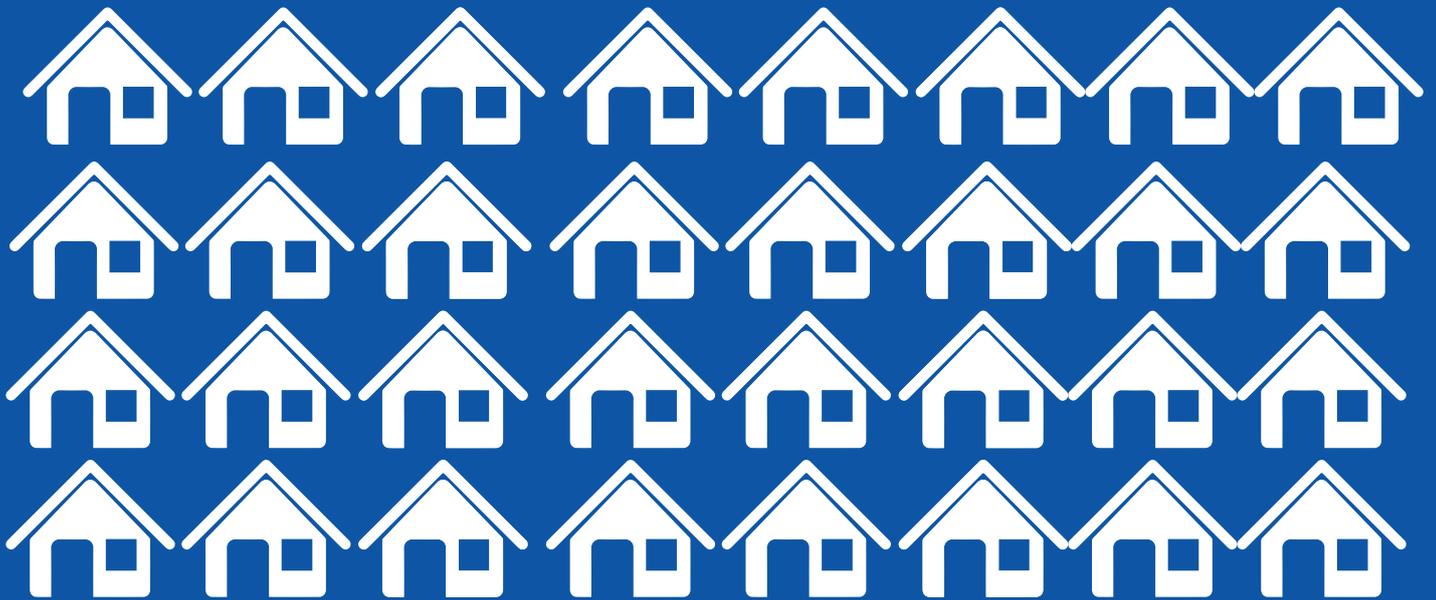




Republic of Rwanda



# Rwanda Household Survey 2019/2020

National Institute of Statistics of Rwanda



Republic of Rwanda



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March 2021

The Rwanda Household Survey 2019/2020 report is produced by the National Institute of Statistics of Rwanda (NISR).

Additional information about the Rwanda Household Survey 2019/2020 may be obtained from NISR:

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## Foreword

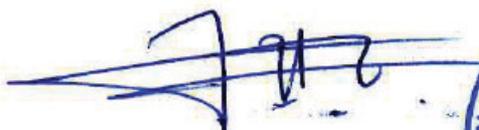
The Rwanda Household Survey (RHHS) was designed and conducted by the National Institute of Statistics of Rwanda (NISR). This survey is an important source of socio-economic information on changes of household living conditions in Rwanda, and is part of the ongoing monitoring of national and global development strategies such as the First National Strategy for Transformation (NST1), Vision 2020 and Vision 2050 strategies, and the 2030 Sustainable Development Goals (SDGs), among others.

RHHS data collection activities began in October 2019 and were supposed to end in October 2020. However, due to the COVID-19 pandemic outbreak, the collection of required information did not continue after the lockdown in March 2020. Nevertheless, about 40% (5,832 households) of the originally planned sample of households was surveyed before the lockdown.

