146,216	44,402	42,744	302,965
Mar-15	Entry	50,668	181,068	43,323	45,861	346,333
	Exit	86,545	186,764	88,992	57,142	419,447
Feb-15	Entry	44,754	147,738	103,309	18,366	314,167
	Exit	79,935	158,217	64,098	26,563	338,741
Jan-15	Entry	47,673	131,649	92,219	24,55	273,996
	Exit	80,363	99,105	64,098	16,729	260,295
Dec-14	Entry	49,592	1,382,397	110,944	24,382	323,157
	Exit	60,936	128,833	81,440	33,182	304,391
Nov-14	Entry	50,899	170,067	108,362	35,407	364,735
	Exit	66,504	179,191	76,034	50,977	372,706
Oct-14	Entry	48,918	182,326	111,184	34,524	376,952
	Exit	83,539	161,821	91,409	44,985	381,754
Sep-14	Entry	53,961	131,490	121,516	69,480	376,447
	Exit	80,409	159,961	101,933	42,623	384,926
Aug-14	Entry	53,962	162,675	118,705	35,990	371,332
	Exit	82,987	170,698	97,234	38,060	388,979
Jul-14	Entry	53,329	122,826	110,566	61,203	347,924
	Exit	72,410	161,575	99,548	34,640	368,173
Jun-14	Entry	56,742	127,859	104,268	34,312	323,181
	Exit	66,457	138,734	82,328	39,842	327,361
May-14	Entry	41,726	147,006	106,665	35,213	330,610
	Exit	87,748	124,405	80,583	50,798	343,534
Apr-14	Entry	38,669	153,040	110,027	27,066	328,802
	Exit	72,778	125,204	79,389	60,652	338,023
Mar-14	Entry	50,746	168,386	105,039	43,026	367,197
	Exit	76,793	130,406	71,717	81,282	360,198
Feb-14	Entry	42,322	154,542	92,475	34,336	323,657
	Exit	60,207	164,840	70,814	71,793	367,654
Jan-14	Entry	49,141	188,892	124,261	29,984	392,278
	Exit	75,107	161,713	71,380	81,666	389,866

Source: Directorate General of Immigration and Emigration

9.2 Tourism

Table 9.2.1: Parks Visits from 2005-2017

Year	Volcanoes National Park		Akagera National Park		Nyungwe National Park		Total
	Number	%	Number	%	Number	%	
2005	10,495	44	11,239	47	2,386	10	24,120
2006	14,008	45	13,720	45	3,088	10	30,816
2007	18,001	47	16,323	43	3,981	10	38,305
2008	19,783	46	18,490	43	4,810	11	43,083
2009	18,865	49	14,890	39	4,695	12	38,450
2010	23,372	52	16,180	36	5,755	13	45,307
2011	26,821	47	22,457	39	8,274	14	58,153
2012	28,483	47	25,200	41	7,621	12	61,304
2013	25,199	41	29,687	48	6,902	11	61,788
2014	27,885	41	30,846	45	9,140	14	67,871
2015	27,111	37	36,862	51	8,817	12	72,790
2016	32,743	37	41,797	47	13,644	15	88,184
2017	35,567	38	44,054	47	14,415	15	94,036

Source: RDB

Table 9.2.2: Number of visitors in different National park by nationality

Year	Rwandan Residents		Foreign Residents		Foreign Visits		Totals
	Number	%	Number	%	Number	%	
2008	9,790	23	3,142	7	30,151	70	43,083
2009	7,861	20	3,555	9	27,034	70	38,450
2010	10,263	23	4,253	9	30,791	68	45,307
2011	13,172	23	5,770	10	39,211	67	58,153
2012	14,291	23	5,988	10	41,025	67	61,304
2013	16,646	27	6,737	11	38,405	62	61,788
2014	18,223	27	6,440	9	43,208	64	67,871
2015	22,775	31	7,256	10	42,759	59	72,790
2016	26,567	30	8,580	10	53,037	60	88,184
2017	26,107	28	9,897	11	58,032	62	94,036

Source: RDB

Table 9.2.3: Number of Accommodation facilities and rooms per districts

District	Categories	2011	2012	2013	2014	2015	2016	2017
Bugesera	Number of Hotels	1	1	4	4	6	6	6
	Number of Rooms	52	52	83	83	231	231	239
Burera	Number of Hotels	1	1	1	1	2	2	2
	Number of Rooms	9	9	9	9	43	43	43
Gasabo	Number of Hotels	81	83	104	105	106	113	123
	Number of Rooms	1,695	1,734	2,409	2,430	2,577	2,945	3,125
Gicumbi	Number of Hotels	5	5	6	6	6	6	6
	Number of Rooms	74	74	106	106	106	106	106
Huye	Number of Hotels	19	19	21	21	23	26	26
	Number of Rooms	450	450	520	520	533	602	602
Karongi	Number of Hotels	5	6	6	6	6	6	6
	Number of Rooms	198	238	238	238	238	238	238
Kayonza	Number of Hotels	3	5	5	5	5	5	5
	Number of Rooms	73	87	87	87	87	87	97
Kicukiro	Number of Hotels	41	42	48	48	48	40	40
	Number of Rooms	447	477	477	477	477	820	820
Kirehe	Number of Hotels	1	3	3	4	4	4	4
	Number of Rooms	9	27	47	47	47	47	47
Muhanga	Number of Hotels	18	18	18	19	25	25	26
	Number of Rooms	308	308	316	316	399	399	421
Musanze	Number of Hotels	48	51	51	50	48	50	51
	Number of Rooms	760	821	821	761	936	974	1,002
Ngoma	Number of Hotels	5	5	6	6	6	6	6
	Number of Rooms	73	73	167	167	167	167	167
Nyagatare	Number of Hotels	4	5	5	5	5	5	5
	Number of Rooms	100	125	125	125	125	125	125
Nyamagabe	Number of Hotels	6	6	7	7	7	7	7
	Number of Rooms	97	97	130	130	130	130	130
Nyamasheke	Number of Hotels	1	1	2	2	2	2	3
	Number of Rooms	24	24	36	36	36	36	58
Nyanza	Number of Hotels	3	3	4	4	4	4	4
	Number of Rooms	45	45	79	79	79	79	79
Nyarugenge	Number of Hotels	44	47	64	64	58	61	82
	Number of Rooms	1,076	1,149	1,281	1,281	1,343	1,729	2,212
Rubavu	Number of Hotels	59	59	62	62	62	64	66
	Number of Rooms	735	735	765	765	765	805	871
Ruhango	Number of Hotels	2	2	2	2	2	2	2
	Number of Rooms	16	16	16	16	16	16	16
Rusizi	Number of Hotels	10	10	12	12	12	12	12
	Number of Rooms	196	196	240	240	240	240	240

District	Categories	2011	2012	2013	2014	2015	2016	2017
Rutsiro	Number of Hotels						1	1
	Number of Rooms						38	38
Rwamagana	Number of Hotels	3	3	3	3	3	3	3
	Number of Rooms	63	63	63	90	90	90	90
Rwanda (Total)	Total Number of Hotels	360	375	431	436	440	450	486
	Total Number of Rooms	6,500	6,800	7,968	8,003	8,665	9,947	10,766

Source: RDB

Figure 9.2.1: Accommodation facilities in Rwanda

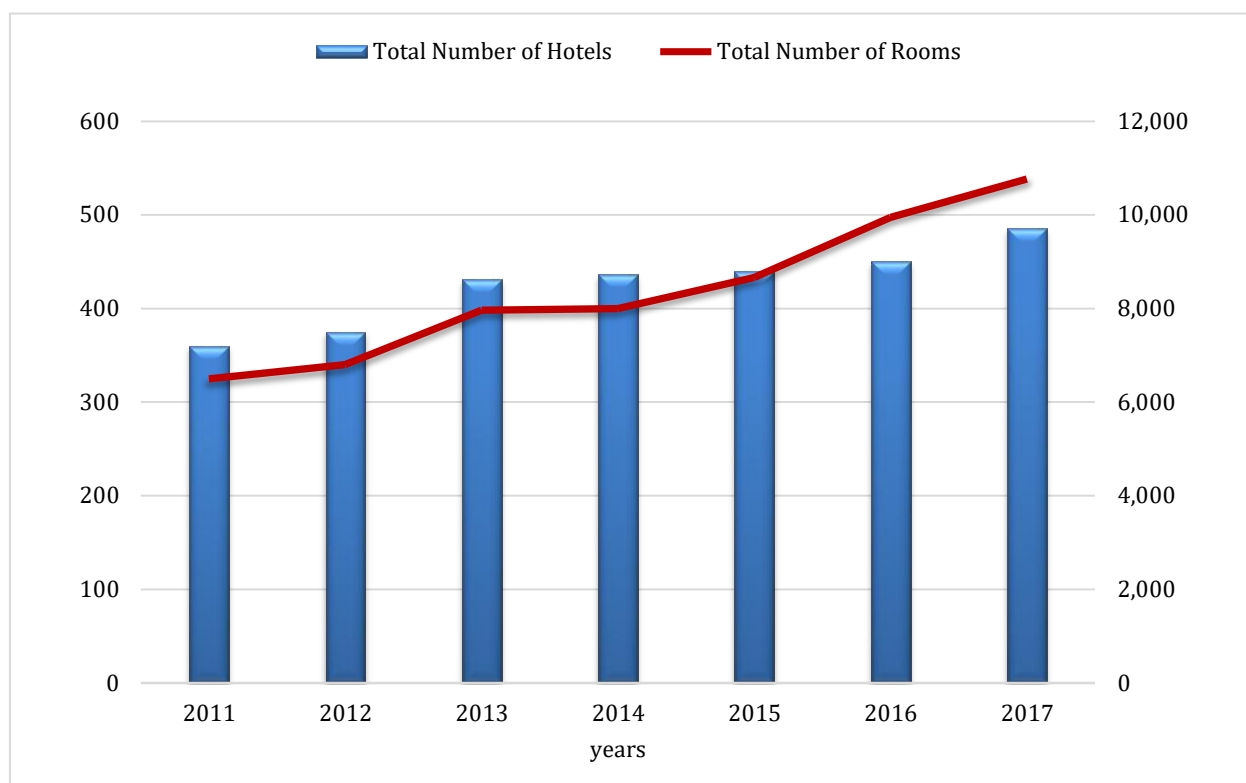


Table 9.2.4: Number of Gorillas

	2011	2012	2013	2013	2014	2015	2016	2017
Number of Gorillas Families	17	18	18	18	18	18		
New born	28	13	18	24	18	24	22	19
Total number of monitored gorillas	287	281	292	305				

Source: RDB

Table 9.2.5: Investment past performance and Job created by year

Year	2015	2016	2017	2018
Investment in \$	1,068,688,552.67	1,181,701,762.93	1,673,009,855.00	1,145,979,369.23
Jobs to create	11,517	13,517	37,548	24,946

Source: RDB

Table 9.2.6: Foreign Direct Investment Flows, 2012 - 2016 (US\$ Million)

Partner State		Rwanda						
Source		Tanzania	Uganda	Kenya	Burundi	Total	Rest of World	Total
2012	No of Projects	1	1	3	0	5	71	76
	Values	1	1	7	0	8	466.79	474.9
2013	No of Projects	2	3	5	0	10	51	61
	Values	3	1	9	0	13	632.3	644.85
2014	No of Projects	1	2	4	0	7	47	54
	Values	2	19	5	0	26	333.41	359.61
2015	No of Projects	2	3	4	0	9	73	82
	Values	6	3	22	0	30.5	815.1	845.6
2016	No of Projects	3	3	1	3	10	38	48
	Values	6.2	76.4	1.5	36.1	120.2	479.9	600.1

Source: RDB

Table 9.2.7: Number of Jobs Created through Foreign Investments, 2012-2016

Country	Year				
	2012	2013	2014	2015	2016
Rwanda	17,311	3,845	5,169	6,921	8,033

Source: RDB

Table 9.2.8: Rwanda's ten major sources of investment 2015-2017

Country	Number of Projects	Employment	Value (Million US\$)
2015			
United States of America	14	1,304	218.9
German	2	77	108.8
Mauritius	3	476	97.6
Saudi Arabia	1	60	72.9
Sweden	2	33	56.8
Netherlands	1	230	41.7
India	11	815	40.4
Oman	1	219	40.4
China	9	406	36.4
British Virgin Island	1	100	17.7
Subtotal	45	3,720	731.5
Other countries (incl. Rda)	99	7,285	333.8
Total	144	11,005	1,065.30
2016			
United Kingdom	2	734	181.1
Uganda	3	64	76.4
China	6	959	44.9
Portugal	1	15	44
United States of America	3	591	42.8
Burundi	3	381	36.1
Canada	2	2,690	33.3
Singapore	2	346	31.1
Syria	1	173	29.8
India	8	780	29.8
Subtotal	31	6,733	549.2
Other countries (incl. Rda)	80	6,544	610.6
Total	111	13,277	1,160
2017			
Poland	1	1,834	398.68
United Kingdom	8	3,566	202.40
India	15	1,948	84.53
Germany	2	147	64.02
CHINA	14	1,974	56.76
Uganda	1	95	49.78
United Arab Emerates	2	280	35.30
UAE	2	130	33.00
Bangladesh	2	788	28.71
United States of America	4	295	28.31
Subtotal	51	11,057	981.51
Other countries (incl. Rda)	86	26,491	691.50
Total	137	37,548	1,673.01

Source: RDB

Table 9.2.9: Rwanda's Sectoral Distribution of Foreign Investment 2016 and 2017

Sector	2016			2017		
	No. of projects	Amount (US\$ m)	Employment	No. of projects	Amount (US\$ m)	Employment
Agriculture, fishing, forestry & hunting	3	39	2,432	7	56.59	2,661
Construction	7	64	634	11	23.30	2,089
Manufacturing	18	141	1,455	10	465.41	2,938
Mining & Quarrying	2	33	573	6	139.82	4,313
Finance, Insurance, Real estate & Business services	2	14	266	4	32.36	221
Community, Social & Personal services	7	50	756	26	90.33	4,926
Wholesale, retail trade, Tourism	1	1	214	8	151.72	1,376
Transport, Communication & Storage	3	31	299	8	82.54	1,308
Utilities (water & energy)	5	227	1,404	8	105.56	924
TOTAL	48	600.1	8,033	88	1,148	20,756

Source: RDB

CHAPTER X: INCOME, EXPENDITURE and WEALTH

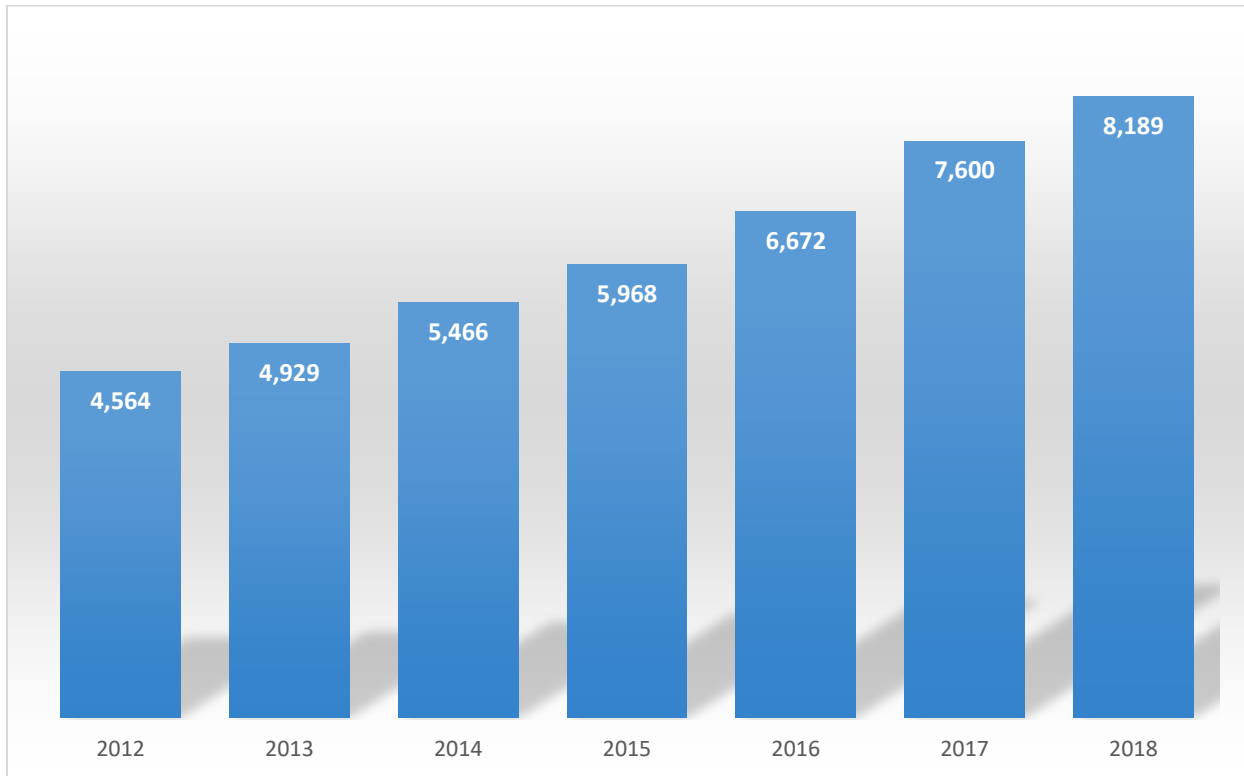
10.1 National Accounts

Table 10.1.1: Macro-economic aggregates

	2012	2013	2014	2015	2016	2017	2018
Gross Domestic Product (Rwf billions)							
GDP at current prices	4,564	4,929	5,466	5,968	6,672	7,600	8,189
<i>Growth rate</i>	14%	8%	11%	9%	12%	14%	8%
GDP at constant 2011 prices	4,917	5,149	5,466	5,951	6,307	6,693	7,269
<i>Growth rate</i>	8.6%	4.7%	6.2%	8.9%	6.0%	6.1%	8.6%
Implicit GDP deflator	93	96	100	100	106	114	113
<i>Growth rate</i>	5.3%	3.1%	4.5%	0.3%	5.5%	7.3%	-0.8%
GDP per head (in '000 Rwf)	435	459	497	530	579	644	677
GDP per head (in current US dollars)	709	710	728	736	735	774	787
Proportions of GDP							
Total final consumption expenditure							
Government	14%	14%	15%	15%	15%	15%	15%
Private (includes changes in stock)	80%	78%	78%	83%	77%	76%	78%
Gross capital formation	25%	27%	25%	26%	26%	24%	24%
Resource balance	-19%	-18%	-18%	-24%	-18%	-15%	-17%
Value added by							
Agriculture	29%	29%	29%	28%	29%	31%	29%
Industry	18%	17%	17%	17%	16%	16%	16%
Services	47%	48%	47%	48%	47%	46%	48%
Adjustments	7%	6%	7%	7%	7%	7%	7%
National income and expenditure (Rwf billions)							
Gross Domestic Product at current prices	4,564	4,929	5,466	5,968	6,672	7,600	8,189
Factor income from abroad, net	-59	-88	-122	-144	-166	-167	-173
Gross National Income	4,505	4,841	5,344	5,824	6,506	7,434	8,016
Current transfers, net	276	362	272	266	315	302	316
Gross National Disposable Income	4,781	5,203	5,616	6,090	6,821	7,736	8,332
Less Final consumption expenditure	-4,261	-4,500	-5,078	-5,826	-6,159	-6,893	-7,567
Gross National Saving	520	702	538	264	662	843	765
Less Gross capital formation	-1,158	-1,307	-1,382	-1,578	-1,727	-1,811	-1,995
Net lending to the rest of the world	-639	-605	-845	-1,315	-1,065	-968	-1,230
Memorandum items							
Total population (millions)	10.5	10.7	11.0	11.3	11.5	11.8	12.1
<i>Growth rate</i>	2.6%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%
Exchange rate: Rwf per US dollar	614	647	683	720	787	832	861
<i>Growth rate</i>	2%	5%	6%	5%	9%	6%	4%

