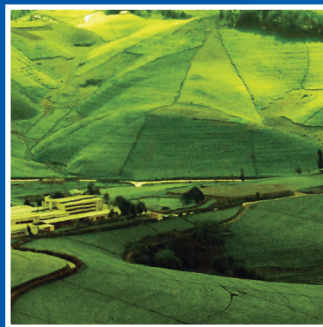


REPUBLIC OF RWANDA



NATIONAL INSTITUTE OF STATISTICS OF RWANDA

# RWANDA STATISTICAL YEAR BOOK



2009

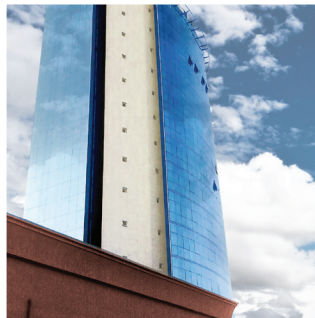
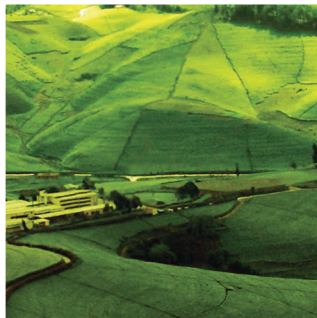


REPUBLIC OF RWANDA



NATIONAL INSTITUTE OF STATISTICS OF RWANDA

# RWANDA STATISTICAL YEAR BOOK



2009



## Foreword

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This is the first year of the publication of the book entitled Statistical Yearbook. 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 Vision 2020 Programme, the Economic Development and Poverty Reduction Strategy (EDPRS), and the Millennium Development Goals (MDGs). These initiatives have accordingly resulted in an unprecedented increase in demand for statistics as policy makers and other stakeholders seek information on national development.

One of the major challenges to successful implementation of the Rwanda development agenda lies in the ability to measure progress and to respond to data needs emerging from current national initiatives aimed at promoting economic and social development in the country. The NISR motto states it correctly: *“If you don’t count, you don’t count”*, and it is clear that one can easily agree with those who affirm that it is impossible to manage it without having measured it. Hence, in our effort to tackle this issue this yearbook edition and *Rwanda in Statistics and Figures*, of which the first publication took place in 2008, replace the former *Rwanda Development Indicators*. This book is designed to serve as a standard summary of statistics on the social, political, and economic situation of Rwanda. The aim of this publication should be to serve as a convenient volume for statistical reference and as a guide to other statistical publication and sources.

This first edition shows the now available data for thirteen fields namely: Population, Vital Statistics and Gender; Health and Nutrition; Education; Environment; Agriculture; Energy and Water Production; Transportation and Communication; Travel and Tourism; Income, Expenditure and Wealth; Price Indexes; Banking, Finance, Insurance and Aid; Business Enterprise and Foreign Trade; and finally Law Enforcement, Courts and Prison.

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

**Yusuf MURANGWA**  
**Acting Director General**

## Acknowledgements

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The *Rwanda Statistical Yearbook, 2009 edition* was prepared by NISR through the team made of Focal Point Statisticians for Ministries, namely: **Annonciate MUKABAGIRE**, **Immaculée NYAMPINGA**, **Nadia MUSANINKINDI**, **Tharcisse NZASINGIZIMANA** and **Venant HABARUGIRA**.

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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*.

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## Acronyms

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ADB	: African Development Bank
AIDS	: Acquired Immunodeficiency Syndrome
ANC	: Ante-Natal Care
ART	: Anti-retroviral therapy
ARV	: Anti-Retroviral
ATRACO	: Association pour le Transport en Commun
NBR	: National Bank of Rwanda
BTC/CTB	: Belgium Technical Cooperation
CIF	: Cost, Insurance and Freight
COGEAR	: Compagnie Générale des Assurances au Rwanda
CORAR	: Compagnie Rwandaise d'Assurances et de Réassurances
COVNM <sub>s</sub>	: Composants Volatiles non Métalliques
CPI	: Consumer Price Index
CRS	: Catholic Relief Service
CS	: Centre de Santé
CYP	: Couple Year Protection
DHS	: Demographic and Health Survey
DISP	: Dispensary
DK	: Don't Know
DOT	: Direct Observed Treatment Short Course
DPT	: Dyptheria, Tetanus, pertusis Vaccination
DSS/RCB	: Demographic and Social Statistics/ Research and Capacity Building
EA	: Education Assurance
EC	: European Commission
EDPRS	: Economic Development and Poverty Reduction Strategy
Elgz	: Electrogaz
FHI	: Family Health International
FOB	: Free on board
FOSA/HF	: Formation Sanitaire/ Health Facility
FOSACOM	: Formation sanitaire Communautaire
FP	: Family Planning
FTP <sub>B</sub>	: Faculté de Théologie Protestante de Butare
GBR	: Gross Birth Rate
GDP	: Gross Domestic Product
GER	: Gross Enrolment Rate
GF	: Global Funds
GoR	: Government of Rwanda
GSN	: Grand Séminaire de Nyakibanda