In normal conditions, indicators from any household survey are disaggregated as much as possible geographically, to allow a more detailed picture of the status of households around the country. Unfortunately, RHHS collected data is not large enough to allow reliable geographic disaggregation beyond the national level.

This report covers demographic characteristics, migration, health, education, household dwellings, economic activity, environmental issues and other indicators that are considered stable in these conditions.

In spite of these constraints, NISR is convinced that the results presented will be useful for evidence-based planning and decision-making. We express our profound gratitude to all those who, in one-way or another, contributed to the success of this activity.



Yusuf Murangwa  
**Director General, NISR**





## **Notes to the reader**

Every three years, the National Institute of Statistics of Rwanda (NISR) conducts an Integrated Household Living Conditions Survey (EICV). The sixth EICV was designed in the same way as the previous rounds of EICV cross-sectional surveys, to provide information on Rwandan household living conditions. Initially, the survey was supposed to cover 12 months, from October 2019 to October 2020. However, due to Covid-19 and the restrictions that were put in place, conducting EICV6 was not possible. Instead, NISR conducted the survey from October 2019 to March 2020 just before a national lockdown was implemented to contain the pandemic. In that context, only 40% of the originally-planned sample had been surveyed.

Therefore, this report presents results from the Household Survey that was conducted from October 2019 to March 2020. It presents stable indicators from different areas including demographic characteristics of Rwanda, migration, health, education, household dwellings, patterns of economic activity, environmental issues, and household access to credits and savings, all at the national level.



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## Chapter 1: Demographic characteristics of the population

Indicator		RHHS 2019/2020	
Population size (million)		12.3	
Sex Ratio		91	
Dependency ratio		78	
Distribution (%) of population aged 0-17 years, by orphan status	Not Orphan	93.6	
	Single Orphan	5.9	
	Double Orphan	0.6	
Distribution (%) of population, by relationship to head of household	Head	22.6	
	Spouse	15.3	
	Son/daughter	50.1	
	Grandchild	5.8	
	Step/ adopted child	0.6	
	Brother/ Sister	0.8	
	Other relationship	1.7	
	No relationship	1.6	
	Domestic worker	1.5	
Distribution (%) of households, by size (number of members)	<b>Mean number of persons</b>		4.4
	Number of household members	<i>1 person</i>	7.2
		<i>2-4 persons</i>	46.9
		<i>5-7 persons</i>	38.1
		<i>8-10 persons</i>	7.3
		<i>11+ persons</i>	0.5

Source: RHHS 2019/2020

## Chapter 2: Migration

Indicator		RHHS 2019/2020	
Percentage (%) of population that migrated in the last five years by sex	<b>All Rwanda</b>	<b>12.1</b>	
	By Sex	<i>Male</i>	11.5
		<i>Female</i>	12.7
Percentage of international migrants in the last five years	<b>All Rwanda</b>	<b>0.7</b>	
Percentage (%) of internal migrants in the last five years	<b>All Rwanda</b>	<b>11.5</b>	
Distribution (%) of internal migrants in the last five years, by primary reason for moving	Employment	26.5	
	Loss/lack of employment	9.9	
	Marriage	7.6	
	Parent/HH moved	31.5	
	To live in own house elsewhere	2.4	
	Other family reasons	5.9	
	Desire to return home	6.2	
	Studies	4.8	
	Trade and business	0.1	
	Disasters or insecurity	0.9	
	Bad health	1.4	
	Lack of land	1.7	
	Other	1.0	