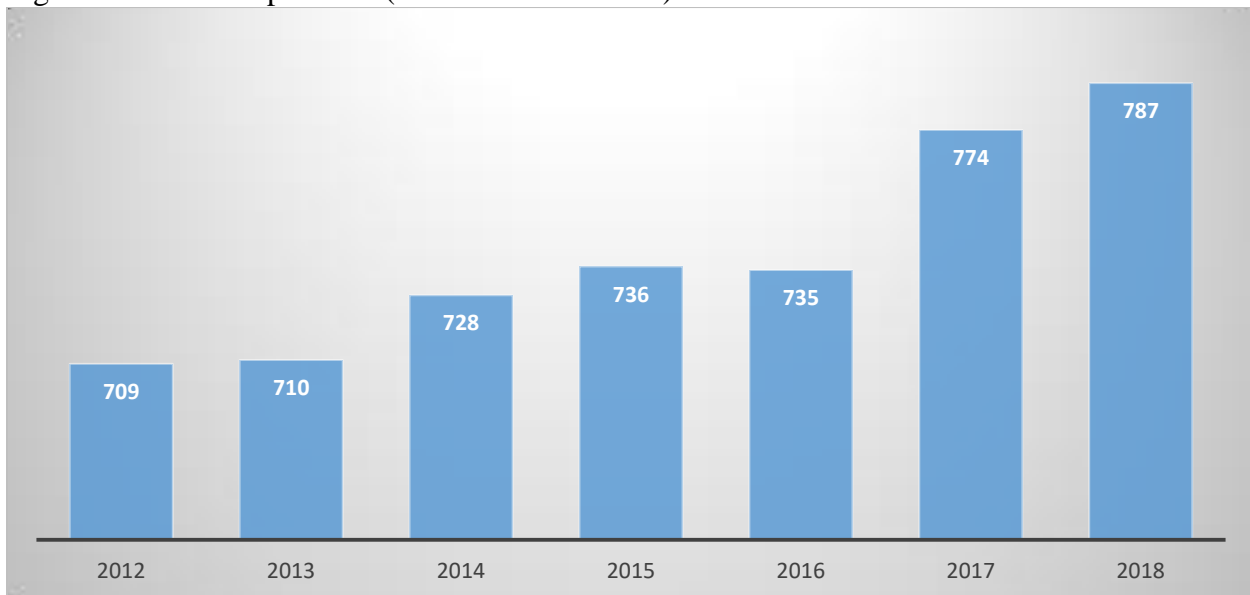
Source: NISR (National Account)

Figure 10.1.1: Gross Domestic Product (Rwf billions)



Source: NISR (National Account)

Figure 10.1.2: GDP per head (in current US dollars)



Source: NISR (National Account)

Table 10.1.2: Gross Domestic Product by Kind of Activity at current prices (in billion Frw)

Activity description	ISIC4	2012	2013	2014	2015	2016	2017	2018
Gross domestic product (GDP)		4,564	4,929	5,466	5,968	6,672	7,600	8,189
Agriculture, forestry & fishing	A	1,317	1,424	1,572	1,671	1,956	2,352	2,378
Food crops	AA	740	839	934	992	1,208	1,504	1,342
Export crops	AB	106	83	107	109	129	172	185
Livestock & livestock products	AC	143	158	174	195	223	260	301
Forestry	AD	312	325	337	354	372	391	520
Fishing	AE	16	19	20	22	23	26	29
INDUSTRY	B-F	804	848	939	1,013	1,092	1,201	1,329
Mining & quarrying	B	97	124	147	132	137	182	204
TOTAL MANUFACTURING	C	331	291	322	352	388	450	482
Manufacturing of food	CA	87	92	101	104	119	161	157
Manufacturing of beverages & tobacco	CB	76	85	95	102	109	112	121
Manufacturing of textiles, clothing & leather goods	CC	82	19	20	21	23	28	34
Manufacturing of wood & paper; printing	CD	11	13	14	16	18	18	20
Manufacturing of chemicals, rubber & plastic products	CE	32	33	32	36	38	45	48
Manufacturing of non-metallic mineral products	CF	14	16	18	21	25	29	32
Manufacturing of metal products, machinery & equipment	CG	16	14	18	25	30	29	39
Furniture & other manufacturing	CH	18	20	22	26	25	29	31
Electricity	D	37	43	47	58	81	88	96
Water & waste management	E	28	30	31	32	37	38	39
Construction	F	313	359	392	440	449	443	508
SERVICES	G-T	2,147	2,353	2,578	2,857	3,156	3,524	3,914
TRADE & TRANSPORT	G-H	553	593	640	699	761	805	963
Maintenance and repair of motor vehicles	GA	20	22	23	24	28	29	33
Wholesale & retail trade	GB	348	370	410	450	476	489	566
Transport services	H	182	201	207	225	257	287	364
OTHER SERVICES	I-T	1,588	1,760	1,938	2,158	2,394	2,719	2,952
Hotels & restaurants	I	77	80	96	107	124	138	152
Information & communication	J	73	72	80	92	93	96	108
Financial services	K	132	157	159	175	180	217	238

Activity description	ISIC4	2012	2013	2014	2015	2016	2017	2018
Real estate activities	L	418	415	452	486	551	608	670
Professional, scientific and technical activities	M	141	153	144	169	190	233	250
Administrative and support service activities	N	160	173	202	241	279	369	364
Public administration and defence; compulsory social security	O	210	238	260	282	329	355	396
Education	P	104	140	154	157	166	168	177
Human health and social work activities	Q	102	117	133	137	140	152	156
Cultural, domestic & other services	R-T	185	214	257	313	342	382	441
Taxes less subsidies on products		301	304	377	427	469	524	568

Source: NISR (National Account)

Table 10.1.3: Gross Domestic Product by Kind of Activity Shares at current prices (percentages)

Activity description	ISIC4	2012	2013	2014	2015	2016	2017	2018
GROSS DOMESTIC PRODUCT (GDP)		100%	100%	100%	100%	100%	100%	100%
AGRICULTURE, FORESTRY & FISHING	A	29%	29%	29%	28%	29%	31%	29%
Food crops	AA	16%	17%	17%	17%	18%	20%	16%
Export crops	AB	2%	2%	2%	2%	2%	2%	2%
Livestock & livestock products	AC	3%	3%	3%	3%	3%	3%	4%
Forestry	AD	7%	7%	6%	6%	6%	5%	6%
Fishing	AE	0%	0%	0%	0%	0%	0%	0%
INDUSTRY	B-F	18%	17%	17%	17%	16%	16%	16%
Mining & quarrying	B	2%	3%	3%	2%	2%	2%	3%
TOTAL MANUFACTURING	C	7%	6%	6%	6%	6%	6%	6%
Manufacturing of food	CA	2%	2%	2%	2%	2%	2%	2%
Manufacturing of beverages & tobacco	CB	2%	2%	2%	2%	2%	2%	2%
Manufacturing of textiles, clothing & leather goods	CC	2%	0%	0%	0%	0%	0%	0%
Manufacturing of wood & paper; printing	CD	0%	0%	0%	0%	0%	0%	0%
Manufacturing of chemicals, rubber & plastic products	CE	1%	1%	1%	1%	1%	1%	1%
Manufacturing of non-metallic mineral products	CF	0%	0%	0%	0%	0%	0%	0%
Manufacturing of metal products, machinery & equipment	CG	0%	0%	0%	0%	0%	0%	1%
Furniture & other manufacturing	CH	0%	0%	0%	0%	0%	0%	0%
Electricity	D	1%	1%	1%	1%	1%	1%	1%
Water & waste management	E	1%	1%	1%	1%	1%	1%	1%
Construction	F	7%	7%	7%	7%	7%	6%	6%
SERVICES	G-T	47%	48%	47%	48%	47%	46%	48%
TRADE & TRANSPORT	G-H	12%	12%	12%	12%	11%	11%	12%
Maintenance and repair of motor vehicles	GA	0%	0%	0%	0%	0%	0%	0%
Wholesale & retail trade	GB	8%	8%	8%	8%	7%	6%	7%
Transport services	H	4%	4%	4%	4%	4%	4%	4%
OTHER SERVICES	I-T	35%	36%	35%	36%	36%	36%	36%
Hotels & restaurants	I	2%	2%	2%	2%	2%	2%	2%
Information & communication	J	2%	2%	2%	2%	1%	1%	1%
Financial services	K	3%	3%	3%	3%	3%	3%	3%
Real estate activities	L	9%	8%	8%	8%	8%	8%	8%
Professional, scientific and technical activities	M	3%	3%	3%	3%	3%	3%	3%
Administrative and support service activities	N	4%	4%	4%	4%	4%	5%	4%

Activity description	ISIC4	2012	2013	2014	2015	2016	2017	2018
GROSS DOMESTIC PRODUCT (GDP)		100%	100%	100%	100%	100%	100%	100%
Public administration and defence; compulsory social security	O	5%	5%	5%	5%	5%	5%	5%
Education	P	2%	3%	3%	3%	3%	2%	2%
Human health and social work activities	Q	2%	2%	2%	2%	2%	2%	2%
Cultural, domestic & other services	R-T	4%	4%	5%	5%	5%	5%	5%
Taxes less subsidies on products		7%	6%	7%	7%	7%	7%	7%

Source: NISR (National Account)

Table 10.1.4: GDP by Kind of Activity at constant 2014 prices (in billion Frw)

Activity description	ISIC4	2012	2013	2014	2015	2016	2017	2018
GROSS DOMESTIC PRODUCT (GDP)		4,917	5,149	5,466	5,951	6,307	6,693	7,269
AGRICULTURE, FORESTRY & FISHING	A	1,427	1,474	1,572	1,650	1,714	1,827	1,934
Food crops	AA	827	859	934	968	998	1,071	1,118
Export crops	AB	114	109	109	122	125	128	140
Livestock & livestock products	AC	151	160	174	189	208	231	262
Forestry	AD	317	326	337	350	362	374	390
Fishing	AE	18	19	20	21	21	22	23
INDUSTRY	B-F	838	916	939	1,023	1,092	1,141	1,259
Mining & quarrying	B	98	118	147	140	154	189	193
TOTAL MANUFACTURING	C	352	369	322	349	372	396	439
<i>Manufacturing of food</i>	CA	89	96	101	102	110	126	137
<i>Manufacturing of beverages & tobacco</i>	CB	86	89	95	101	104	96	104
<i>Manufacturing of textiles, clothing & leather goods</i>	CC	86	19	20	21	23	28	34
<i>Manufacturing of wood & paper; printing</i>	CD	11	12	14	15	17	16	18
<i>Manufacturing of chemicals, rubber & plastic products</i>	CE	34	33	32	37	39	47	48
<i>Manufacturing of non-metallic mineral products</i>	CF	15	16	18	22	26	29	32
<i>Manufacturing of metal products, machinery & equipment</i>	CG	16	14	18	25	29	29	38
<i>Furniture & other manufacturing</i>	CH	18	20	22	26	24	26	27
Electricity	D	40	43	47	51	58	62	68
Water & waste management	E	28	30	31	31	33	33	34
Construction	F	322	357	392	453	475	460	525
SERVICES	G-T	2,290	2,410	2,578	2,847	3,052	3,294	3,584
TRADE & TRANSPORT	G-H	566	599	640	714	762	791	917
Maintenance and repair of motor vehicles	GA	21	22	23	24	26	27	29
Wholesale & retail trade	GB	358	378	410	462	491	491	566

Activity description	ISIC4	2012	2013	2014	2015	2016	2017	2018
Transport services	H	186	199	207	227	245	273	322
OTHER SERVICES	I-T	1,725	1,811	1,938	2,134	2,290	2,503	2,667
Hotels & restaurants	I	82	85	96	105	116	128	140
Information & communication	J	75	75	80	94	102	115	136
Financial services	K	140	154	159	179	185	198	218
Real estate activities	L	425	428	452	472	501	526	554
Professional, scientific and technical activities	M	150	156	144	165	175	205	217
Administrative and support service activities	N	170	176	202	235	258	325	316
Public administration and defence; compulsory social security	O	223	244	260	275	306	319	348
Education	P	143	149	154	157	163	166	172
Human health and social work activities	Q	116	123	133	146	155	165	165
Cultural, domestic & other services	R-T	197	221	257	306	328	356	400
Taxes less subsidies on products		361	349	377	430	449	431	492

Source: NISR (National Account)

Table 10.1.5: Growth rates of GDP by Kind of Activity at constant 2014 prices (Percentage change from previous year)

Activity description	ISIC4	2012	2013	2014	2015	2016	2017	2018
GROSS DOMESTIC PRODUCT (GDP)		8.6%	4.7%	6.2%	8.9%	6.0%	6.1%	8.6%
AGRICULTURE, FORESTRY & FISHING	A	7%	3%	7%	5%	4%	7%	6%
Food crops	AA	8%	4%	9%	4%	3%	7%	4%
Export crops	AB	9%	-5%	-2%	14%	2%	2%	10%
Livestock & livestock products	AC	6%	7%	8%	9%	10%	11%	13%
Forestry	AD	4%	3%	3%	4%	4%	3%	4%
Fishing	AE	-2%	5%	4%	3%	3%	5%	5%
INDUSTRY	B-F	8%	9%	3%	9%	7%	5%	10%
Mining & quarrying	B	-7%	20%	25%	-5%	10%	23%	2%
TOTAL MANUFACTURING	C	6%	5%	-13%	8%	7%	7%	11%
Manufacturing of food	CA	1%	8%	6%	1%	8%	14%	9%
Manufacturing of beverages & tobacco	CB	4%	4%	7%	6%	3%	-8%	9%
Manufacturing of textiles, clothing & leather goods	CC	8%	-78%	7%	3%	10%	22%	20%
Manufacturing of wood & paper; printing	CD	15%	12%	10%	11%	11%	-4%	13%
Manufacturing of chemicals, rubber & plastic products	CE	2%	-3%	-2%	13%	5%	21%	3%

Activity description	ISIC4	2012	2013	2014	2015	2016	2017	2018
Manufacturing of non-metallic mineral products	CF	14%	7%	17%	20%	21%	9%	12%
Manufacturing of metal products, machinery & equipment	CG	26%	-14%	29%	39%	16%	-1%	31%
Furniture & other manufacturing	CH	10%	12%	13%	17%	-10%	10%	4%
Electricity	D	17%	8%	9%	8%	14%	8%	10%
Water & waste management	E	9%	5%	3%	1%	5%	2%	3%
Construction	F	15%	11%	10%	15%	5%	-3%	14%
SERVICES	G-T	12%	5%	7%	10%	7%	8%	9%
TRADE & TRANSPORT	G-H	15%	6%	7%	12%	7%	4%	16%
Maintenance and repair of motor vehicles	GA	8%	6%	4%	5%	7%	4%	7%
Wholesale & retail trade	GB	14%	6%	8%	13%	6%	0%	15%
Transport services	H	19%	7%	4%	10%	8%	11%	18%
OTHER SERVICES	I-T	10%	5%	7%	10%	7%	9%	7%
Hotels & restaurants	I	6%	3%	12%	9%	11%	10%	10%
Information & communication	J	33%	0%	7%	18%	9%	12%	18%
Financial services	K	13%	10%	4%	12%	3%	7%	10%
Real estate activities	L	0%	1%	6%	5%	6%	5%	5%
Professional, scientific and technical activities	M	6%	4%	-8%	14%	6%	17%	6%
Administrative and support service activities	N	7%	4%	15%	16%	10%	26%	-3%
Public administration and defence; compulsory social security	O	22%	9%	7%	6%	12%	4%	9%
Education	P	7%	4%	3%	2%	4%	2%	4%
Human health and social work activities	Q	23%	6%	8%	10%	6%	6%	0%
Cultural, domestic & other services	R-T	11%	12%	16%	19%	7%	9%	13%
Taxes less subsidies on products		2%	-3%	8%	14%	4%	-4%	14%

Source: NISR (National Account)

Table 10.1.6: Gross Domestic Product by Kind of Activity / Deflators (2014 = 100)

Activity description	ISIC4	2012	2013	2014	2015	2016	2017	2018
GROSS DOMESTIC PRODUCT (GDP)		93	96	100	100	106	114	113
AGRICULTURE, FORESTRY & FISHING	A	92	97	100	101	114	129	123
Food crops	AA	90	98	100	102	121	140	120
Export crops	AB	92	77	100	89	103	134	132
Livestock & livestock products	AC	95	99	100	103	108	112	115
Forestry	AD	99	100	100	101	102	104	133
Fishing	AE	88	97	100	108	110	117	127
INDUSTRY	B-F	96	93	100	99	100	105	106
Mining & quarrying	B	99	106	100	94	89	96	106
TOTAL MANUFACTURING	C	94	79	100	101	104	114	110
Manufacturing of food	CA	98	97	100	102	108	128	115
Manufacturing of beverages & tobacco	CB	89	95	100	101	105	117	115
Manufacturing of textiles, clothing & leather goods	CC	95	100	100	100	100	100	100
Manufacturing of wood & paper; printing	CD	102	102	100	105	109	110	108
Manufacturing of chemicals, rubber & plastic products	CE	94	100	100	97	98	97	101
Manufacturing of non-metallic mineral products	CF	98	100	100	97	96	99	100
Manufacturing of metal products, machinery & equipment	CG	100	100	100	101	101	101	102
Furniture & other manufacturing	CH	100	100	100	101	105	111	117
Electricity	D	91	99	100	114	141	141	140
Water & waste management	E	100	100	100	105	114	114	114
Construction	F	97	101	100	97	95	96	97
SERVICES	G-T	94	98	100	100	103	107	109
TRADE & TRANSPORT	G-H	98	99	100	98	100	102	105
Maintenance and repair of motor vehicles	GA	97	99	100	101	108	110	115
Wholesale & retail trade	GB	97	98	100	97	97	100	100
Transport services	H	98	101	100	99	105	105	113
OTHER SERVICES	I-T	92	97	100	101	105	109	111
Hotels & restaurants	I	93	94	100	103	107	108	108
Information & communication	J	97	96	100	97	91	83	80
Financial services	K	94	102	100	98	97	109	109
Real estate activities	L	99	97	100	103	110	116	121
Professional, scientific and technical activities	M	94	98	100	102	108	114	115
Administrative and support service activities	N	94	98	100	103	108	114	115
Public administration and defence; compulsory social security	O	94	98	100	103	107	111	114
Education	P	73	94	100	100	102	101	103
Human health and social work activities	Q	88	95	100	93	90	92	94
Cultural, domestic & other services	R-T	94	97	100	102	104	107	110
Taxes less subsidies on products		83	87	100	99	104	122	115

Source: NISR (National Account)

Table 10.1.7: Expenditure on GDP (in billion Rwf)

	2012	2013	2014	2015	2016	2017	2018
In current prices							
Gross Domestic Product	4,564	4,929	5,466	5,968	6,672	7,600	8,189
Total final consumption expenditure	4,261	4,500	5,078	5,826	6,159	6,893	7,567
Government	625	667	824	874	1,006	1,156	1,220
Households and NGOs	3,636	3,833	4,254	4,952	5,153	5,737	6,347
Gross capital formation	1,158	1,307	1,382	1,578	1,727	1,811	1,995
Gross fixed capital formation	1,118	1,254	1,333	1,541	1,690	1,775	1,940
Construction	774	893	953	1,116	1,191	1,249	1,311
Other	344	361	380	425	499	526	629
Change in inventories	41	53	50	38	37	36	55
Resource balance	-856	-879	-994	-1,437	-1,213	-1,104	-1,373
Exports of goods & services	576	694	805	850	996	1,386	1,423
Goods (fob)	315	392	400	376	419	712	658
Services	261	303	404	474	577	674	764
Imports of goods & services	1,432	1,574	1,799	2,286	2,209	2,490	2,795
Goods (fob)	1,070	1,126	1,264	1,313	1,370	1,422	1,656
Services	362	448	535	973	839	1,067	1,139
In constant 2011 prices							
Gross Domestic Product	4,917	5,149	5,466	5,951	6,307	6,693	7,269
Total final consumption expenditure	4,544	4,700	5,078	5,893	5,949	6,137	6,506
Government	684	682	824	866	946	1,047	1,082
Households and NGOs	3,860	4,017	4,254	5,028	5,004	5,090	5,423
Gross capital formation	1,173	1,269	1,382	1,627	1,790	1,906	2,353
Gross fixed capital formation	1,140	1,229	1,333	1,580	1,749	1,865	2,290
Construction	778	867	953	1,100	1,154	1,118	1,275
Other	362	362	380	481	595	748	1,014
Change in inventories	33	40	50	46	42	41	63
Resource balance	-800	-820	-994	-1,569	-1,433	-1,351	-1,589
Exports of goods & services	633	750	805	855	966	1,290	1,300
Goods (fob)	355	442	400	393	433	697	637
Services	277	308	404	462	532	593	664
Imports of goods & services	1,432	1,570	1,799	2,424	2,398	2,641	2,890
Goods (fob)	1,056	1,117	1,264	1,407	1,505	1,516	1,731
Services	376	453	535	1,017	893	1,124	1,159

Source: NISR (National Account)

CHAPTER XI: PRICES INDEXES

10.2 Producer Price Index

Table 10.2.1: Producer Price Index -Manufacturing Sector Goods Produced mainly for local sales (Base Period: 2010 =100)