GTZ	: Deutsche Gesellschaft für Technische Zusammenarbeit
Gvt	: Government
HCR	: Haute Cour de la République
HD/DH	: District Hospital
HF	: Health Facility
HIV/AIDS	: Human Immunodeficiency Virus/ Acquired Immunodeficiency Syndrome
HM/MH	: Military Hospital
HMIS	: Health Management Information System
HNR/NRH	: National Referral Hospital
IARDT	: Incendie, Accidents corporels, Risques divers et Transports.
IDHS	: Interim Demographic and Health Survey
IMR	: Infant Mortality Rate
INES	: Institut d'Enseignement Supérieur de Ruhengeri
IPB	: Institut Polytechnique de Byumba
ISAE	: Institut Supérieur d'Agriculture et d'Elevage
ISPA	: Internet Service Provider in Africa
ISPG	: Institut des Sciences Pédagogiques de Gitwe
ITNS	: Insecticides Treated Nets
KCT	: Kavumu College of Technology
KCT	: Kicukiro College of Technology
KHI	: Kigali Health Institute
KIE	: Kigali Institute of Education
KIM	: Kigali Institute of Management
KIST	: Kigali Institute of Science and Technology
KSW	: Kabuye Sugar Works
Kwh	: Kilowatt
L.S.	: Libre subsidiée
LLITNs	: Long Lasting Insecticide Treated Nets
LPA	: Loan Protection Assurance
MCH	: Maternal and Child Health
MDGs	: Millennium Development Goals
MINADEF	: Ministère de l'Armée et de la Défense
MINAGRI	: Ministry of Agriculture and Animal Resources
MINECOFIN	: Ministry of Finance and Economic Planning
MINEDUC	: Ministry of Education
MINIJUST	: Ministère de la Justice
MININFRA	: Ministry of Infrastructures
MMI	: Military Medical Insurance
MoH	: Ministry of Health
MUSA	: Mutuelle de Santé
NAS	: National Agriculture Survey

NB	: Nota bene
NBR	: National Bank of Rwanda
NC	: New Case
NDF	: Nordic Development Fund
NER	: Net Enrolment Rate
NGOs	: Non Government Organization(s)
NISR	: National Institute of Statistics of Rwanda
NUR	: National University of Rwanda
OB	: Ordinary Budget
OCIR	: Office des Cultures Industrielles du Rwanda
ONATRACOM	: Office National de Transport en Commun
ONP	: Office National de poste
ORT	: Oral Rehydration Therapy
PBF	: Performance Based Financing
PEV/ EPI	: Programme Elargi de Vaccination/ Extended Programme for Immunization
PMTCT	: Prevention of Mother to Child Transmission
PNILT	: Programme National Intégré de Lutte contre la Tuberculose et la Lèpre
PNLP	: Programme National Intégré de Lutte contre le Paludisme
PPI	: Producer Price Index
Pr	: Private
PSA	: Pension Scheme Assurance
Pu	: Public
RADA	: Rwanda Agriculture Development Authority
RAMA	: La Rwandaise d'Assurance Maladie
RARDA	: Rwanda Animal Resources Development Authority
RCA	: Rwanda Cooperatives Agency
RCAA	: Rwanda Civil Aviation Authority
RCT	: Rukara College of Technology
RDB	: Rwanda Development Board
RDC	: Republic Democratic of Congo
RECO/RWASCO	: Rwanda Electricity Corporation and Rwanda Water and Sanitation Corporation
REMA	: Rwanda Environmental Management Authority
RHODA	: Rwanda Horticulture Development Authority
RRA	: Rwanda Revenue Authority
RURA	: Rwanda Regulatory Utility Agency
RWF	: Rwandan francs
SFB	: School of Finance and Banking
SNEL	: Société Nationale d'Electricité
SNELAC	: Société Nationale d'Electricité des Grands Lacs
SNCC	: Second National Communication on Climate

	change
SONARWA	: Société Nouvelle d'Assurance du Rwanda
SORAS	: Société Rwandaise d'Assurance
TB	: Tribunaux de Base
TGI	: Tribunal de Grande Instance
TCT	: Tumba College of Technology
TFR	: Total fertility rate
TRAC+	: Treatment and Research for AIDS Centre
UAAC	: Université Adventiste d'Afrique Centrale
UCK	: Université Catholique de Kabgayi
UEB	: Uganda Electricity Board
ULK	: Université Libre de Kigali
UN	: United Nations
UNATEK	: Université d'Agriculture, de Technologie et d'Education de Kibungo
UNILAK	: Université Laïque Adventiste de Kigali
UP	: Umutara Polytechnic
US	: United States (of America)
USD	: United States Dollar
VAT	: Value Added Tax
VCT	: Voluntary Counselling and Testing

# **Chapter 1: Population, Vital Statistics and Gender**

### 1.1 Population Statistics

**Table 1.1.1: Distribution of population by age group and by sex in 2007 and 2008**

Age	2007			2008		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
0-4	825,672	811,785	1,637,457	856,361	842,113	1,698,473
5-9	623,373	636,182	1,259,554	641,198	650,113	1,291,311
10-14	563,759	578,393	1,142,152	574,415	587,926	1,162,340
15-19	539,742	562,118	1,101,861	538,710	559,992	1,098,701
20-24	525,665	554,349	1,080,014	534,437	561,372	1,095,809
25-29	379,532	428,028	807,560	409,070	454,660	863,730
30-34	250,642	300,981	551,623	268,038	320,029	588,067
35-39	205,895	237,492	443,387	210,345	245,150	455,495
40-44	174,193	201,872	376,064	176,777	204,662	381,439
45-49	163,858	190,355	354,213	166,040	192,963	359,003
50-54	117,194	141,552	258,746	124,825	150,023	274,848
55-59	81,277	101,684	182,961	86,639	107,480	194,118
60-64	45,582	67,964	113,546	49,250	71,092	120,342
65-69	38,457	58,398	96,854	37,870	58,291	96,160
70-74	27,192	39,972	67,164	27,349	41,016	68,366
75-79	20,406	27,870	48,276	20,050	27,965	48,016
80+	14,840	20,398	35,238	14,734	20,550	35,284
<b>Total</b>	<b>4,597,277</b>	<b>4,959,393</b>	<b>9,556,669</b>	<b>4,736,104</b>	<b>5,095,397</b>	<b>9,831,501</b>

Source: NISR (Population Projection, 2009)

**Table 1.1.2: Distribution of population by sex and broad age groups in 2007 and 2008**

Age groups	2007				2008			
	NUMBER		%		NUMBER		%	
	M	F	M	F	M	F	M	F
Under 5 years old	825,672	811,785	17.96	24.49	856,361	824,113	18.80	16.53
5 to 14 years old	1,187,132	1,214,575	25.82	56.18	1,215,613	1,238,039	25.67	24.30
15 to 64 years old	2,483,580	2,786,395	54.02	2.96	2,564,131	2,867,423	54.14	56.27
65 years old	100,895	146,638	2.19	16.37	100,003	147,822	2.11	2.90
<b>Total population</b>	<b>4,597,277</b>	<b>4,959,393</b>	<b>48.11</b>	<b>51.89</b>	<b>4,736,104</b>	<b>5,095,397</b>	<b>48.17</b>	<b>51.83</b>