Source: RHHS 2019/2020

### Chapter 3: Health

Indicator		RHHS 2019/2020	
Percentage (%) of the population aged 5 years and above with disability, and by disability type	<b>% with disability</b>	<b>4.3</b>	
	Disability type	<i>Vision disability</i>	9.4
		<i>Deaf or mute</i>	8.0
		<i>Disability in the arms</i>	13.0
		<i>Disability in the legs</i>	30.8
		<i>Mental inability</i>	19.6
		<i>Traumatized</i>	2.2
		<i>Very old</i>	13.3
	<i>Other</i>	3.7	
Percentage (%) of population reporting health problem in last three months prior to the survey interview and whether medical consultation was made	% reporting health problem in last 3 months	40.7	
	Made medical consultation	76.3	
Percentage (%) of population making a medical consultation in last three months prior to the survey interview, and by reason of consultation	<b>% of population making medical consultation in last 3 months</b>	<b>38.6</b>	
	Reason of consultation	<i>General visit or preventive</i>	3.7
		<i>Sickness</i>	75.9
		<i>Injury</i>	1.8
		<i>Sickness and injury</i>	0.5
		<i>Vaccination</i>	15.7
		<i>Prenatal care</i>	2.0
		<i>Postnatal care</i>	0.3
	<i>Other</i>	0.2	
Mean time (in minutes, on foot) to health center	<b>All Rwanda</b>	<b>47.3</b>	
Percentage (%) of population with health insurance and by type of insurance	<b>% of population with health insurance</b>	<b>87.3</b>	
	Type of Insurance	<i>RAMA</i>	3.8
		<i>Community Based Health Insurance</i>	94
		<i>MMI</i>	1.2
		<i>Employer</i>	0.3
		<i>Private insurance company</i>	0.7
		<i>Other insurance</i>	0.0

Source: RHHS 2019/2020

## Chapter 4: Education

Indicator			RHHS 2019/2020
Percentage of the population aged 6 years and above who have ever attended school, and by sex	<b>All Rwanda</b>		<b>89.0</b>
	By sex	<i>Male</i>	91.3
		<i>Female</i>	86.9
Percentage of the population aged between 6 and 30 who attended school in the past 12 months, and by sex	<b>All Rwanda</b>		<b>58.9</b>
	By sex	<i>Male</i>	61.5
		<i>Female</i>	56.5
Percentage of the population aged between 6 and 30 years who attended school in the past 12 months by type of school	Public School		61.7
	Private School		7.0
	Government aided school		31.4
Percentage of male population aged 10 years and over by highest level of schooling attended	No Education		8.6
	Pre-primary		0.0
	Primary		67.1
	Post primary		1.5
	Secondary		18.2
	University		4.6
	Not stated		0.0
Percentage of female population aged 10 years and over by highest level of schooling attended	No Education		13.7
	Pre-primary		0.0
	Primary		63.4
	Post primary		1.0
	Secondary		19.3
	University		2.6
	Not stated		0.0
Percentage of the individuals aged between 16 and 30 years attending an institution of higher learning, and by sex	<b>All Rwanda</b>		<b>4.9</b>
	By sex	<i>Male</i>	5.4
		<i>Female</i>	4.5
Literacy rate among the population aged 15 years and above, and by sex	<b>All Rwanda</b>		<b>72.4</b>
	By sex	<i>Male</i>	76.1
		<i>Female</i>	69.3
Literacy rate among the population aged between 15 and 24 years, and by sex	<b>All Rwanda</b>		<b>85.2</b>
	By sex	<i>Male</i>	82.6
		<i>Female</i>	87.6
Numeracy rate of population aged 15 years and above, and by sex	<b>All Rwanda</b>		<b>73.3</b>
	By sex	<i>Male</i>	77.3
		<i>Female</i>	69.8
Numeracy rate of the population aged between 15 and 24 years, and by sex	<b>All Rwanda</b>		<b>86.3</b>
	By sex	<i>Male</i>	83.8
		<i>Female</i>	88.5
Computer literacy rate of the population aged 15 years and above, and by sex	<b>All Rwanda</b>		<b>11.9</b>
	By sex	<i>Male</i>	14.7
		<i>Female</i>	9.6
Computer literacy rate of the population aged between 15 and 24 years, and by sex	<b>All Rwanda</b>		<b>15.2</b>
	By sex	<i>Male</i>	17.1
		<i>Female</i>	13.5