ISIC rev. 4 Description	Weights	2017				2018				2019	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Rwanda	1000	120.16	119.85	119.55	118.62	117.24	117.14	118.69	120.55	131.50	138.19
Manufacturing	749	123.42	123.00	122.60	121.41	119.65	119.54	118.32	118.51	118.38	118.46
Manufacture of food products	305	131.82	130.95	127.81	124.49	119.39	118.34	115.29	115.48	114.92	115.04
Processing and preserving of meat	31	100.05	100.05	163.40	163.40	163.40	163.40	163.40	163.40	163.40	163.40
Processing and preserving of meat	31	100.05	100.05	163.40	163.40	163.40	163.40	163.40	163.40	163.40	163.40
Processing and preserving of fruit and vegetables	2	143.69	143.28	143.28	143.55	143.55	160.60	161.17	161.17	161.17	161.17
Processing and preserving of fruit and vegetables	2	143.69	143.28	143.28	143.55	143.55	160.60	161.17	161.17	161.17	161.17
Manufacture of dairy products	14	98.42	98.80	98.80	98.80	98.80	101.23	101.23	101.23	101.23	101.23
Manufacture of dairy products	14	98.42	98.80	98.80	98.80	98.80	101.23	101.23	101.23	101.23	101.23
Manufacture of grain mill products	55	89.89	90.11	89.90	89.90	90.70	92.94	96.38	96.69	97.75	98.11
Manufacture of grain mill products	55	89.89	90.11	89.90	89.90	90.70	92.94	96.38	96.69	97.75	98.11
Manufacture of other food products	203	143.90	142.69	130.32	124.80	117.15	114.67	109.30	109.45	108.31	108.41
Manufacture of bakery products	7	147.02	147.02	142.27	142.76	143.05	143.05	143.05	143.05	143.62	143.62
Manufacture of sugar	196	143.78	142.52	129.84	124.05	115.99	113.34	107.66	107.79	106.55	106.65
Manufacture of beverages	231	125.14	125.14	127.48	127.45	127.45	127.69	127.70	127.70	127.70	127.70
Manufacture of beverages	231	125.14	125.14	127.48	127.45	127.45	127.69	127.70	127.70	127.70	127.70
Manufacture of wines	3	100.95	100.95	102.30	102.30	102.30	102.30	102.30	102.30	102.30	102.30
Manufacture of malt liquors and malt	224	125.31	125.31	127.60	127.60	127.60	127.60	127.60	127.60	127.60	127.60

ISIC rev. 4 Description	Weights	2017				2018				2019	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Manufacture of soft drinks; production of mineral waters and other bottled waters	4	128.03	128.03	133.08	131.54	131.54	142.76	142.76	142.76	142.76	142.76
Manufacture of tobacco products	4	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Manufacture of tobacco products	4	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Manufacture of tobacco products	4	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Manufacture of textiles	6	73.62	77.32	77.32	82.38	82.38	83.71	83.71	83.71	83.71	83.71
Manufacture of other textiles	6	73.62	77.32	77.32	82.38	82.38	83.71	83.71	83.71	83.71	83.71
Manufacture of made-up textile articles, except apparel	6	73.62	77.32	77.32	82.38	82.38	83.71	83.71	83.71	83.71	83.71
Manufacture of leather and related products	31	78.19	82.20	82.20	89.08	89.08	89.31	89.31	89.31	89.31	89.31
Manufacture of footwear	31	78.19	82.20	82.20	89.08	89.08	89.31	89.31	89.31	89.31	89.31
Manufacture of footwear	31	78.19	82.20	82.20	89.08	89.08	89.31	89.31	89.31	89.31	89.31
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1	111.51	111.51	111.51	111.51	112.55	112.55	112.55	112.55	112.55	112.55
Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials	1	111.51	111.51	111.51	111.51	112.55	112.55	112.55	112.55	112.55	112.55
Manufacture of other products of wood; manufacture of articles of cork, straw and	1	111.51	111.51	111.51	111.51	112.55	112.55	112.55	112.55	112.55	112.55

ISIC rev. 4 Description	Weights	2017				2018				2019	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
plaiting materials											
Manufacture of paper and paper products	2	105.32	105.32	106.84	106.84	100.65	105.18	105.18	105.18	105.77	105.57
Manufacture of paper and paper products	2	105.32	105.32	106.84	106.84	100.65	105.18	105.18	105.18	105.77	105.57
Manufacture of other articles of paper and paperboard	2	105.32	105.32	106.84	106.84	100.65	105.18	105.18	105.18	105.77	105.57
Printing and reproduction of recorded media	25	116.98	113.03	106.02	112.07	112.47	111.72	108.52	112.60	111.50	110.40
Printing and service activities related to printing	25	116.98	113.03	106.02	112.07	112.47	111.72	108.52	112.60	111.50	110.40
Printing and service activities related to printing (to combine 1811 and 1812)	25	116.98	113.03	106.02	112.07	112.47	111.72	108.52	112.60	111.50	110.40
Manufacture of chemicals and chemical products	35	114.25	114.25	116.48	117.72	120.35	120.35	120.35	120.35	120.35	120.35
Manufacture of other chemical products	35	114.25	114.25	116.48	117.72	120.35	120.35	120.35	120.35	120.35	120.35
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	11	96.88	96.88	96.88	96.88	96.88	96.88	96.88	96.88	96.88	96.88
Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	24	120.81	120.81	123.77	125.41	128.68	128.68	128.68	128.68	128.68	128.68

ISIC rev. 4 Description	Weights	2017				2018				2019	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	100.08	100.08	100.08	100.08	100.08	100.08	100.08	100.08	100.08	100.08
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	100.08	100.08	100.08	100.08	100.08	100.08	100.08	100.08	100.08	100.08
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	100.08	100.08	100.08	100.08	100.08	100.08	100.08	100.08	100.08	100.08
Manufacture of rubber and plastics products	15	97.92	97.92	97.92	93.57	93.62	92.81	92.82	92.82	92.82	92.82
Manufacture of rubber products	4	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres	4	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Manufacture of plastics products	10	97.01	97.01	97.01	90.63	90.63	89.41	89.41	89.41	89.41	89.41
Manufacture of plastics products	10	97.01	97.01	97.01	90.63	90.63	89.41	89.41	89.41	89.41	89.41
Manufacture of other non-metallic mineral products	42	110.00	110.00	110.00	110.00	110.00	110.00	110.00	110.15	110.23	110.23
Manufacture of non-metallic mineral products n.e.c.	42	110.00	110.00	110.00	110.00	110.00	110.00	110.00	110.15	110.23	110.23
Manufacture of non-metallic mineral products n.e.c.	42	110.00	110.00	110.00	110.00	110.00	110.00	110.00	110.15	110.23	110.23
Manufacture of fabricated metal products, except machinery and equipment	39	108.99	108.74	115.12	115.13	119.85	123.22	124.41	124.41	126.51	127.49

ISIC rev. 4 Description	Weights	2017				2018				2019	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Manufacture of fabricated metal products, except machinery and equipment	39	108.99	108.74	115.12	115.13	119.85	123.22	124.41	124.41	126.51	127.49
Manufacture of fabricated metal products, except machinery and equipment	39	108.99	108.74	115.12	115.13	119.85	123.22	124.41	124.41	126.51	127.49
Manufacture of electrical equipment	2	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11
Manufacture of batteries and accumulators	2	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11
Manufacture of batteries and accumulators	2	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11
Manufacture of furniture	11	112.19	112.61	114.13	107.85	110.93	115.02	115.02	113.40	113.40	113.40
Manufacture of furniture	11	112.19	112.61	114.13	107.85	110.93	115.02	115.02	113.40	113.40	113.40
Manufacture of furniture	11	112.19	112.61	114.13	107.85	110.93	115.02	115.02	113.40	113.40	113.40
Electricity, gas, steam and air conditioning supply	76	119.74	119.74	119.74	119.74	119.74	119.74	145.87	158.94	158.94	158.94
Electricity, gas, steam and air conditioning supply	76	119.74	119.74	119.74	119.74	119.74	119.74	145.87	158.94	158.94	158.94
Electric power generation, transmission and distribution	76	119.74	119.74	119.74	119.74	119.74	119.74	145.87	158.94	158.94	158.94
Electric power generation, transmission and distribution	76	119.74	119.74	119.74	119.74	119.74	119.74	145.87	158.94	158.94	158.94
Water supply; sewerage, waste management and remediation activities	171	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	160.39	190.59
Water collection, treatment and supply	171	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	160.39	190.59
Water collection, treatment and supply	171	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	160.39	190.59

ISIC rev. 4 Description	Weights	2017				2018				2019	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Water collection, treatment and supply	171	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	160.39	190.59
Information and communication	4	191.87	191.87	191.87	191.87	191.87	191.87	198.02	197.81	197.81	197.81
Publishing activities	4	191.87	191.87	191.87	191.87	191.87	191.87	198.02	197.81	197.81	197.81
Publishing of books, periodicals and other publishing activities	4	191.87	191.87	191.87	191.87	191.87	191.87	198.02	197.81	197.81	197.81
Book publishing	1	128.18	128.18	128.18	128.18	128.18	128.18	185.79	185.79	185.79	185.79
Publishing of newspapers, journals and periodicals	4	200.05	200.05	200.05	200.05	200.05	200.05	200.05	200.05	200.05	200.05

Source: NISR, Quarterly Producer Price Survey- Manufacturing sector

Table 10.2.2: Monthly Evolution of consumer price Index (CPI) [2018] /Base: 2014; Reference: February 2014=100

	Weights	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
GENERAL INDEX (CPI)	10,000	118.5	119.1	120.3	122.6	123.7	122.0	121.1	121.7	121.6	120.3	119.7	118.7
Food and non-alcoholic beverages	3,904	125.8	126.6	129.1	130.2	132.4	128.6	125.8	126.8	126.2	122.4	120.7	117.8
• Bread and cereals	662	128.5	125.8	124.1	124.2	125.0	122.1	121.9	120.8	119.8	119.6	121.4	122.7
• Meat	174	115.4	115.1	114.9	115.6	115.7	116.1	116.2	117.4	118.1	118.3	119.3	119.5
• Milk, cheese and eggs	113	114.6	116.1	115.4	114.9	115.9	115.1	115.6	117.3	117.4	117.4	117.4	118.0
• Vegetables	1,843	126.9	129.6	134.5	136.7	140.6	135.8	132.0	134.8	134.4	126.6	122.0	115.1
• Non-alcoholic beverages	115	114.2	114.4	114.9	117.1	117.0	117.1	118.7	118.3	118.6	118.2	118.7	119.0
Alcoholic beverages and tobacco	681	119.6	120.1	120.7	121.5	121.7	120.2	120.8	120.2	120.5	122.2	121.9	121.2
Clothing and footwear	531	112.8	112.9	113.0	113.3	113.5	113.6	113.5	113.7	113.9	115.0	115.5	115.9
Housing, water, electricity, gas and other fuels	1,828	110.6	111.7	112.3	117.8	119.8	119.3	119.8	120.8	121.3	120.9	120.3	120.2
Furnishing, household equipment and routine household,maintenance	346	108.4	108.7	109.5	110.1	110.6	109.8	108.8	109.1	109.2	110.1	110.8	111.0

	Weights	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
GENERAL INDEX (CPI)	10,000	118.5	119.1	120.3	122.6	123.7	122.0	121.1	121.7	121.6	120.3	119.7	118.7
Health	121	106.5	106.4	106.5	106.4	106.5	106.3	106.5	106.7	106.6	106.4	106.4	106.4
Transport	773	108.0	108.0	109.3	118.5	115.4	115.7	116.4	116.9	117.0	117.3	118.1	118.2
Communication	238	102.4	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5
Recreation and culture	218	113.4	113.3	113.4	113.7	113.6	112.7	112.6	112.4	112.0	112.2	112.2	112.1
Education	201	133.3	133.3	133.3	133.3	133.3	133.3	133.3	133.3	133.3	133.3	133.3	133.3
Restaurants and hotels	644	109.8	109.4	109.3	109.4	109.4	109.0	109.2	109.6	109.2	109.7	110.3	110.4
Miscellaneous goods and services	516	106.3	107.2	107.1	107.1	108.2	108.4	108.4	108.6	108.5	108.8	109.0	111.2

Source: National Institute of Statistics of Rwanda

Table 10.2.3: Monthly Evolution of consumer price Index (CPI) [2019]/ Base: 2014; Reference: February 2014=100

	Weights	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
GENERAL INDEX (CPI)	10,000	119.9	119.4	123.0	124.5	125.6	125.4	125.2	128.3	131.1
Food and non-alcoholic beverages	4,804	115.6	115.4	123.0	125.3	126.7	126.4	125.6	131.5	137.2
• Bread and cereals	757	124.4	122.9	124.8	126.4	130.3	135.9	134.8	137.6	140.3
• Meat	156	121.4	125.8	128.7	131.2	133.2	137.3	137.2	138.9	139.5
• Milk, cheese and eggs	98	116.5	117.0	118.1	121.0	123.5	124.7	124.3	124.8	125.0
• Vegetables	2,582	110.7	113.1	125.1	128.9	128.4	125.9	125.5	135.2	145.4
• Non-alcoholic beverages	101	115.8	115.0	115.0	116.3	116.3	116.3	116.3	116.3	116.0
Alcoholic beverages and tobacco	832	118.6	118.1	117.7	117.9	118.0	117.8	118.6	119.3	119.5
Clothing and footwear	531	117.9	118.2	119.6	120.4	120.5	120.8	121.2	121.3	121.3
Housing, water, electricity, gas and other fuels	1,636	129.2	127.1	126.5	128.4	130.0	130.1	130.1	130.1	130.1
Furnishing, household equipment and routine household maintenance	323	109.6	110.4	111.2	111.6	111.7	112.2	112.3	112.8	113.3
Health	112	105.0	105.3	105.4	105.8	105.9	105.8	106.6	107.0	106.7
Transport	407	110.9	110.9	110.9	111.0	111.6	111.8	111.7	111.8	111.8
Communication	179	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Recreation and culture	149	121.7	120.9	120.9	120.4	120.7	121.1	120.9	120.8	120.8
Education	144	175.2	175.2	175.2	175.2	175.2	175.2	175.2	175.2	175.2
Restaurants and hotels	460	115.2	114.9	115.1	115.3	115.5	115.7	115.9	115.9	115.9

	Weights	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
GENERAL INDEX (CPI)	10,000	119.9	119.4	123.0	124.5	125.6	125.4	125.2	128.3	131.1
Miscellaneous goods and services	421	106.7	106.7	107.5	107.5	107.8	107.1	107.3	112.5	112.4

Source: National Institute of Statistics of Rwanda

CHAPTER XII: BANKING and FINANCE

11.1 Banking

Table 11.1.1: Monetary Survey (in Rwf billion)

	Dec-11	Dec-12	Dec-13	Dec-14	Dec-15	Dec-16	Dec-17	Dec-18
MONETARY AUTHORITY								
Net foreign assets	563.8	457.1	634.3	585.7	609.1	659.9	749.5	901.9
Foreign assets	634.4	535.5	717.0	660.2	689.3	821.0	984.9	1159.6
Foreign liabilities	70.5	78.4	82.6	74.5	80.2	161.1	235.5	257.7
Net domestic assets	-402.5	-267.8	-421.1	-338.9	-322.3	-357.1	-420.0	-519.5
Domestic credit	-350.2	-218.7	-339.3	-222.3	-218.6	-219.7	-249.2	-325.8
Government(net)	-261.6	-165.4	-303.6	-166.9	-191.3	-213.2	-239.0	-292.8
Claims	38.7	38.6	38.6	38.6	38.6	37.5	37.3	36.0
O/W: overdraft	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Deposits	300.4	204.0	342.2	205.4	229.8	250.7	276.3	328.8
Treasury (including RRA)	47.8	46.1	190.6	12.5	20.6	0.0	7.8	46.9
Line ministries	252.6	157.8	151.6	192.9	209.2	250.7	268.4	281.8
Nongovernment credit	-87.5	-51.0	-30.9	-55.4	-27.3	-6.5	-10.3	-33.0
Private	5.6	5.9	8.2	8.7	11.0	11.5	11.3	11.4
Public enterprises	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other financial institutions	1.8	1.5	1.2	1.3	0.5	15.8	14.0	12.0
Commercial banks (net)	-94.9	-58.5	-40.4	-65.4	-38.8	-33.8	-35.6	-56.4
O/w Refinancing Facility	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other items net	-52.3	-49.1	-81.8	-116.5	-103.7	-137.4	-170.7	-193.7
Reserve money	161.6	189.3	213.2	246.9	286.9	302.8	329.5	382.4
Currency	117.9	129.3	140.9	153.9	176.8	176.7	195.9	225.2
Currency in circulation	102.8	107.0	116.6	118.5	142.6	145.9	162.7	183.6
Currency held in banks	15.2	22.3	24.3	35.4	34.2	30.8	33.1	41.6
Commercial banks deposits	41.9	58.2	71.3	92.2	105.3	122.8	131.8	155.1
Other nonbank deposits	1.7	1.8	1.0	0.8	4.7	3.3	1.8	2.1
OTHER DEPOSITORY INSTITUTIONS								
Net foreign assets	109.2	98.8	109.6	104.6	33.5	79.6	53.8	166.8
Foreign assets	157.3	149.9	206.1	230.6	171.4	257.2	219.4	324.6
Foreign liabilities	48.2	51.2	96.5	126.0	137.9	177.6	165.6	157.8
Reserves	57.1	80.5	95.6	127.6	139.5	153.6	165.0	196.7
NBR deposits	41.9	58.2	71.3	92.2	105.3	122.8	131.8	155.1
Required reserves	34.7	43.4	52.3	64.5	75.6	82.3	94.8	106.7
Excess reserves	7.2	14.8	19.0	27.7	29.7	40.5	37.0	48.4
Billets et pieces	15.2	22.3	24.3	35.4	34.2	30.8	33.1	41.6

	Dec-11	Dec-12	Dec-13	Dec-14	Dec-15	Dec-16	Dec-17	Dec-18
Net Credit from NBR (rediscount; - liability)	94.9	58.5	40.4	65.4	38.8	33.8	35.6	56.4
Credit from NBR	-1.2	-0.3	-0.2	-0.8	-0.4	-9.0	-59.6	-65.7
Credit to NBR	96.1	58.8	40.6	66.2	39.2	42.8	95.2	122.0
Domestic credit	545.0	704.6	866.1	1053.9	1402.9	1526.8	1782.3	1983.8
Central Government (net)	43.4	28.4	116.3	145.6	230.7	225.4	297.3	289.9
Credit	80.1	67.9	155.2	183.8	265.5	247.0	342.1	355.9
Deposits	36.7	39.4	38.9	38.1	34.7	21.6	44.7	66.0
O/w Gvt long term deposit facility	20.7	22.4	21.7	14.9	9.3	1.7	0.0	0.0
Public enterprises	2.8	1.0	1.3	11.9	5.1	43.3	46.1	95.2
Private sector	498.8	675.2	748.6	896.4	1167.1	1258.1	1438.9	1598.7
Other items net (Assets: +)	-130.3	-161.0	-200.7	-247.0	-280.0	-348.3	-409.6	-517.7
Deposits	675.9	781.3	912.8	1104.6	1334.8	1445.5	1627.2	1886.1
Private	576.1	671.0	751.8	905.6	1068.9	1174.3	1298.9	1539.4
Public (nongovernment)	99.8	110.3	161.0	199.0	265.8	271.2	328.3	346.7
MONETARY SURVEY								
Net foreign assets	673.0	555.8	744.0	690.4	642.6	739.5	803.3	1068.7
Net domestic assets	107.1	334.3	284.7	533.5	839.5	855.2	988.4	1003.0
Domestic credit	289.8	544.4	567.1	897.0	1223.1	1340.9	1568.7	1714.3
Central Government (net)	-218.3	-136.9	-187.3	-21.2	39.5	12.2	58.4	-2.9
Autonomous Agencies	-1.0	-2.3	-4.8	0.0	0.0	0.0	0.0	0.0
Public enterprises	2.8	1.0	1.3	11.9	5.1	43.3	46.1	95.2
Private sector	506.3	682.6	758.0	906.3	1178.6	1285.4	1464.2	1622.1
Other items net (Assets: +)	-182.6	-210.1	-282.5	-363.5	-383.7	-485.7	-580.3	-711.4
Broad money (M3)	780.4	890.2	1028.7	1223.9	1482.1	1594.7	1791.7	2071.7
Broad money (M2)	644.8	725.5	834.5	982.1	1226.2	1266.1	1393.2	1557.7
Narrow money (M1)	381.5	425.4	495.3	574.8	757.2	733.7	810.1	954.4
Currency in circulation	102.8	107.0	116.6	118.5	142.6	145.9	162.7	183.6
Deposits	677.6	783.1	912.1	1105.3	1339.5	1448.8	1628.9	1888.2
of which: Demand Deposits in Rwf	278.7	318.4	378.7	456.2	614.6	587.9	647.3	770.9
Time Deposit in Rwf	263.3	300.1	339.2	407.3	469.0	532.4	583.1	603.3
Foreign currency deposits	135.6	164.6	194.2	241.8	255.9	328.5	398.5	514.0