Source: NISR (Population Projection, 2009)



**Table 1.1.3: Number of Households, Mean Household size**

Year	2007	2008
Households	2 222 481	2 286 396
Mean Households size	4.3	4.3

Source: NISR, (Population Projection, 2009 &amp; Interim DHS 2007/2008)

**Table 1.1.4: MID-year population and Average number of people per square Kilometre (Population Density)**

Year	2005	2006	2007	2008
Mid-year population	9.04	9.29	9.56	9.83
Density/ km <sup>2</sup>	348	357	368	<b>373</b>

Source: NISR (Population Projection, 2009)

## 1.2. Vital Statistics

**Table 1.2.1: Number of deaths and births**

Year	2007	2008
Births	404,792	417,171
Deaths	141,015	142,339
Rate of Natural Increase per 100	2.76	2.80

Source: NISR (Population Projection, 2009)

**Table 1.2.2: Total fertility Rate (TFR)**

Year	1992 (DHSI)	2000 (DHS_II)	2005 (DHS-III)	2007-08 (IDHS)
TFR	6.2	5.8	6.0	5.5

Source: NISR (DHS series: Figures refer to the three years preceding the survey date)

### 1.3: Gender statistics

**Table 1.3.1: Statistics of men and women in decision making /Public organs/Positions**

<b>GOVERNMENT</b>	<b>Number</b>		<b>%</b>	
	M	F	M	F
Ministers	13	8	62	38
State Ministers	3	2	60	40
<b>PARLIAMENT</b>				
Senators	17	9	65	35
Deputies	35	45	44	56
<b>JUSTICE</b>				
<b>Supreme Court</b>				
Judges	5	5	50	50
Inspectors	3	1	75	25
<b>Court and Tribunals</b>				
Judges/ higher courts	60	34	64	36
Judges/ Lower courts	71	40	64	36
<b>General prosecutor</b>				
General Prosecutors	10	2	83	17
Judicial Police at Higher Courts	40	19	68	32
<b>HIGHS CADRES OF GORVERNMENT</b>				
Permanent Secretaries/ Ministers	14	5	73	27
Directors Generals	16	6	73	27
Directors of Units/ministries	132	45	75	25
<b>LOCAL Government</b>				
Governors	3	2	60	40
Bureaux of Consultative Committees of districts	55	35	61	39
Consultative Committees of districts	418	352	54	46
Mayors	28	2	93	7
<b>HEALTH</b>				
Specialist Doctors	62	15	80	20
General Doctors	343	66	84	16

Source: Permanent executive secretariat for Beijing PFA FOLLOW-UP (2009)

**Table 1.3.2: Primary education**

<b>Years</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Number of enrolled Boys	912 207	984 272	1 058 026	1 076 108
Number of enrolled Girls	945 634	1 035 719	1 092 404	1 114 148
<b>Total</b>	<b>1 857 841</b>	<b>2 019 991</b>	<b>2 150 430</b>	<b>2 190 256</b>
<b>% of Girls</b>	<b>50,9%</b>	<b>51,3%</b>	<b>50,8%</b>	<b>50,9%</b>

Source: MINEDUC

**Table 1.3.3: Secondary education**

<b>Years</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Number of enrolled Boys	115350	125857	139699	150221
Number of enrolled Girls	103167	113772	126819	137815
<b>Total</b>	<b>218517</b>	<b>239629</b>	<b>266518</b>	<b>288036</b>
<b>% of girls</b>	<b>47,2%</b>	<b>47,5%</b>	<b>47,6%</b>	<b>47,8%</b>

Source: MINEDUC

## **Chapter 2: Health and Nutrition**

## 2.1: Infant and maternal health indicators

**Table 2.1.1: Infant mortality rate**

Infant mortality rate per 1000 live births				
Year	2005	2006	2007	2008
IMR/1000 live births	86	86	62	62
Under-five mortality rate per 1000 live births				
Year	2005	2006	2007	2008
IMR/1000 live births	152	152	103	103
IMR classified by wealth quintiles				
Year	2005	2006	2007	2008
Poor	114	114	99	99
Second	111	111	62	62
Middle	90	90	74	74
Quarter	121	121	85	85
Rich	73	73	45	45

Source: NISR, DHS 2005& IDHS 2007/2008

**Table 2.1.2: Proportion of 1 year-old children immunized against measles (12-23 months)**

Characteristics	2005	2006	2007	2008
Sex				
Male	84.9	84.9	90.1	90.1
Female	86.4	86.4	90.7	90.7
Birth order				
1	90.7	90.7	92.7	92.7
2-3	85.5	85.5	89.5	89.5
4-5	85.6	85.6	88.3	88.3
6+	81.7	81.7	92.2	92.2
Residence				
Urban	89.6	89.6	91.8	91.8
Rural	85.0	85.0	90.2	90.2
Mother's education				
No education	82.6	82.6	86.1	86.1
Primary	86.0	86.0	91.4	91.4
Secondary/Higher	92.0	92.0	95.3	95.3
Province				
1. East	73.9	73.9	90.8	90.8
2. West	82.5	82.5	87.7	87.7
3. North	92.1	92.1	92.4	92.4
4. South	94.1	94.1	92.9	92.9
5. Kigali City	85.4	85.4	89.2	89.2
<b>Rwanda</b>	<b>85.6</b>	<b>85.6</b>	<b>90.4</b>	<b>90.4</b>