Source: RHHS 2019/2020

## Chapter 5: Housing Characteristics and Access to Services and Facilities

Indicator		RHHS 2019/2020	
Percentage (%) of households by type of dwelling at national level	Single house dwelling	88.8	
	Multiple HH buildings	5.8	
	Multi-storied building with one or more HH	0.1	
	Group of enclosed dwellings: multiple HH	3.8	
	Group of enclosed dwellings: single HH	1.5	
Percentage (%) of households by type of habitat at national level	Umudugudu	55.2	
	Unplanned clustered rural housing	6.6	
	Isolated rural housing	17.7	
	Unplanned urban housing	17.9	
	Small settlement	0.7	
	Modern planned area	1.9	
Percentage (%) of households by current occupancy status at national level	Owner occupied	76.6	
	Tenancy (renting)	17.1	
	Dwelling provided by employer	0.1	
	Dwelling provided free of charge	5.8	
	Temporary camp or settlement	0.3	
	Other	0.0	
Mean floor area (m <sup>2</sup> ) of dwelling at national level, and by sex of the household head	<b>All Rwanda</b>	<b>41.6</b>	
	Sex of the household head	<i>Male Headed HHs</i>	43.1
		<i>Female Headed HHs</i>	37.3
Mean number of persons per bedroom at national level, and by sex of the household head	<b>All Rwanda</b>	<b>2.0</b>	
	Sex of the household head	<i>Male Headed HHs</i>	2.1
		<i>Female Headed HHS</i>	1.7
Percentage (%) of households by house roofing materials at national level	Metal sheets	68.1	
	Local clay tiles	31.7	
	Concrete	0.1	
	Plastic or plywood	0.0	
	Industrial tiles	0.0	
	Thatch or leaves	0.0	
	Other	0.0	
Percentage (%) of households by house flooring materials at national level	Beaten earth	65.3	
	Hardened dung	1.7	
	Cement	29.4	
	Bricks	1.1	
	Tiles	2.4	
	Other	0.2	
Percentage (%) of households by type of wall materials at national level	Mud bricks	30.7	
	Mud bricks covered with cement	36.0	
	Tree trunks with mud	21.2	
	Tree trunks with mud and cement	6.7	
	Oven fired bricks	3.5	
	Cement bricks	0.8	
	Wooden Planks	0.6	
	Other	0.5	
Percentage (%) of households by main type of cooking fuel at national level	Firewood	77.7	
	Charcoal	17.5	
	Crop waste	0.5	
	Gas or biogas	4.2	
	Other	0.1	
Percentage (%) of households by main source of home lighting at national level	Electricity distributor	38.9	
	Oil Lamp	0.3	
	Firewood	2.2	
	Candle	3.5	
	Lantern	1.3	
	Batteries	38.4	

Indicator		RHHS 2019/2020	
	Solar panel	15.4	
	Other	0.1	
Percentage (%) of households with internet access at home at national level, and by sex of the household head	<b>All Rwanda</b>	<b>23.8</b>	
	Sex of the household head	<i>Male Headed HHs</i>	26.0
		<i>Female Headed HHs</i>	17.5
Percentage (%) of households using improved drinking water source at national level, and by sex of the household head	<b>All Rwanda</b>	<b>89.2</b>	
	Sex of the household head	<i>Male Headed HHs</i>	89.6
		<i>Female Headed HHs</i>	88.0
Percentage of HHs using an improved water source that is within 200m in urban and 500m in rural	Urban HHs <= 200m to improved water source	72.4	
	Rural HHs <= 500m to improved water source	56.8	
Percentage of households that manage rainwater at national level, and by sex of the household head	<b>All Rwanda</b>	<b>19.3</b>	
	Sex of the household head	<i>Male Headed HHs</i>	20.3
		<i>Female Headed HHs</i>	16.5
Percentage (%) of households using improved sanitation at national level	<i>HHs using improved sanitation</i>	89.6	
	<i>HHs using improved sanitation but not shared</i>	72.2	
Mean time (in minutes, on foot) to services (Food market, Public transport stage, All-weather road, Primary school and Health Centre) at national level	Food market/ shop	47.4	
	Public transport stage	49.3	
	All-weather road	4.4	
	Primary school	22.7	
	Health Centre	47.3	
Percentage (%) of households by ownership of durables (Living room suite, Radio, TV set, Computer, Mobile Phone and Bicycle) at national level	Living room suite	22.3	
	Radio	77.7	
	TV set	12.4	
	Computer	3.9	
	Mobile phone	70.6	
	Bicycle	15.0	