Source: BNR, Statistics Department

Table 11.1.2: Outstanding loans by sector of activity and by maturity for 2017-2018 (in Rwf thousands)

Activity sector in details	31-Dec-17			Total	31-Dec-18			Total
	Long-term	Medium-term	Short-term		Long-term	Medium-term	Short-term	
Personal Loans	9,943,386	103,026,840	14,737,835	127,708,061	13,217,813	110,247,843	21,705,549	145,171,205
Personal Loans	9,943,386	103,026,840	14,737,835	127,708,061	13,217,813	110,247,843	21,705,549	145,171,205
Mortgage industries	416,070,107	148,267,350	39,923,727	604,261,184	456,552,340	156,850,482	54,142,892	667,545,714
Housing construction								
Other constructions	205,676,312	29,047,033	1,254,962	235,978,307	221,126,002	30,926,476	1,510,336	253,562,814
Public works and construction								
Public works enterprises	15,445,197	54,400,414	35,810,054	105,655,665	16,184,875	59,586,609	49,715,762	125,487,246
Social housing	194,948,598	64,819,903	2,858,711	262,627,212	219,241,463	66,337,397	2,916,794	288,495,654
Transport & warehousing	38,751,488	72,199,073	33,444,040	144,394,601	59,948,054	98,282,936	61,099,665	219,330,655
Air transport	16,421,858	17,320,965	18,810,197	52,553,020	15,923,331	41,630,309	38,725,454	96,279,094
Ancillary transport		32,047		32,047	337,941	9,399,446	89,886	9,827,273
Communications	3,716,319	3,513,980	10,614,291	17,844,590	28,477,750	2,681,102	19,065,483	50,224,335
Goods transport by road	569,024	12,812,656	1,864,364	15,246,044	510,249	12,414,227	918,815	13,843,291
Other activities in transport, warehouse and communication	8,257,255	4,937,795	270,391	13,465,441	7,706,898	8,383,498	1,382,586	17,472,982
Passenger road transport	7,339,362	24,045,293	1,636,080	33,020,735	4,893,296	23,771,899	917,441	29,582,636
Transport and warehousing	227,312	9,533,119	248,717	10,009,148				
Transports, warehouse and communications								
Warehousing and stores	2,220,358	3,218		2,223,576	2,098,589	2,455		2,101,044

Trade & hotel	148,844,577	131,256,202	140,875,441	420,976,220	161,272,715	129,754,723	152,088,821	443,116,259
Coffee export	1,482,210	1,965,829	5,239,275	8,687,314	1,434,762	1,319,670	2,678,840	5,433,272
Collect of coffee	23,889	216,807	1,473,163	1,713,859	46,186	167,382	2,708,351	2,921,919
Coffee Storage		45,000	15,045	60,045		27,500	25,529	53,029
Collect of Tea								
Collect of food products	621,966	584,253	4,559,548	5,765,767	575,967	2,322,410	510,670	3,409,047
Collect of leather								
Collect of other export products		58713		58713				
Domestic trade								
Domestic trade of food products								
Domestic trade: collect of export products						32,712		32,712
Domestic trade: storage of export products								
Other storage of export products								
Tea export		30,035		30,035				
Export trade								
Import trade		1,450,512	2,828,436	4,278,948	146,499	657,790	1,194,763	1,999,052
Leather export		601,050		601,050		409,312		409,312
Minerals export		1,519,577	1,762,374	3,281,951	452,850	325,494	2,303,031	3,081,375
Other activities of trade, restaurants and hotels	1,803,917	8,967,712	8,543,468	19,315,097	2,886,500	11,390,288	9,213,561	23,490,349
Other domestic trade	30,404,675	96,318,428	110,433,884	237,156,987	41,134,664	94,995,161	127,134,484	263,264,309
Other export	3,711,142		452,464	4,163,606	4,029,872	16,986	394,437	4,441,295
Restaurants and hotels	110,778,081	17,255,489	3,625,470	131,659,040	110,551,764	16,389,441	3,926,299	130,867,504
Storage of food products		242,297	21,215	263,512		248,800	21,317	270,117
Trade, restaurants								

and hotels								
Trading of food products	18,697	2,000,500	1,921,099	3,940,296	13,651	1,451,777	1,977,539	3,442,967
Quinquina export								
Service sector	30,201,373	13,788,990	6,359,049	50,349,412	35,646,054	16,633,731	6,010,907	58,290,692
Education	20,411,424	5,907,508	2,777,382	29,096,314	26,536,491	7,526,117	3,129,457	37,192,065
Health and related services	6,806,788	2,628,111	2,558,564	11,993,463	6,380,943	2,418,617	1,498,102	10,297,662
Micro – finance								
Other services provision	933,528	4,670,194	971,941	6,575,663	786,742	5,241,778	997,109	7,025,629
Public administration and national defense	866,140	77,763	12,611	956,514	732,482	819,423	219,664	1,771,569
Recreation services and culture	20,292	263,962	18,562	302,816		302,884	155,218	458,102
Religious organizations	1,163,201	241,452	19,989	1,424,642	1,209,396	324,912	11,357	1,545,665
Services sector community services provision								
Ofi & insurance	14,655,316	7,682,181	3,825,460	26,162,957	15,177,246	4,367,669	1,419,437	20,964,352
Business activity companies rendered to enterprises	204,239	349,453	3,065,359	3,619,051	140,081	343,605	1,110,020	1,593,706
Insurance companies			211,141	211,141			15,141	15,141
Non-monetary financial institutions		3,167,943	47,690	3,215,633		48,065	-	48,065
Ofi and insurance								
Other activities in sector of ofi, insurance, community	14,451,077	3,812,858	501,270	18,765,205	15,037,165	3,809,331	194,121	19,040,617

provision services								
Real set of the companies		351,927		351,927		166,668	100,155	266,823
Agricultural, fisheries & livestock	14,056,638	6,811,437	3,255,194	24,123,269	13,806,933	6,253,407	4,891,336	24,951,676
Agriculture								
Agriculture FOR EXPORTS								
Agriculture FOR EXPORTS (01/1990 - 05/1999)								
Agriculture AND OTHERS								
Agriculture FOR COFFEE EXPORTS	296,396	175,398	101,470	573,264	234,687	210,796		445,483
Agriculture FOR PYRETHRUM EXPORTS						375,490	960,883	1,336,373
AGRICULTURE FOR TEA EXPORTS	8,938,374	46,166		8,984,540	8,618,144	37,457		8,655,601
Fishing and pisciculture		326,620		326,620		36,096		36,096
Livestock and related activities	2,809,100	1,897,020	50,942	4,757,062	2,334,345	1,545,787	7,375	3,887,507
OTHER agricultural EXPORTS	82,491	128,981	102,635	314,107	306,566	186,036	6,783	499,385
OTHER Agriculture	1,925,153	4,098,112	3,000,107	9,023,372	2,313,191	3,734,471	3,877,037	9,924,699
OTHER agriculture, LIVESTOCK, FORESTRY AND FISHING	5,124	138,111	40	143,275	-	126,926	39,258	166,184

Sylviculture		1,029		1,029		348		348
Manufacturing activities	84,255,099	20,896,943	57,642,957	162,794,999	93,169,905	25,514,506	64,760,589	183,445,000
Chemical industries and related activities								
Cement , lime	28,470,952	13,627	52	28,484,631	27,127,884	341,290	52	27,469,226
Coffee factories	659,413	553,049	5,807,215	7,019,677	331,535	1,074,506	12,586	1,418,627
Fertilizers and pesticides			5,230,635	5,230,635			5,949,536	5,949,536
Leather industries		6,283		6,283				
Manufacturing industries								
Manufacturing of beverages and tobacco products								
Manufacturing of beverages products	7,479,163	4,477,145	22,238,194	34,194,502	12,904,308	4,984,266	23,271,412	41,159,986
Manufacturing of food products								
Manufacturing of metal products	107,291	3,550,981	4,820,839	8,479,111	91,531	1,813,835	10,672,601	12,577,967
Manufacturing of paper, editing and printing	1,566,552	22,687	307,613	1,896,852	1,323,406	7,680	2,288,953	3,620,039
Manufacturing of tobacco	721,550		609,834	1,331,384			-	-
Non-metallic mineral products								
Other chemical industries			102,490	102,490		174,407	550,980	725,387
Other manufacturing of food products	2,353,975	3,491,176	4,712,884	10,558,035	2,424,321	6,188,671	13,872,281	22,485,273
Other manufacturing industries	37,023,960	5,671,209	8,999,367	51,694,536	37,126,584	7,709,939	5,629,564	50,466,087

Other non-metallic mineral products		47,626	505,483	553,109	650,000	159,067	280,000	1,089,067
Plastic products	1,719,512	1,709,553	1,866,823	5,295,888	1,184,863	1,474,321	814,453	3,473,637
Products pharmaceutical	58,289	278,988	1,186,438	1,523,715	135,320	206,001	687,771	1,029,092
Soap and cosmetics industries	74,577	27,044	399,763	501,384	74,577	59,789	216,318	350,684
Tea factories	4,019,865	197,239		4,217,104	7,370,665	620,648		7,991,313
Textile and clothing industries		477,833	374,514	852,347		452,336	405,497	857,833
Textile industries clothing and leather								
Wood industries		372,503	480,813	853,316	2,424,911	247,750	108,585	2,781,246
Water & energy activities	36,367,269	5,704,295	1,088,873	43,160,437	46,336,160	6,833,815	362,876	53,532,851
Electricity	29,243,152	5,524,392	820,102	35,587,646	38,967,628	5,019,665	50,659	44,037,952
Energy and water								
Other energy and water	7,124,117	176,714	268,771	7,569,602	7,368,532	1,812,839	312,217	9,493,588
Water		3,189		3,189		1,311		1,311
Mining activities	2,431,060	614,625	9,910	3,055,595	2,623,041	469,734	3,891	3,096,666
Mining activities	2,431,060	614,625	9,910	3,055,595	2,623,041	469,734	3,891	3,096,666
Total	795,576,313	510,247,936	301,162,486	1,606,986,735	897,750,261	555,208,846	366,485,963	1,819,445,070

Source: BNR, Bank financial

Table 11.1.3: Quarterly new authorized loans by sector of activities and maturity 2011-2018 (in RWF thousand) Long term

	Personal loans	Agricultural, fisheries & livestock	Mining activities	Manufacturing activities	Water & energy activities	Mortgage industries	Trade & hotel	Transport & warehousing	OFI & Insurance	Service sector	Total
2011											
Q1	70,337	3,075,278	-	1,100,049	17,300	5,651,072	4,437,670	20,000	-	1,352,149	15,723,855
Q2	36,104	390,490	-	1,303,780	-	11,633,865	2,342,446	-	-	438,069	16,144,754
Q3	120,780	181,039	-	233,719	-	10,675,552	3,210,130	836,600	-	374,702	15,632,522
Q4	73,220	712,982	-	3,180,687	-	16,221,205	8,049,403	144,037	-	2,101,260	30,482,794
Total - 2011	300,441	4,359,789	-	5,818,235	17,300	44,181,694	18,039,649	1,000,637	-	4,266,180	77,983,925
2012											
Q1	144,216	353,800	-	3,969,760	-	13,569,893	3,218,506	-	-	223,000	21,479,175
Q2	412,218	100,900	-	1,039,514	-	17,347,950	4,322,202	4,643	71,410	781,372	24,080,209
Q3	917,708	283,870	-	1,412,000	-	14,001,832	5,008,025	518,197	-	716,100	22,857,732
Q4	799,147	3,177,126	-	6,621,455	2,417,704	14,886,364	3,201,555	86,000	-	4,166,327	35,355,678
Total - 2012	2,273,289	3,915,696	-	13,042,729	2,417,704	59,806,039	15,750,288	608,840	71410	5,886,799	103,772,794
2013											
Q1	314,032	703,430	-	425,933	-	8,447,989	8,435,099	212,670	2,493,603	56,415	21,089,171
Q2	609,482	541,256	-	1,087,113	2,327,341	9,262,795	6,242,885	181,257	-	317,555	20,569,684
Q3	163,291	1,014,438	-	1,472,390	-	11,506,785	4,418,626	937,474	-	441,161	19,954,166
Q4	375,637	995,164	-	2,248,895	2,910,365	13,835,921	9,810,362	1,254,660	-	1,697,599	33,128,604
Total - 2013	1,462,442	3,254,288	0	5,234,332	5,237,706	43,053,490	28,906,972	2,586,061	2,493,603	2,512,730	94,741,624
2014											
Q1	1,124,513	580,335	-	27,455,579	15,263,218	8,630,068	7,445,344	12,209	-	1,103,906	61,615,173
Q2	811,889	277,815	-	858,333	117,743	22,823,628	5,737,486	13,245	-	4,261,370	34,901,508
Q3	578,748	826,344	-	849,000	510,000	15,948,039	10,274,223	7,752,604	-	591,352	37,330,310
Q4	1,569,797	1,325,719	-	4,522,725	8,000,000	16,386,591	5,646,815	1,792,900	-	1,176,705	40,421,252
Total - 2014	4,084,947	3,010,213	0	33,685,637	23,890,961	63,788,326	29,103,868	9,570,958	0	7,133,333	174,268,243
2015											
Q1	259,139	1,241,187	0	4,152,919	-	32,557,700	12,252,557	638,600	-	2,767,123	53,869,225
Q2	423,376	542,097	0	162,605	1,101,000	27,833,271	3,974,737	12,054,275	10,000,000	2,353,401	58,444,763
Q3	531,781	842,205	0	2,500,000	-	29,549,710	6,455,783	23,996	-	3,571,456	43,474,930
Q4	602,382	234,712	0	-	-	40,315,139	10,510,659	4,377,158	-	1,717,578	57,757,628
Total - 2015	1,816,678	2,860,200	0	6,815,524	1,101,000	130,255,820	33,193,736	17,094,029	10,000,000	10,409,558	213,546,545

STATISTICAL YEARBOOK 2019

2015											
2016											
Q1	1,074,226	356,396		8,707,591	7,000,200	15,062,151	27,684,417	12,084	741,234	516,854	61,155,154
Q2	718,981	197,722	901,760	11,785,610	200	21,138,027	24,745,243	84,600		3,309,394	62,881,537
Q3	1,150,473	352,860		1,319,816	320	28,923,390	2,192,836	79,070	18,496	1,662,869	35,700,130
Q4	907,920	219,149		8,602,644	14,600,089	26,603,567	7,758,261	260,699		1,300,896	60,253,225
Total - 2016	3,851,600	1,126,127	901,760	30,415,661	21,600,809	91,727,135	62,380,757	436,453	759,730	6,790,013	219,990,047
2017											
Q1	1,901,566	888,690	203,430	1,601,639	4,196,078	24,735,143	5,409,887	2,492,158		3,007,705	44,436,296
Q2	891,698	327,720		9,000,664		30,151,035	4,154,531	94,516	-	207,622	44,827,786
Q3	852,682	166,262		380,559	220	18,855,250	9,823,565	233,803	1,297,200	183,280	31,792,820
Q4	903,570	178,603		85,000	5,500,400	30,758,677	3,262,617	69,737		586,957	41,345,561
Total - 2017	4,549,516	1,561,275	203,430	11,067,862	9,696,698	104,500,105	22,650,600	2,890,214	1,297,200	3,985,563	162,402,462
2018											
Qtr1	1,368,527	144,311		549,440	987	14,284,643	6,889,309	4,318	14,767	5,024,160	28,280,462
Qtr2	1,078,830	140,199		9,165,984	303	15,876,346	2,463,331	131,276		620,989	29,477,258
Qtr3	1,807,252	742,574		200,000	10,000,340	21,176,704	9,146,379	83,754		328,935	43,485,938
Qtr4	979,290	235,451		7,338,622	250	26,482,810	13,432,875	43,215,279	311,000	3,003,627	94,999,202
Total - 2018	5,233,899	1,262,535		17,254,046	10,001,880	77,820,504	31,931,893	43,434,627	325,767	8,977,710	196,242,860

Source: BNR, Stability Directorate

Table 11.1.4: Quarterly new authorized loans by sector of activities and maturity 2011-2018 (in Rwf thousand) short term

	Personal loans	Agricultural, fisheries & livestock	Mining activities	Manufacturing activities	Water & energy activities	Mortgage industries	Trade & hotel	Transport & warehousing	OFI & Insurance	Service sector	Total
2011											
Q1	70,337	3,075,278	-	1,100,049	17,300	5,651,072	4,437,670	20,000		1,352,149	15,723,855
Q2	36,104	390,490	-	1,303,780	-	11,633,865	2,342,446		-	438,069	16,144,754
Q3	120,780	181,039	-	233,719	-	10,675,552	3,210,130	836,600	-	374,702	15,632,522
Q4	73,220	712,982	-	3,180,687	-	16,221,205	8,049,403	144,037	-	2,101,260	30,482,794
Total - 2011	300,441	4,359,789	-	5,818,235	17,300	44,181,694	18,039,649	1,000,637	-	4,266,180	77,983,925
2012											
Q1	144,216	353,800	-	3,969,760		13,569,893	3,218,506	-	-	223,000	21,479,175
Q2	412,218	100,900	-	1,039,514		17,347,950	4,322,202	4,643	71,410	781,372	24,080,209
Q3	917,708	283,870	-	1,412,000		14,001,832	5,008,025	518,197	-	716,100	22,857,732
Q4	799,147	3,177,126	-	6,621,455	2,417,704	14,886,364	3,201,555	86,000	-	4,166,327	35,355,678
Total - 2012	2,273,289	3,915,696	-	13,042,729	2,417,704	59,806,039	15,750,288	608,840	71410	5,886,799	103,772,794
2013											
Q1	314,032	703,430	-	425,933	-	8,447,989	8,435,099	212,670	2,493,603	56,415	21,089,171
Q2	609,482	541,256	-	1,087,113	2,327,341	9,262,795	6,242,885	181,257	-	317,555	20,569,684
Q3	163,291	1,014,438	-	1,472,390	-	11,506,785	4,418,626	937,474	-	441,161	19,954,166
Q4	375,637	995,164	-	2,248,895	2,910,365	13,835,921	9,810,362	1,254,660	-	1,697,599	33,128,604
Total - 2013	1,462,442	3,254,288	0	5,234,332	5,237,706	43,053,490	28,906,972	2,586,061	2,493,603	2,512,730	94,741,624
2014											
Q1	1,124,513	580,335	-	27,455,579	15,263,218	8,630,068	7,445,344	12,209	-	1,103,906	61,615,173
Q2	811,889	277,815	-	858,333	117,743	22,823,628	5,737,486	13,245	-	4,261,370	34,901,508
Q3	578,748	826,344	-	849,000	510,000	15,948,039	10,274,223	7,752,604	-	591,352	37,330,310
Q4	1,569,797	1,325,719	-	4,522,725	8,000,000	16,386,591	5,646,815	1,792,900	-	1,176,705	40,421,252
Total - 2014	4,084,947	3,010,213	0	33,685,637	23,890,961	63,788,326	29,103,868	9,570,958	0	7,133,333	174,268,243
2015											
Q1	259,139	1,241,187	0	4,152,919		32,557,700	12,252,557	638,600		2,767,123	53,869,225
Q2	423,376	542,097	0	162,605	1,101,000	27,833,271	3,974,737	12,054,275	10,000,000	2,353,401	58,444,763
Q3	531,781	842,205	0	2,500,000		29,549,710	6,455,783	23,996		3,571,456	43,474,930
Q4	602,382	234,712	0			40,315,139	10,510,659	4,377,158		1,717,578	57,757,628
Total - 2015	1,816,678	2,860,200	0	6,815,524	1,101,000	130,255,820	33,193,736	17,094,029	10,000,000	10,409,558	213,546,545