Source: NISR, DHS 2005& IDHS 2007/2008

**Table 2.1.3: Percentage of under-five children (12-23 months) fully immunized  
(all basic vaccinations)**

Characteristics	2005	2006	2007	2008
<b>Sex</b>				
Male	75.0	75.0	80.2	80.2
Female	75.4	75.4	80.6	80.6
<b>Birth order</b>				
1	79.0	79.0	82.6	82.6
2-3	74.6	74.6	79.0	79.0
4-5	74.7	74.7	79.3	79.3
6+	73.3	73.3	82.0	82.0
<b>Residence</b>				
Urban	71.0	71.0	80.5	80.5
Rural	75.8	75.8	80.4	80.4
<b>Mother education</b>				
No education	71.8	71.8	77.0	77.0
Primary	76.2	76.2	81.3	81.3
Secondary or +	77.7	77.7	84.0	84.0
<b>Wealth quintile</b>				
Lowest	74.3	74.3	81.5	81.5
Second	73.8	73.8	79.0	79.0
Middle	75.0	75.0	78.2	78.2
Fourth	78.7	78.7	81.2	81.2
Highest	74.0	74.0	83.4	83.4
<b>Rwanda</b>	<b>75.2</b>	<b>75.2</b>	<b>80.4</b>	<b>80.4</b>

Source: NISR, DHS 2005& IDHS 2007/2008

**Table 2.1.4: Percentage of under-five children fully immunized (12-23 months)  
(all basic vaccinations) by Province**

Province	2005	2006	2007	2008
1.East	67.0	67.0	76.7	76.7
2.West	72.0	72.0	85.3	85.3
3.North	81.2	81.2	84.5	84.5
4.South	84.3	84.3	77.1	77.1
5.Kigali City	61.7	61.7	77.8	77.8
<b>Rwanda</b>	<b>75.2</b>	<b>75.2</b>	<b>80.4</b>	<b>80.4</b>

Source: NISR, DHS 2005& IDHS 2007/2008

**Table 2.1.5: Childhood vaccination and ITN distribution in 2008**

Vaccine Antigen	Total Vaccinated	Total < 1 year	Coverage
BCG	345,981	320,482	86%
P1-DTC-HepB/ Hib1	310,356	310,155	83%
P2- DTC-HepB/ Hib2	305,211	304,978	81%
P3-DTC-HepB/ Hib3	299,161	298,575	80%
Polio-O	267,524	267,080	71%
Measles	290,121	285,687	76%
Number of children who received ITN	228,562	227,178	61%

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.1.6: Vaccination coverage rate (2005-2008)**

Year	2005	2006	2007	2008
DTC3	95%	96%	97%	96%
VPO3	95%	95%	98%	96%
VAR	89%	94.7%	101.3%	92.4%
VAT2+	54%	61%	61%	67%

Source: MoH, Annual report 2007-2008

**Table 2.1.7: Percentage of under-five children with fever who received treatment within 24 hours**

Province	2005	2006	2007	2008
1.East	29.3	29.3	37.5	37.5
2.West	23.6	23.6	35.8	35.8
3.North	22.9	22.9	38.4	38.4
4.South	29.5	29.5	27.3	27.3
5.Kigali City	25.2	25.2	41.2	41.2
<b>Rwanda</b>	<b>26.2</b>	<b>26.2</b>	<b>34.9</b>	<b>34.9</b>

Source: NISR, DHS 2005&amp; IDHS 2007/2008

**Table 2.1.8: Percentage of pregnant women receiving ANC**

Province	2005	2006	2007	2008
1.East	94.3	94.3	95.0	95.0
2.West	92.9	92.9	96.6	96.6
3.North	96.7	96.7	96.6	96.6
4.South	94.9	94.9	95.3	95.3
5.Kigali City	92.7	92.7	95.8	95.8
<b>Rwanda</b>	<b>94.4</b>	<b>94.4</b>	<b>96.0</b>	<b>96.0</b>

Source: NISR, DHS 2005&amp; IDHS 2007/2008

**Table 2.1.9: Ante Natal visits in 2008**

Indication	Catchment's area	Out of Catchment's area	Out of district	Total	% of new registrations
New registrations	286,237	41,900	15,077	243,164	-
Standard visit 1 <sup>st</sup> trim	57,003	7,217	2,154	66,374	19.3%
Standard visit 2 <sup>nd</sup> trim	142,766	19,433	6,417	168,616	49.1%
Number of women with 4 standards visits	27,852	3,390	1,093	32,335	9.4%
High-risk pregnancies screened	52,838	6,935	2,530	62,303	18.2%
High-risk pregnancies referred	13,059	2,283	695	16,037	4.7%

Source: MoH, 2009 Rwanda Health Statistical booklet

**Table 2.1.10: Percentage of under-five children with diarrhea who received ORT treatment within 24 hours**

Characteristics	2005	2006	2007	2008
<b>Age in months</b>				
<6	16.0	16.0	15.5	15.5
6-11	30.9	30.9	32.0	32.0
12-23	31.9	31.9	40.3	40.3
24—35	36.2	36.2	42.8	42.8
36-47	36.1	36.1	44.9	44.9
48-59	32.1	32.1	40.1	40.1
<b>Sex</b>				
Male	31.0	31.0	37.4	37.4
Female	33.1	33.1	40.8	40.8
<b>Type of diarrhea</b>				
Non-bloody	-	-	39.8	39.8
Bloody	-	-	42.1	42.1
Missing	-	-	28.9	28.9
<b>Residence</b>				
Urban	39.5	39.5	46.6	46.6
Rural	30.8	30.8	37.7	37.7
<b>Mother's education</b>				
No education	29.9	29.9	34.0	34.0
Primary	31.5	31.5	39.7	39.7
Secondary or higher	48.7	48.7	54.7	54.7
<b>Province</b>				
1. East	28.0	28.0	31.5	31.5
2. West	32.8	32.8	45.3	45.3
3. North	27.6	27.6	42.5	42.5
4. South	35.9	35.9	32.3	32.3
5. Kigali City	40.9	40.9	59.5	59.5
<b>Rwanda</b>	<b>31.9</b>	<b>31.9</b>	<b>39.1</b>	<b>39.1</b>