Source: RHHS 2019/2020

## Chapter 6: Economic Activity

Indicator		RHHS 2019/2020	
Workforce to population ratio		87	
Workforce to population ratio by sex and age group	<b>All Rwanda</b>	<b>87</b>	
	Sex and age group	<i>Male</i>	87
		<i>Female</i>	87
		<i>Young (16-30)</i>	79
		<i>Adult (31+)</i>	94
Workforce to population ratio by level of education attained	<b>All Rwanda</b>	<b>87</b>	
	Level of education	<i>Never attended</i>	90
		<i>Primary not completed</i>	93
		<i>Primary completed</i>	86
		<i>Post Primary</i>	96
		<i>Lower Secondary</i>	63
		<i>Upper Secondary</i>	79
		<i>University</i>	83
Distribution of workers by main job type	Wage Farm	15	
	Wage Non-farm	22	
	Independent farmer	51	
	Independent non-farmer	10	
	Unpaid family workers	2	

Source: RHHS 2019/2020

## Chapter 7: Environment

Indicator		RHHS 2019/2020	
Waste management facilities at national level	Compost heap on own property	46.5	
	Thrown in the HH's fields / bushes	41.2	
	Rubbish collection service	9.9	
	Dumped in river / lakes / ditches	0.1	
	Publicly managed refuse area	2.2	
	Burnt	0.1	
	Other ways of rubbish disposal used	0.0	
Percentage of households that received information about environmental issues at national level, and by main sources of Information	<b>% of households receiving any info on environmental issues</b>		<b>83.5</b>
	Main sources of Information	<i>Meetings / Trainings</i>	65.1
		<i>School</i>	0.4
		<i>Radio / TV</i>	33.9
		<i>Other type of media</i>	0.7
		<i>Other</i>	0.0
Percentage of households that faced problems resulting from environmental destruction at national level, and by types of environmental problems	<b>% households with dwelling affected by environmental issues</b>		<b>22.9</b>
	Types of environmental problems	<i>Floods</i>	7.7
		<i>Mountain slides</i>	16.7
		<i>Destructive rains</i>	75.0
		<i>Others</i>	0.6

Source: RHHS 2019/2020

## Chapter 8: Credits, Savings and Transfers

Indicator		RHHS 2019/2020	
Percentage (%) of households with credit, currently or in last 12 months prior to the survey interview	HH currently has outstanding loan(s)	54.7	
	HH borrowed in last 12 months - all repaid	17.5	
	No loan-did not request	26.7	
	Requested loan-refused	1.1	
Percentage (%) of households with credit from various sources	Commercial Bank	4.8	
	Borrowed from relative	53.1	
	Credit cooperative	3.5	
	Tontine	53.4	
	Informal lenders	5.5	
	Microfinance	2.4	
	VUP financial service Loan	1.6	
	Ubudehe loan	0.6	
	SACCOs	6.3	
	Employer loan	0.5	
Other	2.7		
Percentage (%) of population aged 18+ years with a bank account, and by sex	<b>All Rwanda</b>		<b>33.3</b>
	Sex	Male	41.1
		Female	26.7
Percentage (%) of households with at least one person having a bank account	<b>All Rwanda</b>		<b>58.9</b>
Percentage (%) of households sending transfers to another household, by transfer type	<b>% of households sending transfers to another household</b>		<b>92.8</b>
	Types of sent transfer	Cash	51.2
		Food	92.4
		Other in-kind	60.3
Percentage (%) of households receiving transfers from another household	<b>% of households receiving transfers from another household</b>		<b>95.4</b>
	Types of received transfer	Cash	61.0
		Food	93.6
		Other in-kind	63.4

Source: RHHS 2019/2020

## **Annex: Persons who contributed to the RHHS 2019/2020 2019/2020 Main Indicators Report**

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