	Personal loans	Agricultural, fisheries & livestock	Mining activities	Manufacturing activities	Water & energy activities	Mortgage industries	Trade & hotel	Transport & warehousing	OFI & Insurance	Service sector	Total
2016											
Q1	1,074,226	356,396		8,707,591	7,000,200	15,062,151	27,684,417	12,084	741,234	516,854	61,155,154
Q2	718,981	197,722	901,760	11,785,610	200	21,138,027	24,745,243	84,600		3,309,394	62,881,537
Q3	1,150,473	352,860		1,319,816	320	28,923,390	2,192,836	79,070	18,496	1,662,869	35,700,130
Q4	907,920	219,149		8,602,644	14,600,089	26,603,567	7,758,261	260,699		1,300,896	60,253,225
Total - 2016	3,851,600	1,126,127	901,760	30,415,661	21,600,809	91,727,135	62,380,757	436,453	759,730	6,790,013	219,990,047
2017											
Q1	1,901,566	888,690	203,430	1,601,639	4,196,078	24,735,143	5,409,887	2,492,158		3,007,705	44,436,296
Q2	891,698	327,720		9,000,664		30,151,035	4,154,531	94,516	-	207,622	44,827,786
Q3	852,682	166,262		380,559	220	18,855,250	9,823,565	233,803	1,297,200	183,280	31,792,820
Q4	903,570	178,603		85,000	5,500,400	30,758,677	3,262,617	69,737		586,957	41,345,561
Total - 2017	4,549,516	1,561,275	203,430	11,067,862	9,696,698	104,500,105	22,650,600	2,890,214	1,297,200	3,985,563	162,402,462
2018											
Qtr1	1,368,527	144,311		549,440	987	14,284,643	6,889,309	4,318	14,767	5,024,160	28,280,462
Qtr2	1,078,830	140,199		9,165,984	303	15,876,346	2,463,331	131,276		620,989	29,477,258
Qtr3	1,807,252	742,574		200,000	10,000,340	21,176,704	9,146,379	83,754		328,935	43,485,938
Qtr4	979,290	235,451		7,338,622	250	26,482,810	13,432,875	43,215,279	311,000	3,003,627	94,999,202
Total - 2018	5,233,899	1,262,535		17,254,046	10,001,880	77,820,504	31,931,893	43,434,627	325,767	8,977,710	196,242,860

Source: BNR, Financial Stability

Table 11.1.5: Quarterly new authorized loans by sector of activities and maturity 2011-2018 (in Rwf thousands) medium term

	Personal loans	Agricultural, fisheries & livestock	Mining activities	Manufacturing activities	Water & energy activities	Mortgage industries	Trade & hotel	Transport & warehousing	OFI & Insurance	Service sector	Total
2011											
Q1	1,185,191	50,791	-	2,274,042		3,706,063	14,743,382	6,826,252	1,018,413	167,193	29,971,327
Q2	1,121,970	34,364	-	6,463,870	110,000	5,001,436	22,391,652	399,833	1,058,486	439,938	37,021,549
Q3	1,566,671	962,566	-	2,757,953		11,073,986	29,056,186	1,589,110	1,516,065	634,683	49,157,220
Q4	1,748,018	224,812	-	1,609,021	415,000	3,287,073	23,796,865	590,177	1,320,774	1,081,536	34,073,276
Total 2011	5,621,850	1,272,533	-	13,104,886	525,000	23,068,558	89,988,085	9,405,372	4,913,738	2,323,350	150,223,372
2012											
Q1	1,914,482	417,629	-	1,975,758	607,141	6,936,084	41,574,313	4,536,646	518,000	1,312,258	59,792,311
Q2	2,154,211	1,431,062	-	987,219	1,920	7,509,394	35,719,300	1,988,621	308,656	1,037,103	51,137,486
Q3	2,305,266	223,633	-	7,567,732	300	4,657,922	35,490,741	6,260,339	978,588	915,941	58,400,462
Q4	1,444,892	334,036	-	2,965,467	0	5,547,661	24,431,978	1,113,096	737,709	1,021,668	37,596,507
Total 2012	7,818,851	2,406,360	-	13,496,176	609,361	24,651,061	137,216,332	13,898,702	2,542,953	4,286,970	206,926,766
2013											
Q1	1,437,190	200,691	-	1,633,119	-	4,494,377	32,667,525	3,238,941	718,909	1,071,211	45,461,963
Q2	2,186,177	1,178,704	1,000	5,645,288	12,616	9,857,707	42,654,392	3,623,512	1,007,551	988,179	67,155,126
Q3	1,282,129	355,274	1,000	7,290,292	1,649	7,625,662	31,358,675	1,797,206	319,080	1,747,808	51,778,775
Q4	2,356,941	759,598	-	15,199,521	373,744	9,726,819	36,977,985	2,781,095	1,016,609	2,401,381	71,593,693
Total 2013	7,262,437	2,494,267	2,000	29,768,220	388,009	31,704,565	143,658,577	11,440,754	3,062,149	6,208,579	235,989,557
2014											
Q1	3,586,699	729,175	-	5,320,341	258	9,035,645	41,504,762	850,671	299,618	2,263,469	63,590,638
Q2	2,556,925	249,442	-	6,158,740	285	9,846,378	50,102,787	3,461,106	796,099	758,136	73,929,898
Q3	3,268,375	1,129,707	-	12,939,647	452,981	7,255,627	38,485,381	1,672,413	685,573	2,058,691	67,948,395
Q4	3,257,352	588,951	-	3,141,983	500,600	9,738,435	50,287,165	5,520,311	1,478,004	933,763	75,446,564
Total 2014	12,669,351	2,697,275	0	27,560,711	954,124	35,876,085	180,380,095	11,504,501	3,259,294	6,014,059	280,915,495
2015											
Q1	2,923,005	1,547,398	-	2,226,893	50720	12,938,951	44,662,883	1,096,314	470,975	1,141,337	67,058,476
Q2	2,233,400	933,407	-	3,851,011	102,470	16,198,650	45,149,536	1,747,344	833,520	1,173,329	72,222,667
Q3	2,766,236	2,307,104	-	11,963,274	970	10,263,859	31,663,877	478,719	512,458	1,019,976	60,976,473
Q4	4,887,123	1,853,433	-	20,375,018	25,000	12,426,842	45,406,010	9,003,979	223,395	3,359,074	97,559,874
Total	12,809,764	6,641,342	-	38,416,196	179,160	51,828,303	166,882,306	12,326,356	2,040,348	6,693,716	297,817,491

2015											
2016											
Q1	4,540,445	1,925,611	688,692	3,057,910	925	9,631,328	53,359,381	3,023,861	2,085,673	1,269,922	79,583,748
Q2	3,279,141	1,710,762	116,182	9,947,098	129,064	9,399,065	69,897,692	3,149,219	432,528	1,284,100	99,344,851
Q3	3,433,449	1,531,230	69,200	4,344,390	92,817	8,683,268	35,272,441	1,217,991	926,293	2,372,248	57,943,326
Q4	4,933,043	948,977		10,530,847	630	11,687,305	48,091,144	1,893,612	837,311	5,789,235	84,712,104
Total 2016	16,186,078	6,116,580	874,074	27,880,245	223,436	39,400,965	206,620,658	9,284,683	4,281,805	10,715,505	321,584,029
2017											
Q1	4,504,404	1,346,953		4,039,544	2,065,608	15,683,260	61,592,667	8,591,623	902,845	2,781,281	101,508,185
Q2	3,979,766	989,542		9,515,916	853,072	8,887,183	63,089,996	8,415,744	685,901	2,225,962	98,643,082
Q3	4,798,824	1,320,861		7,536,423	4,058,220	21,513,583	45,169,171	7,069,363	816,104	2,199,688	94,482,237
Q4	6,628,057	903,736	15,000	13,679,055	106,242	14,261,184	50,146,854	7,415,800	334,464	3,956,074	97,446,466
Total 2017	19,911,050	4,561,092	15,000	34,770,938	7,083,141	60,345,211	219,998,687	31,492,530	2,739,314	11,163,005	392,079,969
2018											
Q1	8,871,310	1,214,426	22,808	7,668,277	180,979	11,310,635	44,631,147	6,551,339	195,402	2,371,821	83,018,144
Q2	8,996,173	2,223,035	200,000	9,398,016	6,750	14,310,677	61,768,791	10,110,450	139,253	3,197,043	110,350,187
Q3	7,143,385	1,638,960		9,349,208	4,080,850	18,322,368	52,812,143	4,075,253	391,970	2,544,368	100,358,505
Q4	8,458,689	1,114,616		16,917,165	75,830	57,475,189	77,660,867	22,557,283	1,306,206	4,541,946	190,107,790
Total 2018	33,469,557	6,191,037	222,808	43,332,666	4,344,409	101,418,869	236,872,947	43,294,325	2,032,831	12,655,177	483,834,626

Source: BNR, Stability Directorate

Table 11.1.6: Average exchange rates of the major currencies

Description	1USD	1£stg	1YEN	1DTS	1EURO
2011	600.29	962.83	7.54	947.62	835.67
2012	614.29	973.6	7.71	940.46	789.66
2013	646.64	1011.63	6.64	974.36	858.98
2014	682.44	1122.64	6.45	1032.33	907.07
2015	719.59	1099.64	5.94	1006.76	798.49
2016	787.25	1065.74	7.26	1094.21	871.29
2017	831.72	1072.93	7.42	1154.24	940.85
2018	861.09	1149.86	7.80	1219.30	1017.37

Source: BNR, Statistics Department

Table 11.1.7: Average exchange rates of the major currencies

	1USD	Changes on USD	1£stg	1YEN	1DTS	1EURO	Changes EURO
2014							
January	672.77		1108.21	6.47	1020.22	917.02	
February	674.65	1.87	1093.43	6.47	1014.66	920.46	3.44
March	676.39	1.74	1124.54	6.61	1034.06	935.04	14.58
April	678.20	1.81	1135.18	6.61	1042.17	936.67	1.64
May	680.70	2.51	1146.60	6.68	1053.02	935.44	-1.24
June	681.79	1.09	1152.04	6.68	1050.86	927.12	-8.32
July	683.47	1.68	1168.56	6.71	1053.58	926.05	-1.07
August	684.23	0.76	1143.32	6.65	1044.62	911.53	-14.52
September	685.48	1.24	1118.46	6.39	1027.99	885.51	-26.01
October	688.68	3.21	1107.96	6.38	1024.53	873.83	-11.69
November	690.33	1.64	1090.39	5.95	1012.93	861.43	-12.40
December	692.56	2.23	1083.04	5.81	1009.34	854.74	-6.68
2015							
January	696.56	4.00	1056.41	5.88	991.54	811.29	-43.46
February	702.34	5.78	1076.69	5.92	992.28	797.85	-13.44
March	706.25	3.91	1058.88	5.87	978.37	766.00	-31.85
April	709.46	3.21	1058.86	5.93	980.85	764.46	-1.55
May	712.10	2.64	1095.06	5.89	997.17	789.67	25.21
June	716.70	4.60	1115.89	5.79	1006.89	804.84	15.17
July	721.87	5.17	1122.78	5.86	1007.81	794.11	-10.73
August	724.97	3.10	1130.52	5.89	1017.45	808.12	14.01
September	728.21	3.24	1117.35	6.06	1024.37	818.37	10.24
October	733.53	5.33	1123.65	6.11	1031.81	823.53	5.17
November	739.02	5.48	1122.92	6.03	1021.25	793.95	-29.59
December	744.12	5.10	1116.63	6.11	1031.31	809.68	15.74
2016							
January	751.03	6.92	1081.03	6.36	1037.89	816.33	6.65
February	758.97	7.94	1087.80	6.62	1058.52	843.71	27.38
March	765.79	6.82	1090.36	6.78	1068.31	851.24	7.52
April	771.28	5.50	1103.73	7.02	1086.48	874.14	22.90

	1USD	Changes on USD	1£stg	1YEN	1DTS	1EURO	Changes EURO
May	776.37	5.09	1127.19	7.12	1094.92	878.25	4.11
June	780.19	3.82	1109.16	7.38	1099.05	875.36	-2.88
July	788.52	8.33	1035.97	7.55	1096.05	872.03	-3.33
August	800.29	11.77	1049.79	7.91	1119.88	897.31	25.28
September	808.90	8.60	1063.98	7.94	1131.63	906.81	9.50
October	811.90	3.00	1004.26	7.83	1121.21	896.30	-10.51
November	815.24	3.34	1013.32	7.54	1113.82	880.74	-15.56
December	818.54	3.30	1022.35	7.06	1102.69	863.22	-17.52
2017							
January	821.47	2.93	1016.44	7.16	1113.52	878.01	14.79
February	824.11	2.64	1036.57	7.30	1121.15	884.90	6.88
March	825.01	0.90	1018.08	7.30	1117.78	881.47	-3.43
April	826.72	1.70	1045.35	7.51	1125.87	886.13	4.66
May	827.69	0.98	1069.05	7.37	1138.23	914.99	28.86
June	829.52	1.83	1063.09	7.48	1148.53	933.54	18.55
July	831.17	1.65	1080.24	7.39	1159.38	958.11	24.57
August	833.53	2.36	1080.86	7.58	1175.87	983.61	25.50
September	836.29	2.76	1112.35	7.56	1187.89	996.32	12.72
October	839.19	2.90	1107.85	7.43	1183.15	986.58	-9.74
November	841.86	2.66	1113.15	7.46	1185.37	987.82	1.24
December	844.09	2.23	1132.10	7.48	1194.10	998.71	10.89
2018							
January	846.41	2.32	1169.57	7.63	1216.52	1032.39	33.68
February	848.82	2.41	1186.68	7.87	1232.52	1048.97	16.58
March	851.42	2.60	1189.09	8.03	1236.61	1050.47	1.50
April	853.91	2.49	1203.03	7.93	1239.14	1048.82	-1.65
May	856.05	2.14	1153.09	7.80	1219.88	1011.86	-36.96
June	858.52	2.47	1141.09	7.81	1214.01	1003.17	-8.69
July	861.30	2.78	1134.34	7.72	1210.32	1006.93	3.76
August	864.40	3.11	1113.84	7.78	1206.65	999.18	-7.74
September	867.67	3.27	1132.05	7.75	1215.28	1011.54	12.36
October	871.42	3.74	1134.24	7.72	1212.65	1001.27	-10.27
November	875.14	3.73	1129.50	7.72	1211.70	994.96	-6.31
December	878.07	2.93	1111.84	7.81	1216.25	998.85	3.90

Source: BNR, Statistics Department

Table 11.1.8: Interest Rates Structure

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Deposit rate	7.34	7.95	8.23	7.49	8.71	8.33	6.82	6.36	7.29	7.44	6.36	7.74
Lending rate	17.23	16.84	17.08	16.81	16.91	17.03	17.54	16.71	17.23	17.15	16.79	16.14
Repo Rate	4.07	4.03	3.98	4.04	4.15	4.38	4.52	4.42	4.40	4.08	4.27	4.35
Reverse Repo												
Discount rate	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50
Interbank rate	5.80	5.53	5.24	5.60	5.75	5.58	5.64	5.68	5.57	5.48	5.35	5.67
Weight average rate on T-bill market	6.89	6.66	6.27	5.79	5.78	5.92	5.87	5.80	5.75	5.92	6.36	6.64
28 days	5.36	5.15	4.90	5.16	4.99	4.96	4.97	4.90	4.69	5.01	5.48	5.55
91 days	6.33	6.05	5.58	5.26	5.27	5.39	5.28	5.14	5.05	5.22	5.67	5.88
182 days	7.53	7.35	6.90	6.25	6.58	6.38	6.51	6.40	6.45	6.41	6.88	7.28
364 days	8.33	8.10	7.71	6.50	6.28	6.95	6.74	6.76	6.82	7.04	7.41	7.85
T-Bonds market (New)												
T-bond 2 yrs												
T-bond 3 yrs	-	-	-	-	-	-	-	-	-	-	11.15	-
T-bond 5 yrs	-	11.80	-	-	-	-	-	-	-	-	-	-
T-bond 7 yrs	-	-	-	-	-	12.18	-	-	-	-	-	-
T-bond 10 yrs	-	-	-	-	12.50	-	-	-	12.20	-	-	-
T-bond 15 yrs	-	-	-	-	-	-	-	12.90	-	-	-	-
T-bond 20 yrs												
3 to 12 months BNR liquidity facility												
Key Repo Rate	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50

Source: BNR, Statistics Department

Table 11.1.9: Balance of Payment in USD Million

	2011	2012	2013	2014	2015	2016	2017	2018
A. Current Account	-468.5	-747.2	-556.3	-945.8	-1267.3	-1352.5	-710.5	-739.1
Balance on goods and services	-1209.1	-1276.6	-1165.5	-1335.1	-1562.2	-1569.6	-987.8	-1094.3
Goods (Trade Balance)	-1104.8	-1273.7	-1150.8	-1268.6	-1236.6	-1309.5	-829.2	-908.5
Exports f.o.b.	464.2	590.8	703.0	723.1	682.0	726.6	1050.2	1125.8
Of which: coffee	74.6	60.9	54.9	59.7	62.0	58.5	64.1	68.7
Tea	63.9	65.7	55.5	51.8	72.5	63.4	84.3	90.5
Imports f.o.b.	1569.1	1864.4	1853.8	1991.7	1918.7	2036.2	1879.4	2034.3
Services (net)	-104.3	-2.9	-14.7	-66.5	-325.6	-260.1	-158.6	-185.8
Services: credit	514.1	515.7	575.2	589.3	788.3	807.8	930.3	916.8
Services: debit	618.4	518.6	589.9	655.8	1113.9	1067.9	1088.9	1102.6
Primary income (net) = Income in BPM5	-57.2	-102.7	-131.8	-188.8	-241.4	-307.1	-319.1	-301.9
Primary income: credit	20.1	10.7	15.7	16.3	11.5	9.3	20.0	18.6
Primary income: debit	77.3	113.4	147.5	205.1	252.9	316.4	339.1	320.5
Secondary income (net) = Transfers in BPM5	797.8	632.1	741.0	578.0	536.4	524.2	596.4	657.0
Secondary income: credit	872.4	710.6	817.4	662.2	614.9	612.4	695.1	752.1
Secondary income: debit	74.5	78.5	76.4	84.2	78.5	88.2	98.7	95.1
Private transfers net	133.3	183.0	181.4	179.9	165.9	180.3	220.7	311.1
o/w: Remittances from diaspora (net)	110.2	118.3	114.8	119.5	102.4	107.4	149.6	201.9
o/w: Private transfers for churches and associations(net)	23.1	64.7	66.5	60.4	63.5	72.9	71.1	109.2
Official transfers net	664.5	449.1	559.6	398.1	370.4	343.9	375.7	346.0
B. Capital Account	196.7	171.2	234.5	337.1	299.9	190.0	189.7	244.5
Capital account: credit (PIP)	196.7	171.2	234.5	337.1	299.9	190.0	189.7	244.5
Capital account: debit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net lending(+)/ net borrowing (-) (balance from current and capital accounts)	-271.9	-575.9	-321.8	-608.7	-967.4	-1162.5	-520.8	-494.6
C. Financial Account: Net lending(+)/ net borrowing (-)	-533.2	-397.3	-661.2	-648.8	-774.3	-1004.6	-586.2	-646.6
Direct investment	-119.1	-255.0	-257.6	-311.0	-219.9	-218.5	-254.4	-283.6
Portfolio investment	-87.6	-5.9	-1.7	-1.0	-7.9	-4.9	74.1	12.9
Other investment	-326.6	-136.4	-401.9	-336.8	-546.6	-781.2	-405.8	-376.0
Other investment: assets	2.5	-5.1	17.2	-0.3	-73.0	19.4	-33.4	126.1
Other investment: liabilities	329.0	131.3	419.1	336.6	473.6	800.6	372.5	502.1

	2011	2012	2013	2014	2015	2016	2017	2018
Net errors and omissions	-27.1	-33.8	-111.0	-130.5	164.5	147.8	27.2	-18.7
Overall balance	234.3	-212.4	228.5	-90.4	-28.5	-10.0	92.6	133.3
Reserve Assets	234.3	-212.4	228.5	-90.4	-28.5	-10.0	92.6	133.3
For the record								
Gross official reserves (Mil USD)	1050.0	850.3	1070.0	950.8	922.3	1001.5	1163.3	1319.1
Gross reserves in month of imports G&S	5.3	4.2	4.8	3.9	3.6	4.0	4.5	4.6
Gross reserves in months of CIF imports of goods	5.5	4.4	5.2	4.8	4.4	4.7	5.5	5.7
Gross reserves in months of FOB imports of goods	6.8	5.5	6.4	5.9	5.4	5.8	6.4	
Trade balance (in percent of GDP)	-18.6	-17.4	-15.3	-15.8	-14.9	-15.4	-9.1	-9.6
Current account balance in percent of GDP (including official transfers)	-7.2	-10.2	-7.3	-11.8	-15.3	-15.9	-7.8	-7.8
Current account balance in percent of GDP (excluding official transfers)	-17.5	-16.4	-14.6	-16.8	-19.7	-19.9	-11.9	-11.4
Overall balance (in percent of GDP)	3.6	-2.9	3.0	-1.1	-0.3	-0.1	1.0	1.4
GDP (millions \$US, Current)	6491.8	7315.7	7622.5	8009.5	8294.2	8514.6	9130.3	9500.6
GDP (billions in RFW, current)	3897.0	4494.0	4929.0	5466.0	5968.0	6672.0	7600.0	8190.0
Exchange rate of 1 USD (RFW/1 USD), end period	604.1	631.4	670.1	694.4	747.4	819.8	845.0	879.1
Imports of goods and services	2187.5	2383.0	2443.7	2647.4	3032.5	3104.0	2968.3	3136.9
Exchange rate average (RFW/1 USD)	600.3	614.3	646.6	682.4	719.6	787.3	832.4	861.1