Source: NISR, DHS 2005&amp; IDHS 2007/2008



**Table 2.1.11: Percentage of births attended by skilled health personnel**

Province	2005	2006	2007	2008
1.East	38.5	38.5	52.7	52.7
2.West	34.4	34.4	51.9	51.9
3.North	34.1	34.1	47.7	47.7
4.South	39.9	39.9	50.7	50.7
5.Kigali City	61.8	61.8	65.5	65.5
<b>Rwanda</b>	<b>38.6</b>	<b>38.6</b>	<b>52.1</b>	<b>52.1</b>

Source: NISR, DHS 2005&amp; IDHS 2007/2008

**Table 2.1.12: Mothers assisted during delivering by type of assistant and by some characteristics**

Characteristics	Assistance during delivery, 2007/ 2008						
	Doctor	Other health professional	Traditional birth attendant	Relative or other	No one	DK, missing	Total
<b>Educational level</b>							
No education	2.5	36.5	2.0	36.4	17.2	5.4	39.0
Primary	5.5	48.4	1.4	30.2	11.0	3.5	53.9
Secondary or Higher	20.0	62.0	1.1	11.0	4.5	1.5	82.0
<b>Age at Birth</b>							
< 20	7.9	59.4	1.1	22.5	5.5	3.7	67.3
20-34	5.9	47.3	1.7	29.9	11.1	4.1	53.3
35- 49	4.6	38.8	1.0	34.4	18.1	3.0	43.4
<b>Birth order</b>							
<b>1</b>	10.0	63.8	1.3	16.1	4.3	4.5	73.8
<b>2 to 3</b>	5.8	46.2	1.8	32.2	10.5	3.5	52.0
<b>4 to 5</b>	3.5	39.3	1.7	33.9	17.4	4.3	42.7
<b>6+</b>	3.9	36.6	1.1	38.2	17.0	3.2	40.5
<b>Residence</b>							
Urban	14.4	55.3	1.7	20.4	6.7	1.4	69.8
Rural	4.3	44.8	1.5	32.1	13.1	4.2	49.1
<b>Province</b>							
1.East	5.4	47.4	2.5	29.0	11.2	4.7	52.7
2.West	4.1	47.8	0.5	33.4	11.2	3.0	51.9
3.North	5.2	42.5	1.0	29.1	17.5	4.7	47.7
4.South	5.1	45.6	1.7	32.1	12.0	3.5	50.7
5.Kigali City	16.1	49.4	2.3	22.3	6.9	3.0	65.5
<b>Rwanda</b>	<b>5.8</b>	<b>46.3</b>	<b>1.5</b>	<b>30.4</b>	<b>12.2</b>	<b>3.8</b>	<b>52.1</b>

Source: NISR, IDHS 2007/2008

**Table 2.1.13: Evolution of Assisted deliveries in HF/ District in percentage**

<b>Province</b>	<b>Districts</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>1.East</b>				
	Bugesera	37.98	47.72	70.70
	Gatsibo	24.23	36.79	52.50
	Kayonza	20.78	42.81	59.79
	Kirehe	-	-	-
	Ngoma	17.25	34.19	54.07
	Nyagatare	-	-	-
	Rwamagana	20.78	41.01	49.46
<b>2.West</b>				
	Karongi	-	-	-
	Ngororero	29.56	35.77	42.31
	Nyabihu	-	-	-
	Nyamasheke	40.54	44.97	53.99
	Rubavu	26.36	33.94	38.01
	Rusizi	32.75	37.76	46.49
	Rutsiro	34.89	45.66	47.49
<b>3. North</b>				
	Burera	32.32	40.18	44.97
	Gakenke	25.54	31.06	28.10
	Gicumbi	34.42	39.16	42.77
	Musanze	-	-	-
	Rulindo	32.03	40.78	48.33
<b>4.South</b>				
	Gisagara	34.92	35.33	43.33
	Huye	23.21	35.29	49.52
	Kamonyi	-	-	-
	Muhanga	42.61	49.99	53.65
	Nyamagabe	-	-	-
	Nyanza	26.78	31.89	42.26
	Nyaruguru	28.53	38.68	49.51
	Ruhango	31.19	39.97	49.65
<b>5.Kigali City</b>				
	Gasabo	19.06	28.05	34.68
	Kicukiro	25.57	35.10	46.13
	Nyarugenge	6.42	8.61	17.86
<b>Rwanda</b>		<b>28.91</b>	<b>37.29</b>	<b>46.02</b>

Source: MoH, annual report 2008

Table 2.1.14: Percentage of Births by place of birth

Characteristics	2005			2006			2007			2008		
	Health Facility		Home	Health Facility		Home	Health Facility		Home	Health Facility		Home
	Public Sector	Private Sector		Public Sector	Private Sector		Public Sector	Private Sector		Public Sector	Private Sector	
<b>Age of the Mother</b>												
<20	37.5	2.7	58.8	37.5	2.7	58.8	58.8	1.2	35.2	58.8	1.2	35.2
20-34	28.1	1.4	69.3	28.1	1.4	69.3	45.6	0.9	47.7	45.6	0.9	47.7
35-49	19.7	0.6	77.9	19.7	0.6	77.9	35.4	0.8	58.9	35.4	0.8	58.9
<b>Birth order</b>												
<b>1</b>	47.9	2.3	48.5	47.9	2.3	48.5	66.0	1.2	26.6	66.0	1.2	26.6
<b>2-3</b>	26.0	1.5	71.3	26.0	1.5	71.3	44.1	1.0	49.5	44.1	1.0	49.5
<b>4-5</b>	21.5	1.2	76.1	21.5	1.2	76.1	34.2	0.8	59.3	34.2	0.8	59.3
<b>6+</b>	17.6	0.4	80.4	17.6	0.4	80.4	33.9	0.5	60.6	33.9	0.5	60.6
<b>Area of residence</b>												
Urban	49.7	5.2	44.1	49.7	5.2	44.1	60.9	3.5	32.8	60.9	3.5	32.8
Rural	23.2	0.6	74.8	23.2	0.6	74.8	41.6	0.4	52.0	41.6	0.4	52.0
<b>Instruction of the mother</b>												
No instruction	17.1	0.7	80.6	17.1	0.7	80.6	31.3	0.3	61.3	31.3	0.3	61.3
Primary	26.8	0.9	71.0	26.8	0.9	71.0	46.1	0.6	48.0	46.1	0.6	48.0
Secondary and +	61.2	5.9	31.7	61.2	5.9	31.7	73.9	5.3	18.3	73.9	5.3	18.3

Table 2.1.14: Percentage of Births by place of birth (Next)

Characteristics	2005			2006			2007			2008		
	Health Facility		Home	Health Facility		Home	Health Facility		Home	Health Facility		Home
	Public Sector	Private Sector		Public Sector	Private Sector		Public Sector	Private Sector		Public Sector	Private Sector	
<b>Wealth Quintiles</b>												
Lowest	16.0	0.6	82.0	16.0	0.6	82.0	36.3	0.1	57.8	36.3	0.1	57.8
Second	19.0	0.3	79.6	19.0	0.3	79.6	37.8	0.6	55.1	37.8	0.6	55.1
Middle	22.4	0.9	75.3	22.4	0.9	75.3	42.9	0.4	51.7	42.9	0.4	51.7
Forth	27.2	0.7	70.6	27.2	0.7	70.6	46.5	0.2	47.3	46.5	0.2	47.3
Highest	54.1	4.4	40.3	54.1	4.4	40.3	61.8	3.5	30.9	61.8	3.5	30.9
<b>Ante natal visits</b>												
None	8.8	1.1	88.9	8.8	1.1	88.9	8.6	0.0	88	8.6	0.0	88
1-3	26.0	1.3	71.4	26.0	1.3	71.4	45.8	1.0	51.2	45.8	1.0	51.2
4 or +	46.4	2.6	48.9	46.4	2.6	48.9	63.8	0.9	32.5	63.8	0.9	32.5
<b>Province</b>												
1.East	20.6	0.6	77.5	20.6	0.6	77.5	42.1	0.4	51.2	42.1	0.4	51.2
2.West	24.1	0.5	73.4	24.1	0.5	73.4	47.3	0.5	47.8	47.3	0.5	47.8
3.North	28.3	1.5	69.3	28.3	1.5	69.3	43.7	0.6	48.5	43.7	0.6	48.5
4.South	27.5	0.7	70.7	27.5	0.7	70.7	40.9	0.6	53.3	40.9	0.6	53.3
5.Kigali City	50.1	7.4	41.7	50.1	7.4	41.7	55.2	5.6	35.4	55.2	5.6	35.4
<b>Rwanda</b>	<b>26.9</b>	<b>1.3</b>	<b>70.4</b>	<b>26.9</b>	<b>1.3</b>	<b>70.4</b>	<b>44.3</b>	<b>0.9</b>	<b>49.2</b>	<b>44.3</b>	<b>0.9</b>	<b>49.2</b>

Source: NISR, DHS 2005&amp; IDHS 2007/2008

**Table 2.1.15: Location of assisted deliveries in 2008**

Location of delivery	Normal deliveries	Dystocic deliveries	Total deliveries	Maternal deaths
Health Centers	146,809	1,563	148,372	320
District Hospitals	49,932	17,955	67,887	513
Referral Hospitals	6,231	4,316	10,547	-
<b>Total</b>	<b>202,972</b>	<b>23,834</b>	<b>226,806</b>	<b>833</b>

Source: MoH, Rwanda Health Statistical Booklet

**Table 2.1.16: Caesarian sections in District Hospitals and referral Hospital in 2008**

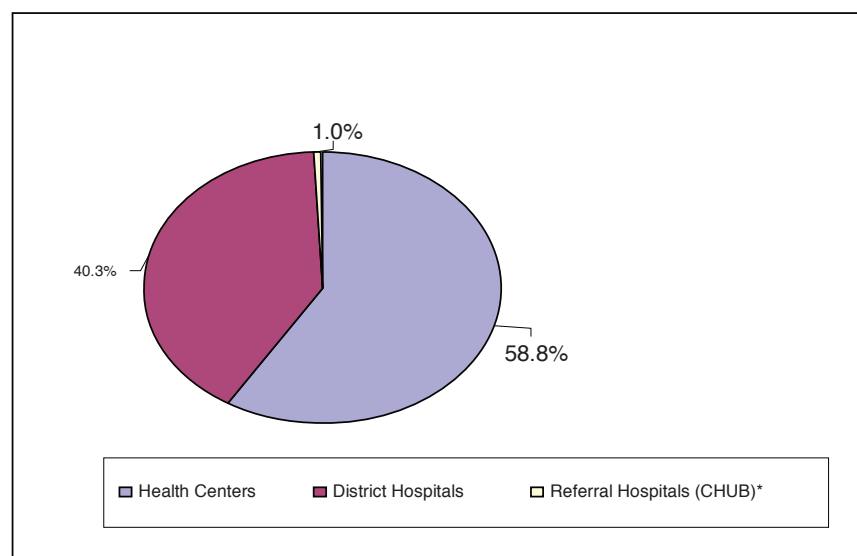
Health Facility	Number of deliveries	Number dystocic deliveries	Number cesarean section	Cesarean % of total delivery	Cesarean % of dystocic deliveries
DH	67,887	17,955	15,938	23.5%	88.8%
Referral Hospital	10,547	4,316	1,410	13.4%	32.7%
<b>Total</b>	<b>78,434</b>	<b>22,271</b>	<b>17,348</b>	<b>22.1%</b>	<b>77.9%</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.1.17: Deliveries and outcomes in health centers and hospitals in 2008**

Place of Birth	Total Births	Low birth /weight	Acceptable weight at birth	Number of infant deaths
Health Centers	162,313	5,856	156,457	3,567
District Hospitals	54,856	7,764	88,648	2,444
Referral Hospitals (CHUB)*	1,654	NA	NA	59
<b>Total</b>	<b>218,823</b>	<b>13,620</b>	<b>245,105</b>	<b>6,070</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet, \* only CHUB provides data on delivery outcomes

**Figure 1: Distribution of infant deaths by type of health care facility in 2008**

**Table 2.1.18: Maternal Mortality Rate**

Women's age groups	2005	2006
15-19	3.3	3.3
20-24	21.1	21.1
25-29	21.7	21.7
30-34	29.3	29.3
35-39	17.3	17.3
40-44	22.1	22.1
45-49	9.7	9.7
15-49	19.7	19.7
<b>Maternal Mortality Rate/100,000</b>	<b>750</b>	<b>750</b>

Source: NISR, DHS 2005

Note: The proportions corresponding to women's ages are proportions concerning maternal death.