Source: BNR, Statistics Department

Table 11.1.10: Operation of the central government in calendar year

Description	2011	2012	2013	2014	2015	2016	2017	2018
Revenue and grants	984.8	1,043.4	1,258.4	1,323.0	1,457.4	1,565.2	1,736.9	1,975.4
Total revenue	541.6	697.9	799.2	901.2	1,082.9	1,225.8	1,377.2	1,576.7
Tax revenue	505.0	645.8	707.0	808.5	928.1	1,044.6	1,180.0	1,324.7
Direct taxes	198.6	289.9	310.4	328.9	385.6	436.2	497.4	575.7
Taxes on goods and services	265.7	305.9	345.3	421.5	466.6	522.9	585.8	645.6
Taxes on international trade	40.7	50.0	51.3	58.1	75.9	85.5	96.8	103.4
Non-tax revenue	36.7	52.1	92.2	92.7	154.8	181.2	197.3	252.0
Total Grants	443.1	345.5	459.2	421.8	374.6	339.3	359.7	398.7
Budgetary grants	301.1	151.0	229.8	150.3	154.4	194.4	201.3	187.3
Capital grants	142.1	194.5	229.4	271.5	212.3	145.0	158.4	211.4
Total expenditure and net lending	998.1	1,174.5	1,454.3	1,651.2	1,749.5	1,813.7	2,093.3	2,359.3
Current expenditure	572.4	641.5	672.1	840.5	866.0	1,019.2	1,115.7	1,249.0
Wages and salaries	130.4	158.7	179.1	196.9	217.3	275.1	306.7	333.8
Purchases of goods and services	139.1	146.2	124.1	179.7	157.6	180.1	212.7	210.4
Interest payments	16.6	19.1	41.3	41.1	51.4	66.1	79.7	97.6
Domestic Int (paid)	11.8	11.5	19.0	14.2	22.3	31.5	40.4	52.7
External Int (paid)	4.9	7.6	22.3	26.9	29.2	34.7	39.3	44.9
Transfers	223.2	238.4	250.4	276.7	302.5	312.3	355.2	418.8
Exceptional social expenditure	63.1	79.2	77.2	146.0	137.2	164.8	161.4	188.4
Capital expenditure	447.9	513.9	649.5	717.7	776.2	701.3	814.9	939.9
Domestic	209.3	223.2	258.2	333.9	438.4	435.7	463.3	504.0
Foreign	238.6	290.7	391.2	383.8	337.8	265.6	351.6	435.9
Net lending	-22.2	19.2	132.8	70.1	107.4	93.1	162.7	170.4
Primary deficit (including exceptional)	-223.5	-147.6	-89.8	-231.1	-170.1	-162.9	-122.1	-78.7
Primary deficit (excluding exceptional)	-160.4	-68.5	-12.5	-86.1	-32.9	1.9	39.3	109.7
Domestic Fiscal Balance	-154.8	-106.8	-186.6	-222.6	-218.9	-183.1	-233.4	-192.7
Overall deficit (payment order)								
Including grants	-13.3	-131.1	-195.9	-328.2	-292.1	-248.5	-356.3	-383.9
Excluding grants	-456.5	-476.7	-655.1	-750.1	-666.7	-587.8	-716.1	-782.6
Change in arrears (net reduction-)	-13.1	28.6	-52.0	34.0	-22.2	-54.6	27.0	-7.8

Description	2011	2012	2013	2014	2015	2016	2017	2018
Domestic	-13.1	28.6	-52.0	34.0	-22.2	-54.6	27.0	-7.8
Overall deficit (cash basis)								
Including grants	-26.4	-102.5	-247.9	-294.3	-314.3	-303.1	-329.3	-391.7
Excluding grants	-469.5	-448.0	-707.0	-716.1	-688.9	-642.5	-689.0	-790.3
Financing	26.4	102.5	247.9	294.3	314.3	303.1	329.3	391.7
Foreign financing (net)	133.2	55.0	331.1	181.2	254.2	274.8	314.8	405.9
Drawings	142.4	67.9	343.0	194.8	269.7	294.6	338.9	432.4
Amortization (due)	-9.2	-12.9	-11.9	-13.8	-15.6	-19.8	-24.1	-26.6
Domestic financing	-106.8	47.5	-83.2	113.1	60.1	28.4	14.5	-14.2
Banking system (Monetary Survey)	-92.1	75.1	-50.2	166.2	90.1	-27.3	45.4	-61.3
Non-bank (Net)	-20.4	17.4	-48.2	13.3	4.5	79.3	-31.2	64.8
Errors and omissions	5.7	-4.9	15.4	-66.4	-34.5	-23.6	0.3	-17.8

Source: MINECOFIN

11.2 Insurance

Table 11.2.1: RSSB/Pension

Membership		2012-2013	2013-2014	2015-2016	2016-2017	2017-2018
Number of members	Total	852,359	938,741	1,088,535	1,176,079	1,251,266
	Male	673,705	742,308	839,530	901,809	965,809
	Female	178,654	196,433	249,005	274,270	285,457
Active Members (declared members)	Total	352,085	380,001	446,407	465,579	472,560
	Male	247,577	267,730	312,058	325,459	330,340
	Female	104,508	112,271	134,349	140,120	142,220
Passive Members	Total	500,274	558,740	642,128	710,500	778,706
	Male	426,128	474,578	527,472	576,350	635,469
	Female	74,146	84,162	114,656	134,150	143,237
Contributions		53,123,305,064	55,595,783,318	74,695,389,570	74,896,986,022	83,344,079,589
Employees contribution		19,921,239,399	20,848,418,744	28,010,771,088	28,086,369,758	31,254,029,844
Employers contribution	Total	33,202,065,665	34,747,364,574	46,684,618,482	46,810,616,264	52,090,049,745
	Public	16,222,693,071	16,474,631,687	22,810,334,884	22,194,133,897	31,359,152,258
	Private	16,979,372,594	18,272,732,887	23,874,283,598	24,616,482,367	20,730,897,487

Source: RSSB

Table 11.2.2: Total Number of members (Active and passive) by sex and by district

District	2015- 2016			2016-2017			2017-2018		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
Bugesera	9,842	3,389	13,231	10,024	4,113	14,138	10,845	4,063	14,908
Burera	8,758	3,461	12,219	10,900	3,107	14,006	10,723	3,518	14,241
Gakenke	7,597	2,324	9,920	6,979	3,154	10,133	7,887	2,931	10,818
Gasabo	58,700	22,047	80,747	63,878	24,361	88,239	67,363	25,308	92,671
Gatsibo	9,595	3,430	13,025	9,027	4,088	13,115	10,087	4,058	14,145
Gicumbi	13,531	4,969	18,500	14,751	5,694	20,445	15,458	5,763	21,221
Gisagara	8,544	2,716	11,260	7,605	3,653	11,258	8,837	3,463	12,300
Huye	14,840	5,443	20,283	13,745	7,046	20,792	15,737	6,883	22,620
Kamonyi	9,831	2,615	12,446	7,484	3,954	11,439	9,423	3,550	12,973
Karongi	17,314	8,063	25,377	15,658	10,057	25,715	18,113	10,058	28,171
Kayanza	13,727	4,548	18,275	14,699	4,409	19,107	15,746	4,890	20,636
Kicukiro	51,260	20,374	71,634	58,706	24,086	82,793	60,112	24,229	84,341
Kirehe	6,452	2,064	8,516	6,956	2,336	9,292	7,359	2,375	9,734
Muhanga	11,648	3,190	14,838	9,784	4,337	14,121	11,757	4,080	15,837
Musanze	13,116	4,265	17,381	12,933	5,468	18,401	14,253	5,281	19,534
Ngoma	1,672	461	2,133	1,330	616	1,946	1,649	587	2,236
Ngororero	10,669	2,845	13,514	10,991	4,171	15,162	11,899	3,788	15,687
Nyabihu	7,580	2,615	10,194	8,170	4,920	13,091	8,501	4,065	12,566
Nyagatare	14,923	5,775	20,699	17,645	6,790	24,436	17,912	6,812	24,724
Nyamagabe	12,940	3,972	16,912	13,231	7,530	20,761	14,212	6,173	20,385
Nyamasheke	16,271	5,923	22,194	15,473	8,236	23,709	17,244	7,681	24,925
Nyanza	7,463	2,415	9,878	6,601	3,290	9,891	7,650	3,089	10,739
Nyarugenge	402,540	96,759	499,299	465,044	82,019	547,063	487,517	98,058	585,575
Nyaruguru	20,028	8,028	28,056	15,026	11,839	26,865	19,055	10,961	30,016
Rubavu	18,123	6,213	24,336	16,703	7,842	24,545	19,010	7,637	26,647
Ruhango	8,601	2,556	11,157	7,184	3,381	10,565	8,636	3,224	11,860
Rulindo	29,224	7,379	36,603	29,390	8,136	37,526	32,471	8,384	40,855
Rusizi	15,763	4,901	20,665	14,765	6,412	21,177	16,705	6,134	22,839
Rutsiro	10,623	3,531	14,154	9,183	5,675	14,858	10,751	5,005	15,756
Rwamagana	8,356	2,734	11,090	7,943	3,547	11,490	8,897	3,409	12,306

District	2015- 2016			2016-2017			2017-2018		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
Total	839,530	249,005	1,088,535	901,809	274,270	1,176,079	965,809	285,457	1,251,266

Source: RSSB

Table 11.2.3: Active Members (declared members) by Sex and by district

Districts	2015-2016			2016-2017			2017-2018		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
Bugesera	5,487	2,024	7,511	4,798	2,417	7,215	5,329	2,301	7,630
Burera	4,583	2,554	7,137	5,745	2,016	7,761	5,352	2,368	7,720
Gakenke	4,936	1,631	6,567	3,828	2,246	6,074	4,541	2,009	6,550
Gasabo	27,672	11,889	39,561	28,031	12,614	40,645	28,863	12,697	41,560
Gatsibo	6,255	2,202	8,457	4,764	2,492	7,256	5,710	2,432	8,142
Gicumbi	7,208	3,138	10,346	7,113	3,393	10,506	7,421	3,384	10,805
Gisagara	4,677	1,374	6,051	3,315	2,166	5,481	4,141	1,834	5,975
Huye	7,578	2,214	9,792	4,925	3,121	8,046	6,479	2,764	9,243
Kamonyi	6,248	1,513	7,761	3,239	2,520	5,759	4,916	2,090	7,006
Karongi	8,910	2,608	11,518	6,184	3,884	10,068	7,821	3,364	11,185
Kayonza	5,449	2,547	7,996	5,319	2,087	7,406	5,580	2,401	7,981
Kicukiro	27,672	11,298	38,970	27,847	12,466	40,313	28,767	12,314	41,081
Kirehe	3,033	1,301	4,334	3,222	1,453	4,675	3,241	1,427	4,668
Muhanga	6,186	1,685	7,871	3,926	2,713	6,639	5,240	2,279	7,519
Musanze	6,939	2,399	9,338	5,989	3,194	9,183	6,699	2,898	9,597
Ngoma	870	221	1,091	515	363	878	718	303	1,021
Ngororero	5,359	1,819	7,178	4,561	2,544	7,105	5,140	2,261	7,401
Nyabihu	5,310	1,775	7,085	4,529	2,963	7,492	5,098	2,455	7,553
Nyagatare	6,811	3,349	10,160	7,753	3,966	11,719	7,547	3,790	11,337
Nyamagabe	8,035	2,477	10,512	6,821	5,320	12,141	7,698	4,040	11,738
Nyamasheke	10,188	3,270	13,458	7,727	4,906	12,633	9,283	4,237	13,520
Nyanza	4,517	1,334	5,851	3,248	2,061	5,309	4,024	1,759	5,783
Nyarugenge	77,551	51,028	128,579	130,135	33,528	163,663	107,615	43,814	151,429
Nyaruguru	13,085	3,030	16,115	6,479	5,256	11,735	10,137	4,294	14,431
Rubavu	10,605	3,541	14,146	7,462	4,351	11,813	9,362	4,089	13,451
Ruhango	4,833	1,366	6,199	3,019	2,002	5,021	4,069	1,745	5,814
Rulindo	11,900	4,579	16,479	10,219	4,940	15,159	11,461	4,932	16,393
Rusizi	8,613	2,821	11,434	6,511	3,760	10,271	7,837	3,410	11,247
Rutsiro	6,772	1,818	8,590	4,556	3,312	7,868	5,870	2,658	8,528
Rwamagana	4,776	1,544	6,320	3,679	2,066	5,745	4,381	1,871	6,252
Total	312,058	134,349	446,407	325,459	140,120	465,579	330,340	142,220	472,560

Source: RSSB

Table 11.2.4: Passive Members by Sex and by district

Districts	2015-2016			2016-2017			2017-2018		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
Bugesera	4,355	1,365	5,720	5,226	1,696	6,923	5,516	1,762	7,278
Burera	4,175	907	5,082	5,155	1,091	6,245	5,371	1,150	6,521
Gakenke	2,661	693	3,353	3,151	908	4,059	3,346	922	4,268
Gasabo	31,028	10,158	41,186	35,847	11,747	47,594	38,500	12,611	51,111
Gatsibo	3,340	1,228	4,568	4,263	1,596	5,859	4,377	1,626	6,003
Gicumbi	6,323	1,831	8,154	7,638	2,301	9,939	8,037	2,379	10,416
Gisagara	3,867	1,342	5,209	4,290	1,487	5,777	4,696	1,629	6,325
Huye	7,262	3,229	10,491	8,820	3,925	12,746	9,258	4,119	13,377
Kamonyi	3,583	1,102	4,685	4,245	1,434	5,680	4,507	1,460	5,967
Karongi	8,404	5,455	13,859	9,474	6,173	15,647	10,292	6,694	16,986
Kayonza	8,278	2,001	10,279	9,380	2,322	11,701	10,166	2,489	12,655
Kicukiro	23,588	9,076	32,664	30,859	11,620	42,480	31,345	11,915	43,260
Kirehe	3,419	763	4,182	3,734	883	4,617	4,118	948	5,066
Muhanga	5,462	1,505	6,967	5,858	1,624	7,482	6,517	1,801	8,318
Musanze	6,177	1,866	8,043	6,944	2,274	9,218	7,554	2,383	9,937
Ngoma	802	240	1,042	815	253	1,068	931	284	1,215
Ngororero	5,310	1,026	6,336	6,430	1,627	8,057	6,759	1,527	8,286
Nyabihu	2,270	840	3,109	3,641	1,957	5,599	3,403	1,610	5,013
Nyagatare	8,112	2,426	10,539	9,892	2,824	12,717	10,365	3,022	13,387
Nyamagabe	4,905	1,495	6,400	6,410	2,210	8,620	6,514	2,133	8,647
Nyamasheke	6,083	2,653	8,736	7,746	3,330	11,076	7,961	3,444	11,405
Nyanza	2,946	1,081	4,027	3,353	1,229	4,582	3,626	1,330	4,956
Nyarugenge	324,989	45,731	370,720	334,909	48,491	383,400	379,902	54,244	434,146
Nyaruguru	6,943	4,998	11,941	8,547	6,583	15,130	8,918	6,667	15,585
Rubavu	7,518	2,672	10,190	9,241	3,491	12,732	9,648	3,548	13,196
Ruhango	3,768	1,190	4,958	4,165	1,379	5,544	4,567	1,479	6,046
Rulindo	17,324	2,800	20,124	19,171	3,196	22,367	21,010	3,452	24,462
Rusizi	7,150	2,080	9,231	8,254	2,652	10,906	8,868	2,724	11,592
Rutsiro	3,851	1,713	5,564	4,627	2,363	6,990	4,881	2,347	7,228
Rwamagana	3,580	1,190	4,770	4,264	1,481	5,745	4,516	1,538	6,054
Total	527,472	114,656	642,128	576,350	134,150	710,500	635,469	143,237	778,706

Source: RSSB

Table 11.2.5: Pension Amount by categories and by sex

Year	2011-2012	2012-2013	2013-2014	2015-2016	2016-2017	2017-2018
Pension benefits by sex						
Male	5,755,573,652	6,956,309,148	8,343,716,776	11,104,333,480	12,524,231,853	14,768,493,224
Female	2,373,914,120	2,735,023,946	3,383,054,339	4,439,893,468	5,007,617,549	6,032,201,458
Total	8,129,487,772	9,691,333,094	11,726,774,115	15,544,226,948	17,531,849,402	20,800,694,682
Occupational hazards benefits by sex						
Male	183,238,593	160,507,253	183,616,414	282,314,130	360,223,269	425,287,641
Female	110,265,854	163,438,987	141,085,294	206,674,487	263,709,645	311,341,499
Total	293,504,447	323,946,240	324,701,708	488,988,617	623,932,914	736,629,140
Medical care benefits by Sex						
Male	4,641,827,765	6,571,845,998	6,713,934,528	8,667,298,089	9,895,327,835	11,683,230,395
Female	4,793,271,488	4,350,284,629	6,212,247,743	7,824,215,411	8,932,792,636	10,546,782,903
Total	9,435,099,253	10,922,130,627	12,926,182,271	16,491,513,500	18,828,120,471	22,230,013,298
General Total	17,858,091,472	20,937,409,961	24,977,658,094	32,524,729,065	36,983,902,787	43,767,337,120

Source: RSSB

Table 11.2.6: Total Contributions by district

Districts	2011-2012	2012-2013	2013-2014	2015-2016	2016-2017	2017-2018
Gasabo	13,927,442,989	17,911,436,488	18,870,877,473	24,981,180,117	24,855,972,739	31,538,099,997
Nyarugenge	12,844,751,402	15,255,012,582	15,684,260,318	22,163,070,531	22,825,823,648	22,416,935,700
Kicukiro	3,540,022,842	4,055,115,153	4,422,153,048	6,173,964,247	6,426,185,171	10,949,426,411
Huye	1,288,737,142	1,528,446,481	1,570,102,026	2,204,060,920	2,259,980,313	1,230,561,055
Musanze	761,979,167	938,306,281	948,610,253	1,314,310,841	1,329,486,767	887,170,018
Muhanga	538,553,921	646,135,868	665,716,214	929,362,162	950,517,033	826,640,652
Rubavu	626,233,430	783,633,753	824,510,971	1,093,306,784	1,088,569,591	991,280,785
Gicumbi	477,597,081	617,016,881	669,865,996	822,536,532	783,814,975	792,683,861
Nyamagabe	468,600,304	622,855,693	648,489,135	783,469,566	725,383,070	704,971,446
Rwamagana	396,758,608	515,003,427	554,457,350	668,482,314	626,131,936	727,877,315
Ngoma	413,879,759	512,197,888	515,804,860	687,833,953	677,147,359	585,022,706
Nyamasheke	472,665,074	620,161,421	635,130,466	808,344,487	774,218,156	789,619,740
Nyagatare	438,440,256	551,041,669	641,143,760	742,485,622	693,940,127	421,815,216
Bugesera	351,269,175	483,553,985	527,541,379	625,916,000	581,863,287	634,263,651
Nyabihu	349,613,058	416,758,514	415,699,254	593,604,688	609,480,210	537,129,742
Gakenke	362,764,883	491,062,693	534,379,717	647,382,763	611,138,216	464,543,647
Nyanza	368,101,296	447,238,154	468,190,432	606,750,340	593,553,128	548,786,150
Rulindo	777,006,388	947,861,892	952,893,589	1,208,594,109	1,146,402,494	927,086,257
Ruhango	344,016,818	458,711,729	482,193,998	587,074,039	548,990,304	480,256,964
Gatsibo	335,994,358	421,868,524	457,447,723	550,598,467	516,460,809	555,695,258
Kamonyi	310,667,133	396,391,637	423,386,889	533,233,532	514,709,425	449,343,789
Karongi	426,628,611	532,607,518	664,717,563	752,698,543	709,084,881	1,065,504,148
Kayonza	542,545,990	665,355,466	714,372,125	905,973,154	880,548,499	840,005,341
Ngororero	351,502,728	471,903,485	407,953,605	594,555,351	588,631,404	508,829,968
Burera	345,279,027	458,192,491	495,161,117	597,640,918	561,070,347	465,436,538
Gisagara	294,979,431	405,722,872	398,154,600	500,381,142	466,753,118	433,658,233
Kirehe	313,664,937	356,783,123	391,198,838	506,714,788	503,460,787	413,979,946
Rutsiro	268,174,432	397,007,420	390,628,080	482,995,721	445,174,935	436,841,149
Nyaruguru	332,302,962	442,931,574	466,159,749	564,776,247	526,343,297	567,726,970
Rusizi	620,239,569	772,990,402	754,582,790	1,064,091,692	1,076,149,995	1,152,886,936
Total	42,890,412,771	53,123,305,064	55,595,783,318	74,695,389,570	74,896,986,022	83,344,079,589