## 2.2. Fertility

**Table 2.2.1: Total fertility rate (TFR) and Crude Birth Rate (CBR)**

Rate	2005			2006			2007			2008		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
TFR	-	-	6.1	-	-	6.1	4.7	5.7	5.5	4.7	5.7	5.5
CBR	-	-	43.2	-	-	43.2	36.8	39.6	39.2	36.8	39.6	39.2

Source: NISR, DHS 2005&amp; IDHS 2007/2008

**Table 2.2.2: Total fertility rate (TFR)**

Characteristics	2005	2006	2007	2008
<b>Residence</b>				
Urban	4.9	4.9	4.7	4.7
Rural	6.3	6.3	5.7	5.7
<b>Education</b>				
No education	7.0	7.0	6.1	6.1
Primary	6.1	6.1	5.7	5.7
Secondary or +	4.3	4.3	3.8	3.8
<b>Province</b>				
1.East	6.5	6.5	5.8	5.8
2.West	6.6	6.6	5.4	5.4
3.North	6.4	6.4	5.8	5.8
4.South	5.6	5.6	5.5	5.5
5.Kigali City	4.3	4.3	4.4	4.4
<b>Wealth Quintile</b>				
Poor	6.1	6.1	5.8	5.8
Second	6.3	6.3	5.7	5.7
Middle	6.7	6.7	6.0	6.0
Quarty	6.4	6.4	5.8	5.8
Rich	5.0	5.0	4.4	4.4
<b>Rwanda(TFR)</b>	<b>6.1</b>	<b>6.1</b>	<b>5.5</b>	<b>5.5</b>

Source: NISR, DHS 2005&amp; IDHS 2007/2008

**Table 2.2.3: Total fertility rates and age specific fertility rates in DHS 2005, 2007**

Age group	DHS 2005		DHS 2007	
	ASFR	%	ASFR	%
15-19	42	3.4	40	3.6
20- 24	235	19.4	211	19.1
25-29	305	25.1	272	24.7
30-34	273	22.5	246	22.3
35-39	211	17.4	209	19.0
40-44	117	9.6	105	9.5
45-49	32	2.6	20	1.8
<b>Total</b>	<b>1,215</b>	<b>100</b>	<b>1,103</b>	<b>100</b>
<b>TFR</b>	<b>6.1</b>	<b>-</b>	<b>5.5</b>	<b>-</b>

Source: NISR, DHS 2005&amp; IDHS 2007/2008

## 2.3. HIV

Table 2.3.1: Condom utilization rate among youth (15-24)

Characteristics	2005	2006*
<b>Male (15-24)</b>	<b>39.5</b>	-
15-19	37.0	23.0
20-24	40.8	44.2
<b>Female( 15-24)</b>	<b>26.4</b>	-
15-19	27.6	24.8
20-24	25.5	32.2

Source: NISR, DHS 2005,\* MoH Annual report 2006

Table 2.3.2: Condom utilization rate

Characteristics	2005	2006*
<b>Sex</b>		
Male	40.9	-
Female	19.7	-
<b>Age group</b>		
15-19 : Male	37.0	23
Female	27.6	24.8
20-24 : Male	40.8	44.2
Female	25.5	32.2
25-29 : Male	61.8	-
Female	21.6	-
30-39 : Male	37.2	-
Female	15.6	-
40-49 : Male	16.0	-
Female	6.2	-
<b>Education</b>		
None : Male	30.5	-
Female	14.0	-
Primary : Male	32.9	-
Female	16.3	-
Secondary or + : Male	76.4	-
Female	46.8	-
<b>Residence</b>		
Rural : Male	29.6	-
Female	14.1	-
Urban : Male	62.9	-
Female	34.5	-
Condom use at last high risk sex:		
Male	41.0%	-
Female	20.0%	-
Percentage of 15-24 year old acquiring HIV	2.1%	-