Source: RSSB

Table 11.2.7: Employers contribution by district and by categories

Districts	2015-2016			2016-2017			2017-2018		
	Public	Private	Total	Public	Private	Total	Public	Private	Total
Bugesera	268,483,999	156,462,022	424,946,021	278,343,550	165,787,706	444,131,256	11,474,692,528	8,236,619,970	19,711,312,498
Burera	313,353,827	89,304,578	402,658,405	303,209,598	113,645,950	416,855,548	11,316,242,431	2,694,342,382	14,010,584,813
Gakenke	325,469,466	106,075,189	431,544,655	345,191,784	104,688,783	449,880,567	4,182,027,825	2,661,363,682	6,843,391,507
Gasabo	8,453,927,148	7,286,598,030	15,740,525,178	8,151,699,421	7,737,719,703	15,889,419,124	196,098,719	573,001,940	769,100,659
Gatsibo	291,591,812	79,145,182	370,736,994	299,607,903	85,491,281	385,099,184	277,208,220	277,273,041	554,481,261
Gicumbi	380,068,076	162,164,801	542,232,877	376,514,813	187,429,645	563,944,458	241,220,125	275,430,283	516,650,408
Gisagara	266,642,372	89,905,864	356,548,236	256,881,655	78,303,428	335,185,083	332,096,357	287,454,134	619,550,491
Huye	1,085,630,679	257,564,231	1,343,194,910	1,051,822,198	269,948,810	1,321,771,008	176,796,673	318,630,740	495,427,413
Kamonyi	235,894,094	112,453,876	348,347,970	235,221,948	121,218,528	356,440,476	159,454,110	281,153,044	440,607,154
Karongi	243,766,029	224,288,113	468,054,142	313,711,368	245,920,341	559,631,709	155,154,286	299,769,036	454,923,322
Kayonza	348,372,625	236,332,152	584,704,777	338,190,512	263,245,445	601,435,957	78,848,412	286,790,779	365,639,191
Kicukiro	1,064,474,511	2,499,150,451	3,563,624,962	1,087,712,389	2,636,264,312	3,723,976,701	186,597,332	306,915,006	493,512,338
Kirehe	265,812,244	47,727,864	313,540,108	267,788,380	61,535,469	329,323,849	108,996,637	154,637,873	263,634,510
Muhanga	347,349,243	220,473,327	567,822,570	334,454,860	226,010,315	560,465,175	190,528,199	205,886,583	396,414,782
Musanze	408,338,252	416,242,939	824,581,191	403,083,980	395,575,623	798,659,603	132,679,572	203,026,517	335,706,089
Ngoma	274,484,652	175,633,560	450,118,212	276,595,110	157,578,572	434,173,682	59,656,221	230,683,558	290,339,779
Ngororero	330,839,255	83,868,336	414,707,591	292,473,663	50,966,232	343,439,895	76,551,237	266,440,107	342,991,344
Nyabihu	274,724,447	91,521,882	366,246,329	267,216,656	82,738,689	349,955,345	344,148,065	235,280,846	579,428,911
Nyagatare	293,202,413	191,051,616	484,254,029	316,046,666	223,784,754	539,831,420	72,527,667	227,632,936	300,160,603
Nyamagabe	318,820,530	228,543,481	547,364,011	328,796,183	217,164,467	545,960,650	82,592,414	264,717,122	347,309,536
Nyamasheke	339,483,468	205,512,823	544,996,291	334,382,947	200,326,632	534,709,579	78,095,643	202,744,225	280,839,868
Nyanza	292,881,975	100,149,786	393,031,761	300,458,563	93,686,524	394,145,087	329,475,447	336,464,646	665,940,093
Nyarugenge	4,161,191,103	9,244,875,451	13,406,066,554	3,832,393,824	9,373,537,142	13,205,930,966	263,256,095	261,747,243	525,003,338
Nyaruguru	275,296,367	113,950,782	389,247,149	280,867,706	111,574,448	392,442,154	39,970,021	278,048,709	318,018,730
Rubavu	328,458,542	360,196,824	688,655,366	348,268,022	345,909,926	694,177,948	69,351,728	221,546,108	290,897,836
Ruhango	249,463,242	153,651,468	403,114,710	251,195,304	155,241,541	406,436,845	103,794,135	167,242,261	271,036,396
Rulindo	375,053,731	457,924,908	832,978,639	365,181,966	437,100,786	802,282,752	60,916,558	197,820,908	258,737,466
Rusizi	377,194,484	302,107,529	679,302,013	332,836,720	302,461,729	635,298,449	46,426,796	226,598,922	273,025,718
Rutsiro	311,591,451	37,297,669	348,889,120	286,281,085	42,555,476	328,836,561	110,167,792	244,661,564	354,829,356
Rwamagana	308,474,847	144,108,864	452,583,711	337,705,123	129,070,110	466,775,233	413,581,013	306,973,322	720,554,335
Total	22,810,334,884	23,874,283,598	46,684,618,482	22,194,133,897	24,616,482,367	46,810,616,264	31,359,152,258	20,730,897,487	52,090,049,745

Source: RSSB

Table 11.2.8: Total Number of contributing Institutions by District and by Categories

District	2015-2016			2016-2017			2017-2018		
	Public	Private	Total	Public	Private	Total	Public	Private	Total
Bugesera	29	193	222	25	193	218	256	20	276
Burera	55	150	205	73	146	219	165	57	222
Gakenke	98	131	229	87	124	211	122	71	192
Gasabo	225	2,387	2,612	165	2433	2,598	2,917	126	3,042
Gatsibo	100	174	274	126	168	294	183	93	277
Gicumbi	90	179	269	77	176	253	183	56	239
Gisagara	49	126	175	59	122	181	119	47	166
Huye	86	356	442	73	350	423	379	76	455
Kamonyi	94	149	243	108	149	257	181	80	262
Karongi	180	197	377	201	193	394	212	149	361
Kayonza	66	235	301	65	209	274	236	49	285
Kicukiro	43	1,316	1,359	37	1301	1,338	1,369	33	1,402
Kirehe	57	165	222	44	171	215	187	33	221
Muhanga	84	274	358	80	255	335	313	59	372
Musanze	63	515	578	64	529	593	496	48	544
Ngoma	51	179	230	41	183	224	208	35	243
Ngororero	66	74	140	67	98	165	97	62	159
Nyabihu	61	96	157	85	89	174	94	61	155
Nyagatare	109	225	334	108	218	326	226	78	304
Nyamagabe	78	172	250	89	184	273	194	67	261
Nyamasheke	80	131	211	81	129	210	158	81	239
Nyanza	115	138	253	118	141	259	139	84	223
Nyarugenge	115	3,486	3,601	85	3337	3,422	3,573	69	3,642
Nyaruguru	78	108	186	93	97	190	110	82	192
Rubavu	135	337	472	125	330	455	394	102	496
Ruhango	70	148	218	81	139	220	162	51	213
Rulindo	101	114	215	91	117	208	140	73	213
Rusizi	74	272	346	59	248	307	300	56	356
Rutsiro	127	99	226	137	109	246	121	98	219
Rwamagana	74	182	256	64	162	226	202	55	257
Total	2,653	12,308	14,961	2608	12100	14,708	13,436	2,095	15,531

Source: RSSB

Table 11.2.9: Registrations to Mutuelles de Sante statistics by District

District	2015-2016	2016-2017	2017-2018
Bugesera	275,959	273,779	296,434
Burera	288,473	287,145	290,457
Gakenke	300,274	296,601	319,087
Gasabo	366,550	342,979	354,123
Gatsibo	310,531	355,726	347,082
Gicumbi	329,314	332,639	342,442
Gisagara	257,086	297,162	287,046
Huye	254,627	245,142	232,392
Kamonyi	306,449	269,762	277,884
Karongi	237,358	252,207	256,145
Kayonza	264,165	248,853	275,034
Kicukiro	194,962	147,361	173,686
Kirehe	291,497	323,460	292,662
Muhanga	240,469	229,998	242,564
Musanze	290,771	285,890	284,560
Ngoma	254,871	256,747	255,627
Ngororero	265,123	263,188	286,391
Nyabihu	214,891	212,548	221,378

District	2015-2016	2016-2017	2017-2018
Nyagatare	335,819	334,842	380,182
Nyamagabe	226,423	241,772	237,842
Nyamasheke	283,842	365,780	364,390
Nyanza	208,612	224,442	228,320
Nyarugenge	199,652	186,452	193,371
Nyaruguru	192,139	213,380	211,291
Rubavu	263,733	279,879	298,972
Ruhango	213,540	234,213	253,958
Rulindo	240,396	247,008	251,061
Rusizi	312,860	331,074	333,775
Rutsiro	234,800	244,183	241,022
Rwamagana	251,638	251,070	272,296
Prisoners	-	-	54,000
Totals	7,906,824	8,075,283	8,355,474

Source: RSSB

11.3 Public Finance

Table 11.3.1: Operation of the central government in calendar year

Description	2013	2014	2015	2016	2017	2018
Revenue and grants	1,258.40	1,323.00	1,457.40	1,565.20	1,736.90	1,975.4
Total revenue	799.2	901.2	1,082.90	1,225.80	1,377.20	1,576.7
Tax revenue	707	808.5	928.1	1,044.60	1,180.00	1,324.7
Direct taxes	310.4	328.9	385.6	436.2	497.4	575.7
Taxes on goods and services	345.3	421.5	466.6	522.9	585.8	645.6
Taxes on international trade	51.3	58.1	75.9	85.5	96.8	103.4
Non-tax revenue	92.2	92.7	154.8	181.2	197.3	252.0
Total Grants	459.2	421.8	374.6	339.3	359.7	398.7
Budgetary grants	229.8	150.3	154.4	194.4	201.3	187.3
Capital grants	229.4	271.5	212.3	145	158.4	211.4
Total expenditure and net lending	1,454.30	1,651.20	1,749.50	1,813.70	2,093.30	2,359.3
Current expenditure	672.1	840.5	866	1,019.20	1,115.70	1,249.0
Wages and salaries	179.1	196.9	217.3	275.1	306.7	333.8
Purchases of goods and services	124.1	179.7	157.6	180.1	212.7	210.4
Interest payments	41.3	41.1	51.4	66.1	79.7	97.6
Domestic Int (paid)	19	14.2	22.3	31.5	40.4	52.7
External Int (paid)	22.3	26.9	29.2	34.7	39.3	44.9
Transfers	250.4	276.7	302.5	312.3	355.2	418.8
Exceptional social expenditure	77.2	146	137.2	164.8	161.4	188.4
Capital expenditure	649.5	717.7	776.2	701.3	814.9	939.9
Domestic	258.2	333.9	438.4	435.7	463.3	504.0
Foreign	391.2	383.8	337.8	265.6	351.6	435.9
Net lending	132.8	70.1	107.4	93.1	162.7	170.4
Primary deficit (including exceptional)	-89.8	-231.1	-170.1	-162.9	-122.1	-78.7
Primary deficit (excluding exceptional)	-12.5	-86.1	-32.9	1.9	39.3	109.7
Domestic Fiscal Balance	-186.6	-222.6	-218.9	-183.1	-233.4	-192.7
Overall deficit (payment order)						
Including grants	-195.9	-328.2	-292.1	-248.5	-356.3	-383.9
Excluding grants	-655.1	-750.1	-666.7	-587.8	-716.1	-782.6
Change in arrears (net reduction-)	-52	34	-22.2	-54.6	27	-7.8
Domestic	-52	34	-22.2	-54.6	27	-7.8
Overall deficit (cash basis)						
Including grants	-247.9	-294.3	-314.3	-303.1	-329.3	-391.7

Description	2013	2014	2015	2016	2017	2018
Excluding grants	-707	-716.1	-688.9	-642.5	-689	-790.3
Financing	247.9	294.3	314.3	303.1	329.3	391.7
Foreign financing (net)	331.1	181.2	254.2	274.8	314.8	405.9
Drawings	343	194.8	269.7	294.6	338.9	432.4
Amortization (due)	-11.9	-13.8	-15.6	-19.8	-24.1	-26.6
Domestic financing	-83.2	113.1	60.1	28.4	14.5	-14.2
Banking system (Monetary Survey)	-50.2	166.2	90.1	-27.3	45.4	-61.3
Non-bank (Net)	-48.2	13.3	4.5	79.3	-31.2	64.8
Errors and omissions	15.4	-66.4	-34.5	-23.6	0.3	-17.8

Source: MINECOFIN

CHAPTER XIII: BUSINESS ENTERPRISES and FOREIGN TRADE

12.1 External Trade

Table 12.1.1: Rwanda's formal external trade in goods (values in US\$ million)

Flow/Period	2017Q1	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	2018Q3	2018Q4	2019Q1	2019Q2
Exports	143.08	160.66	192.18	184.24	166.60	188.93	177.26	169.91	118.72	149.26
Imports	652.00	676.27	875.02	743.15	716.73	679.31	732.94	841.92	739.97	822.60
Re-Exports	59.16	70.31	67.20	71.45	77.49	79.22	77.10	78.51	84.64	101.73
Total Trade	854.23	907.24	1134.39	998.84	960.82	947.47	987.30	1090.34	943.33	1073.60
Trade Balance	-449.76	-445.30	-615.65	-487.46	-472.63	-411.15	-478.58	-593.50	-536.62	-571.61

Source: NISR

Table 12.1.2: Products exported by Rwanda in the year 2017-2019Q2 (US \$ millions)

Year and Period		2017Q1	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	2018Q3	2018Q4	2019Q1	2019Q2
SITC SECTION	COMMODITY DESCRIPTION/ TOTAL ESTIMATES	143.08	160.66	192.18	184.24	166.60	188.93	177.26	169.91	118.72	149.26
0	Food and live animals	44.08	55.81	66.37	63.01	62.32	72.00	67.63	67.34	59.52	74.27
1	Beverages and tobacco	0.17	0.11	0.12	0.19	0.09	0.08	0.03	0.05	0.14	0.07
2	Crude materials, inedible, except fuels	43.60	46.26	55.75	63.51	55.14	62.34	57.45	54.85	38.48	34.46
3	Mineral fuels, lubricants and related materials	0.09	0.11	0.13	0.09	0.11	0.13	0.15	0.46	0.15	0.02
4	Animals and vegetable oils, fats & waxes	0.03	0.07	0.07	0.06	0.01	0.11	0.00	0.01	0.02	0.03
5	Chemicals & related products, n.e.s.	0.60	0.65	0.72	0.80	0.76	0.70	0.64	0.71	1.44	0.64
6	Manufactured goods classified chiefly by material	28.02	29.54	30.57	29.22	24.19	23.80	25.39	24.56	9.64	15.61
7	Machinery and transport equipment	1.83	3.21	11.80	2.00	1.72	6.53	3.90	1.58	3.69	3.71
8	Miscellaneous manufactured articles	1.58	2.32	3.80	3.12	3.33	4.79	3.53	2.34	2.42	3.39
9	Other commodities & transactions, n.e.s	23.07	22.58	22.83	22.21	18.89	18.35	18.55	17.96	2.51	17.07

Source: NISR

Table 12.1.3: Top Products imported by Rwanda in 2017-2019Q2 (Values in US\$ Million)

Year and Period		2017Q1	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	2018Q3	2018Q4	2019Q1	2019Q2
SITC SECTION	COMMODITY DESCRIPTION/ TOTAL ESTIMATES	652.00	676.27	875.02	743.15	716.73	679.31	732.94	841.92	739.97	822.60
0	Food and live animals	109.11	106.05	126.68	121.72	98.65	109.54	100.27	121.25	89.01	90.52
1	Beverages and tobacco	8.01	6.36	8.78	9.05	7.17	8.94	7.08	8.69	7.11	7.29
2	Crude materials, inedible, except fuels	15.01	16.03	18.57	16.60	15.08	16.22	18.16	17.79	19.12	23.51
3	Mineral fuels, lubricants and related materials	121.14	116.65	127.29	124.81	137.61	136.35	153.07	119.72	110.62	136.04
4	Animals and vegetable oils, fats & waxes	21.11	31.69	31.90	22.31	26.59	29.43	29.96	28.28	26.59	34.48
5	Chemicals & related products, n.e.s.	64.43	78.57	101.55	96.28	79.63	79.23	85.19	99.63	93.98	88.20
6	Manufactured goods classified chiefly by material	100.43	97.36	133.58	110.18	105.82	97.39	115.95	140.33	134.71	142.12
7	Machinery and transport equipment	160.82	162.10	252.01	187.98	183.91	145.79	168.50	238.23	203.58	236.27
8	Miscellaneous manufactured articles	51.94	61.45	73.86	50.93	58.95	51.26	49.33	62.20	49.63	64.18
9	Other commodities & transactions, n.e.s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source: NISR

Table 12.1.4: Top 20 destinations of re-exports of Rwanda in 2017-2019 Q2 (Value: US \$ millions)

Year and Period	2017Q1	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	2018Q3	2018Q4	2019Q1	2019Q2
Total Estimates	59.16	70.31	67.20	71.45	77.49	79.22	77.10	78.51	84.64	101.73
Congo, The Democratic Republic Of	48.31	58.91	55.98	60.26	68.42	67.50	66.61	70.12	77.13	79.64
Burundi	3.81	4.70	5.13	3.80	2.91	3.34	3.26	1.83	1.55	14.98
Ethiopia	1.37	0.76	0.90	0.68	0.36	0.72	1.01	0.78	1.06	1.98
Tanzania, United Republic Of	0.12	0.13	0.00	0.00	0.08	0.05	0.07	0.05	0.00	1.92
United Arab Emirates	0.36	0.33	0.51	2.37	2.04	2.54	0.60	0.57	0.59	0.71
Belgium	3.24	3.00	3.27	1.86	0.66	0.08	0.44	0.83	0.70	0.54
Sudan	0.00	0.33	0.00	0.00	0.39	0.21	0.34	0.97	0.37	0.50
Uganda	0.46	1.34	0.55	0.63	0.81	0.93	0.74	0.71	0.76	0.49
Germany	0.00	0.05	0.08	0.08	0.12	0.09	0.10	0.09	0.11	0.20
Turkey	0.18	0.13	0.24	0.14	0.21	0.28	0.31	0.27	0.17	0.15
Mozambique	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.13	0.13
United States	0.13	0.04	0.01	0.01	0.05	0.10	0.16	0.02	0.04	0.08
Kenya	0.46	0.29	0.28	0.21	0.08	0.30	0.33	0.08	0.08	0.08
Mauritius	0.00	0.00	0.00	0.00	0.00	0.01	0.12	0.02	0.02	0.07
United Kingdom	0.26	0.10	0.17	0.09	0.16	0.29	0.17	0.12	0.21	0.07
India	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.06
Congo	0.00	0.00	0.00	0.08	0.03	0.01	0.00	0.08	0.01	0.06
South Sudan	0.04	0.00	0.00	0.00	0.00	0.00	0.33	0.32	0.18	0.04
China	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.02	0.02
Saudi Arabia	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01

Source: NISR

12.2 Partner Country Analysis

Table 12.2.1: Top 20 destinations of exports of Rwanda in 2017-2019Q2 (Values in US\$ million)

Year and Period	2017Q1	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	2018Q3	2018Q4	2019Q1	2019Q2
Total Estimates	143.08	160.66	192.18	184.24	166.60	188.93	177.26	169.91	118.72	149.26
United Arab Emirates	2.06	17.82	2.50	17.93	2.55	18.07	7.79	17.61	12.65	42.30
Uganda	5.07	13.00	9.29	8.77	13.61	23.70	5.77	4.13	5.88	23.23
Congo, The Democratic Republic Of	11.63	13.31	16.11	16.28	14.62	16.35	18.90	14.89	15.17	14.33
Kenya	2.94	4.91	7.53	3.74	6.28	5.46	5.18	5.00	4.27	9.28
Switzerland	12.25	20.74	31.89	21.58	16.96	36.03	24.54	15.61	10.35	7.15
Singapore	3.33	2.62	10.39	10.47	8.40	7.46	12.31	11.39	9.11	7.09
Pakistan	9.35	10.14	9.47	8.06	10.71	10.46	11.47	8.35	10.19	5.93
South Sudan	0.16	0.14	0.10	0.24	0.16	0.79	0.22	1.06	7.95	5.12
United Kingdom	5.66	5.94	12.60	11.97	6.77	7.39	12.97	12.53	5.78	5.05
Belgium	10.38	4.13	6.51	7.02	8.89	5.69	3.99	4.18	2.21	3.88
Burundi	1.14	1.29	1.31	1.05	1.28	1.34	0.88	7.62	5.19	3.37
Hong Kong	16.71	15.21	30.69	39.25	3.13	14.45	24.20	26.28	3.34	2.60
China	7.89	6.17	14.12	1.64	7.22	2.46	11.11	1.00	5.02	1.36
United States	6.56	5.70	6.28	6.80	7.22	4.34	9.42	3.79	2.43	1.34
India	0.41	8.35	0.20	0.32	0.96	7.13	0.70	1.47	1.33	1.26
Germany	1.10	3.41	0.99	0.66	2.80	3.58	2.09	0.73	0.56	1.23
Netherlands	0.73	0.66	0.77	0.97	1.95	1.17	0.86	0.89	1.52	1.16
Egypt	1.92	0.74	0.37	0.94	2.12	0.73	0.45	0.96	0.99	1.05
Niger	0.00	0.00	0.00	0.00	0.07	0.03	0.00	0.00	0.00	1.01
Viet Nam	0.00	0.00	0.13	0.15	0.09	1.00	1.32	1.52	0.84	1.00

Source: NISR

Table 12.2.2: Trade in Goods of Rwanda with selected regional organizations (Value in US\$ million)

Partner	Flow \ Period	2017Q1	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	2018Q3	2018Q4	2019Q1	2019Q2
CEPGL	Export	12.77	14.60	17.42	17.34	15.90	17.69	19.77	22.51	20.35	17.70
	Import	3.65	3.81	3.73	4.49	4.40	4.81	5.10	6.43	4.24	3.81
	Re-export	52.12	63.60	61.11	64.06	71.33	70.84	69.87	71.95	78.54	94.62
	Total Trade	68.53	82.02	82.26	85.90	91.63	93.34	94.74	100.89	103.13	116.12
COMESA	Export	23.58	35.08	46.41	31.76	39.05	48.75	32.76	33.82	32.89	52.32
	Import	108.08	109.48	133.74	130.61	114.22	121.62	130.49	134.96	98.68	79.15
	Re-export	54.43	66.35	62.84	65.58	72.97	73.09	72.40	74.51	80.96	97.73
	Total Trade	186.09	210.91	242.98	227.95	226.23	243.46	235.65	243.29	212.53	229.20
COMMON WEALTH	Export	28.29	46.15	51.99	45.13	48.91	63.36	51.36	46.56	39.75	54.36
	Import	253.39	237.47	305.36	278.20	259.79	278.12	261.72	287.81	255.36	257.37
	Re-export	1.31	1.89	1.00	0.94	1.13	1.66	1.43	1.00	1.22	2.82
	Total Trade	282.99	285.50	358.35	324.27	309.83	343.15	314.51	335.37	296.33	314.54
ECOWAS	Export	0.08	0.16	0.75	0.11	0.13	0.10	0.07	0.18	0.80	1.16
	Import	0.29	1.23	0.74	0.78	0.65	0.49	0.52	1.94	0.54	0.47
	Re-export	0.02	0.01	0.00	0.00	0.01	0.27	0.01	0.00	0.00	0.00
	Total Trade	0.39	1.39	1.49	0.89	0.79	0.86	0.59	2.12	1.34	1.63
SADC	Export	12.24	13.66	16.90	17.00	15.32	17.47	19.63	16.05	15.87	15.64
	Import	57.09	54.65	80.10	74.99	59.00	67.05	65.63	82.57	66.56	83.76
	Re-export	48.46	59.09	55.98	60.28	68.50	67.64	66.80	70.19	77.28	81.77
	Total Trade	117.79	127.40	152.98	152.27	142.81	152.16	152.07	168.81	159.71	181.17
EU	Export	28.40	17.02	32.23	33.23	41.89	24.37	31.35	28.40	14.26	15.43
	Import	72.69	74.71	105.49	101.50	105.18	72.15	80.78	125.39	96.69	104.58
	Re-export	3.71	3.15	3.53	2.03	0.93	0.46	0.70	1.05	1.02	0.81
	Total Trade	104.80	94.88	141.25	136.75	148.00	96.98	112.83	154.83	111.97	120.81

Source: NISR

Table 12.2.3: Exhibitors by origin

Origin of participants	2015	2016	2017	2018	2019
EAC					
Rwanda	260	266	282	313	340
Burundi	2	1	-	1	-
Uganda	22	51	25	17	-
Kenya	46	48	22	15	19
Tanzania	5	12	19	14	9
Other countries					
Europe	1	9	-	1	1
Asia	39	26	39	22	31
Northern America	-	-	-	-	-
Southern America	-	-	-	-	-
African countries excluding EAC	24	25	30	68	62
Total	399	438	418	451	462
Number of visitors					
Visitors	311,824	266,060	271,613	369,384	332,178

Source: PSF

Table 12.2.4: Number of Exhibitors registered during the Annual Made in Rwanda Expo (MIR) from 2016-2018)

Year	1st MIR Expo 2016 (Feb)	2nd MIR Expo 2016 (Dec)	3rd MIR Expo 2017	4th MIR Expo 2018
Exhibitors (all local)	107	306	427	467
Total Exhibitors	107	306	427	467

Source: PSF

CHAPTER XIV: LAW ENFORCEMENT, COURT AND ORDER

13.1 Law Enforcement

Table 13.1.1: Breakdown of 10 most crime by crime from 2015 to 2018

Top 10 Offenses of 2015	
Offenses	Total
Assault and battery	4,063
Narcotic drugs	3,992
Theft	3,052
Child defilement	1,505
Forging documents	435
Harassment of spouse	394
Corruption	366
Counterfeit of money	364
Fraud and deceit	357
Bouncing cheque	307
TOTAL	14,835
Top 10 Offenses of 2016	
Offenses	Total
Assault and battery	4,371
Narcotic drugs	4,059
Child defilement	1,591
Theft	2,580
Harassment of spouse	464
Forging documents	438
Fraud and deceit	436
Genocide denial	372
Embezzlement	338
Counterfeit of money	315
TOTAL	14,964
Top 10 Offenses of 2017	
Offenses	Total
Theft	8,502
Assault and battery	5,665
Narcotic drugs	4,250
Child defilement	2,352
Threat to harm person	1,317
Fraud and deceit	1,140
Forging documents	958
Breach of trust	790
Damaging of crops	761
Harassment of spouse	739
TOTAL	26,474
Top 10 Offenses of 2018	
Offenses	Total
Theft	10,392
Assault and battery	7,448
Narcotic drugs	5,004
Child defilement	3,146
Use of threats	2,084
Fraud	1,056
Harassment of spouse	967
Breach of trust	962

Top 10 Offenses of 2015	
Offenses	Total
Forged document	765
Rape	554
TOTAL	32,378

Source: Rwanda Investigation Bureau

Table 13.1.2: Distribution of crimes by type, According to province from 2015 to 2018

Provinces	Year 2015	Year 2016	Year 2017	Year 2018
Kigali City	4,308	4,172	11,812	11,574
Eastern	4,685	4,385	7,444	10,446
Southern	2,547	2,807	6,080	8,363
Western	2,810	3,147	4,821	6,605
Northern	2,352	2,495	4,206	6,291
Total	16,702	17,006	34,363	43,279

Source: Rwanda Investigation Bureau

Table 13.1.3: Cases related to family conflicts from 2015 to 2018

Offenses	2015	2016	2017	2018
Assaults	669	641	784	979
Murder	89	97	86	95
Suicide	23	17	7	24
Total	781	755	877	1,098

Source: Rwanda Investigation Bureau

Table 13.1.4: Drug cases registered from 2015 to 2018

Offenses	2015	2016	2017	2018
Narcotic drugs	3,992	4,059	4,250	5,004

Source: Rwanda Investigation Bureau

Table 13.1.5: Breakdown of 10 most Crime by province in 2017

S/N	Offences	Kigali City	North	West	South	East	Total
01	Assault	1,255	762	758	983	1,229	4,987
02	Theft without violence	1,428	564	665	947	1,317	4,921
03	Narcotic drugs	1,047	562	544	887	1,207	4,247
04	Housebreaking	588	306	439	506	664	2,503
05	Defilement	501	287	362	323	607	2,080
06	Harassment of spouse	144	115	116	125	98	598
07	Fraud and deceit	289	52	78	70	84	573
08	Corruption	186	62	65	69	95	477
09	Breach of trust	186	35	53	69	91	434
10	Forged document	201	41	69	54	48	413

Source: Rwanda Investigation Bureau

13.2 Court and Order

Table 13.2.1: Cases in Court Years, 2014 -2018

Year	Type of cases	Case at the end of the year	Judged cases	New cases
2014-2015	Civil	7,331	24,035	20,781
	Criminal cases (Rape cases included)	11,387	28,194	28,117
	Administrative cases	305	624	465
	Minor cases	144	765	722
	Social cases	284	780	713
	Genocide cases	25	63	34
	Commercial cases	1275	2,234	3,567
	General Total	20,751	56,695	54,399
2015-2016	Civil	5,934	18,390	17,227
	Criminal cases (Rape cases included)	9,419	28,796	13,888
	Administrative cases	349	430	462
	Minor cases	142	559	591
	Social cases	327	722	837
	Genocide cases	23	39	38
	Commercial cases	1,231	3,648	3,523
	General Total	17,425	52,584	36,566
2016-2017	Civil	6,533	17,910	23,778
	Criminal cases (Rape cases included)	11,569	40,314	36,242
	Administrative cases	439	413	436
	Minor cases	185	2359	632
	Social cases	514	639	879
	Genocide cases	107	133	193
	Commercial cases	1662	5,338	4,229
	General Total	21,009	67,106	66389
2017-2018	Civil	8,519	13,692	20,504
	Criminal cases (Rape cases included)	15,362	39,718	35,266
	Administrative cases	569	601	729
	Minor cases	211	819	863
	Social cases	745	839	955
	Genocide cases	244	237	386
	Commercial cases	1,520	5,318	4,220
	General Total	27,170	61,224	62923
2018-2019	Civil	12225	15777	21874
	Criminal cases (Rape cases included)	21353	49252	45989
	Administrative cases	536	497	626
	Minor cases	202	563	488
	Social cases	956	903	1234
	Genocide cases	477	802	614
	Commercial cases	1997	4358	5076
	General Total	38256	72417	75904

Source: Rwanda Supreme court

Figure 13.2.1: Cases in Court Year 2018-2019

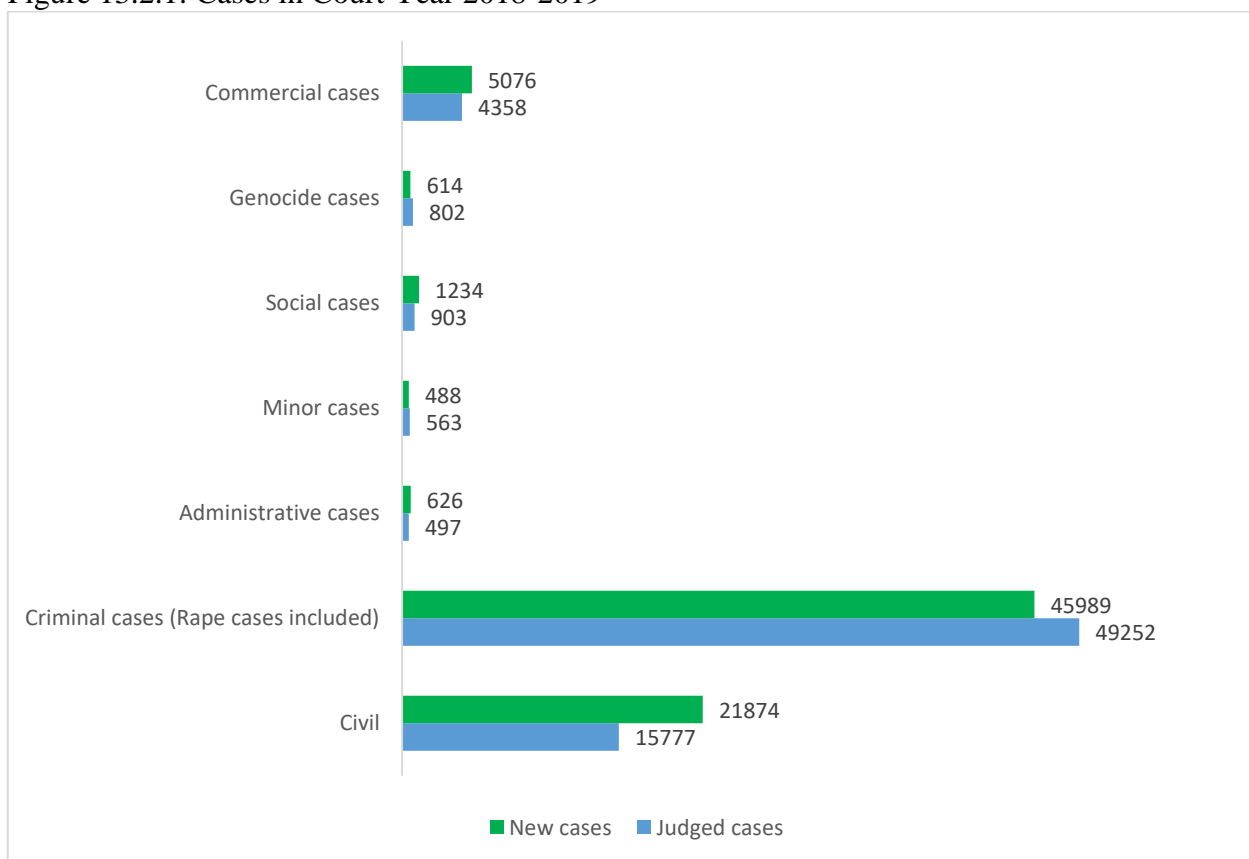


Table 13.2.2: Judged Cases

Type of case	Judged cases				
	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Civil	24,035	18,390	17,910	13,692	15777
Criminal	28,194	28,796	40,314	39,718	49252
Genocide	63	39	133	237	802
Social	780	722	639	839	903
Administrative prosecution	624	430	413	601	497
Minor	765	559	2,359	819	563
Commercial	2,234	3,648	5,338	5,318	4358
Total	56,695	52,584	67,106	61,224	72417

Source: Rwanda Supreme court

Figure 13.2.2: Total Judged cases

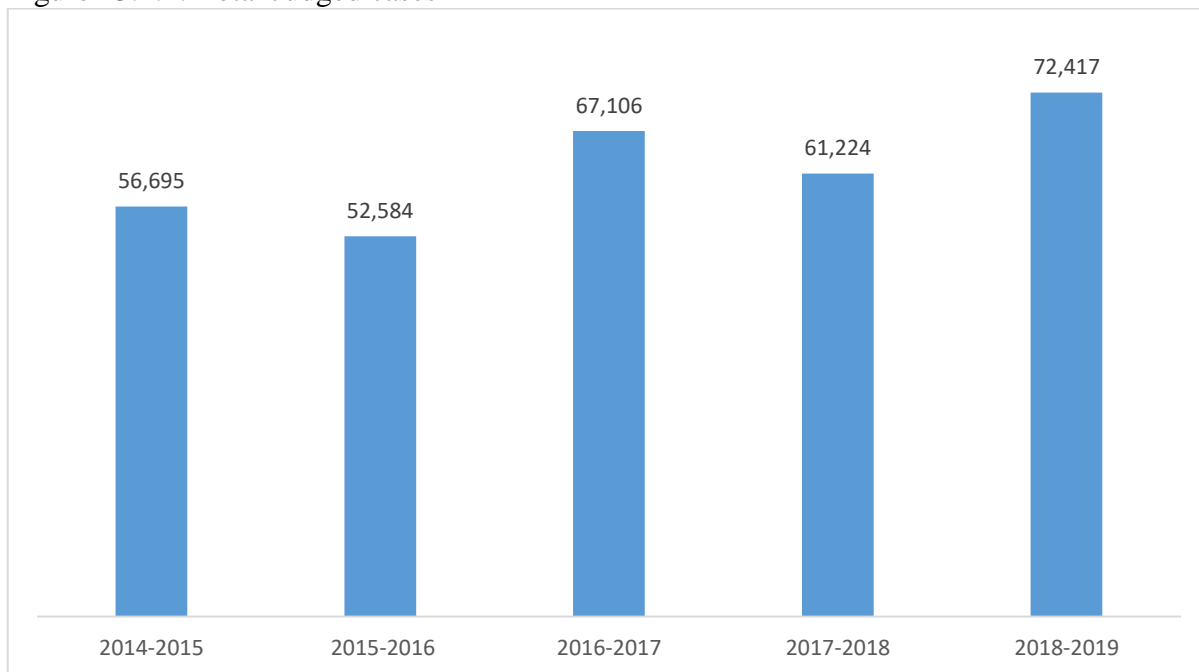


Table 13.2.3: Commercial Courts

Year	Case at the end of the year	Judged cases	New cases
2008	1,787	2,515	908
2009	1,377	1,779	1,840
2010	1,414	2,386	2,365
2011-2012	666	2,545	2,205
2012-2013	312	2,556	2,287
2013-2014	746	3,592	3,566
2014-2015	1,275	2,234	3,564
2015-2016	1,231	3,648	3,523
2016-2017	1,662	5,338	4,229
2017-2018	1,520	5,318	4,220
2018-2019	1997	4358	5076

Source: Rwanda Supreme Court

Table 13.2.4: Number of driving licenses delivered by categories and by sex

Year	Category	Female	Male	Total
2015	A	87	13600	13,687
	A1	0	3	3
	B	4041	30055	34,096
	B1	2	9	11
	C	20	6112	6,132
	D	40	7431	7,471
	D1	2	391	393
	E	2	1096	1,098
	F	19	1959	1,978
	Total	4213	60656	64,869
2016	Category	Female	Male	Total
	A	125	23405	23,687
	A1	0	3	3
	B	6703	42857	49,560
	B1	0	16	16
	C	20	7036	7,056
	D	53	9776	9,829
	DI	0	497	497
	E	1	1046	1,047
	F	23	1447	1,470
	Total	6925	86083	93008
2017	Category	Female	Male	Total
	A	117	29550	29,667
	A1	0	12	12
	B	5751	33742	39,493
	B1	7	22	29
	C	12	3821	3,833
	D	34	5622	5,656
	D1	0	302	302
	E	1	443	444
	F	24	1,518	1,542
	Total	5,946	75,032	80,978
2018	Category	Female	Male	Total
	A	125	23405	23,530
	A1	0	3	3
	B	6703	42857	49,560
	B1	0	16	16
	C	20	7036	7,056
	D	53	9776	9,829
	D1	0	497	497
	E	1	1046	1,047
	F	23	1447	1,470
	Total	6925	86083	93008

Source: Rwanda National Police

Table 13.2.5: Vehicle inspection in Rwanda from 2015-2018

Year	Month	Inspections done	Number of vehicles inspected
2015	January	6,518	4,450
	February	7,716	5,200
	March	7,806	5,084
	April	6,773	4,493
	May	9,245	6,467
	June	7,299	4,788
	July	6,672	4,088
	August	8,273	5,283
	September	8,364	5,680
	October	8,412	5,708
	November	9,313	6,465
	December	9,892	6,783
	Total		96,283
2016	January	7,672	5,355
	February	9,422	6,887
	March	8,116	5,872
	April	8,899	6,047
	May	8,528	5,396
	June	9,547	4,017
	July	8,480	5,371
	August	9,208	3,796
	September	10,311	3,151
	October	10,476	8,068
	November	10,395	3,673
	December	13,277	10,141
	Total		114,331
2017	January	10,226	7,222
	February	8,666	6,480
	March	11,920	7,248
	April	10,158	6,265
	May	11,254	7,325
	June	10,381	6,544
	July	8,513	6,353
	August	9,080	6,242
	September	11,776	7,365
	October	11,829	7,238
	November	10,382	7,093
	December		
	Total		114,185
2018	January	10,151	7,222
	February	11,050	6,480
	March	11,523	7,248
	April	10,190	6,265
	May	12,248	7,325
	June	13,328	6,544
	July	11,488	6,353
	August	11,602	6,242
	September	12,449	7,365
	October	12,952	7,238
	November	14,884	7,093
	December	13,970	7,325
	Total		145,835

Source: Rwanda National Police

Table 13.2.6: Roads accidents

Accidents		2015	2016	2017	2018	Total
	Fatal accidents	584	593	549	597	2323
	Serious injury accidents	583	629	733	885	283
	Minor injury accidents	1767	1794	1896	1887	7344
	Property damage accidents	3348	3347	2577	2242	11514
	Total	6282	6363	5755	5611	24011

Source: Rwanda National Police

Table 13.2.7: Fire Accidental

Year	Fire incident
2015	122
2016	201
2017	149
2018	116
TOTAL	588

Source: Rwanda National Police

**National Institute of Statistics of Rwanda
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Website: www.statistics.gov.rw