Source: NISR, DHS 2005,\*MoH Annual report 2006



**Table 2.3.4: HIV prevalence rate among people tested in VCT (Sex, Age group, Province)**

Sex	2005			2006			2007			2008		
	Tested	VIH+	% VIH+	Tested	VIH+	% VIH+	Tested	VIH+	% VIH+	Tested	VIH+	% VIH+
Male	4,102	659	16.1	243,074	15,488	6.4	398,735	16,724	4.2	447,786	12,945	2.9
Female	3,847	1,038	27.0	285,418	22,965	8.0	465,328	23,112	5.0	522,189	18,622	3.6
<b>Total</b>	<b>7,949</b>	<b>1,697</b>	<b>21.3</b>	<b>528,492</b>	<b>38,453</b>	<b>7.3</b>	<b>864,063</b>	<b>39,836</b>	<b>4.6</b>	<b>969,975</b>	<b>31,567</b>	<b>3.3</b>
Age group	2005			2006			2007			2008		
<18	760	205	27.0	74,578	3,656	4.9	147,566	3,777	2.6	198,589	2,885	1.5
18-25	2,104	256	12.2	188,562	8,347	4.4	276,472	8,807	3.2	314,778	7,199	2.3
25<	5,071	1,236	24.4	258,238	26,462	10.2	421,523	27,203	6.5	456,901	21,575	4.7
<b>Total</b>	<b>7,935</b>	<b>1,697</b>	<b>21.4</b>	<b>521,378</b>	<b>38,465</b>	<b>7.4</b>	<b>845,561</b>	<b>39,787</b>	<b>4.7</b>	<b>970,268</b>	<b>31,659</b>	<b>3.3</b>
Province	2005			2006			2007			2008		
East	90,060	8,951	9.9	121,483	9,829	8.1	202,129	9,940	4.9	230,592	8,508	3.7
West	126,453	9,259	7.3	147,778	8,319	5.6	257,285	9,289	3.6	289,067	6,708	2.3
North	73,344	4,484	6.1	94,996	4,627	4.9	158,437	4,911	3.1	193,719	4,554	2.4
South	1,790	138	7.7	106,710	8,247	7.7	162,604	8,470	5.2	180,208	6,342	3.5
Kigali City	73,896	11,244	15.2	59,615	8,062	13.5	85,645	7,895	9.2	79,155	5,896	7.4
<b>Total</b>	<b>365,543</b>	<b>34,076</b>	<b>9.3</b>	<b>530,582</b>	<b>39,084</b>	<b>7.4</b>	<b>866,100</b>	<b>40,505</b>	<b>4.7</b>	<b>972,741</b>	<b>32,008</b>	<b>3.3</b>

Source: Trac plus VCT/PMTCT

**Table 2.3.5: HIV prevalence among pregnant women in PMTCT by Province**

Province	2005			2006			2007			2008		
	Tested	VIH+	% VIH+	Tested	VIH+	% VIH+	Tested	VIH+	% VIH+	Tested	VIH+	% VIH+
East	40,864	1,934	4.7	51,229	2,113	4.1	63,591	2,055	3.2	80,213	2,117	2.6
West	51,405	1,976	3.8	66,747	2,321	3.5	64,013	2,060	3.2	75,188	1,881	2.5
North	29,306	841	2.9	36,896	1,064	2.9	35,523	872	2.5	47,633	1,009	2.1
South	36,112	1,618	4.5	57,368	2,233	3.9	55,136	1,813	3.3	66,324	1,979	3.0
Kigali City	22,352	2,288	10.2	26,004	2,709	10.4	28,434	2,488	8.8	28,622	1,888	6.6
<b>Total</b>	<b>180,039</b>	<b>8,657</b>	<b>4.8</b>	<b>238,244</b>	<b>10,440</b>	<b>4.4</b>	<b>246,697</b>	<b>9,288</b>	<b>3.8</b>	<b>297,980</b>	<b>8,874</b>	<b>3.0</b>

Source: Trac plus VCT/PMTCT

**Table 2.3.7: HIV prevalence rate in population aged 15-59 by age group, residence, education, province( 2005-2006)**

<b>Characteristics</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
<b>Age group</b>			
15-19	0.4	0.6	0.5
20-24	0.5	2.5	1.6
25-29	2.1	3.4	2.9
30-34	4.2	5.9	5.2
35-39	2.3	6.9	4.8
40-44	7.1	6.3	6.6
45-49	5.3	4.1	4.6
50-54	1.7	NA	NA
55-59	0.8	NA	NA
<b>Residence (15-49)</b>			
Urban	5.8	8.6	7.3
Rural	1.6	2.6	2.2
<b>Education (15-49)</b>			
None	3.0	3.3	3.2
Primary	1.8	2.8	2.3
Secondary or +	3.2	6.4	4.9
<b>Province (15-49)</b>			
1.East	2.1	2.9	2.5
2.West	1.1	3.7	3.2
3.North	1.1	2.6	2.0
4.South	2.0	3.1	2.7
5.Kigali City	5.2	8.0	6.7
<b>Total (15-49)</b>	<b>2.3</b>	<b>3.6</b>	<b>3.0</b>
<b>Total (15-59)</b>	<b>2.2</b>	<b>NA</b>	<b>NA</b>

Source: NISR, DHS 2005

**Table 2.3.8: Percentage of population aged 15-24 years with comprehensive correct knowledge of HIV/AIDS in 2005**

Age group	Female	Male
15-19	<b>45.3</b>	<b>49.0</b>
15-17	43.5	45.1
18-19	48.4	55.8
20-24	<b>57.1</b>	<b>59.0</b>
20-22	56.6	57.6
23-24	57.8	61.5
<b>Residence</b>		
Urban	63.3	58.6
Rural	48.1	52.6
<b>Province</b>		
1.East	52.6	50.9
2.West	36.0	45.5
3.North	51.8	54.4
4.South	56.8	62.2
5.Kigali City	67.6	54.8
<b>Rwanda</b>	<b>50.9</b>	<b>53.6</b>

Source: NISR, DHS 2005

**Table 2.3.9: Number of HIV patients with more than 12 months on treatment**

Province	2005	2006	2007	2008
1.East	236	1,737	4,568	6,664
2.West	263	2,773	5,731	8,271
3.North	507	1,625	4,016	5,505
4.South	1,255	2,054	5,142	5,940
5.Kigali City	2,406	5,235	9,995	13,882
<b>Rwanda</b>	<b>4,667</b>	<b>13,424</b>	<b>29,452</b>	<b>40,262</b>

Source: Trac Plus

**Table 2.3.10: Percentage of VIH pregnant women who received Anti-retroviral Therapy (ART) to reduce the risk of MTCT/PMTC (15-49)**

Characteristics	2005	2006	2007	2008*
Total women VIH+	8,657	10,447	9,309	8,870
VIH + women on ART	-	-	4,413	7,210
% of VIH + women on ART	-	-	47.4	81.3
HIV prevalence among pregnant women in PMTCT	4.8	4.4	3.8	3.0
HIV prevalence among partners	5.4	4.9	3.6	3.07

Source: Trac plus Annual report 2007, \*MoH annual report 2008

**Table 2.3.11: Percentage of people on ARV by Sex, Children under 15 years old and type of FOSA**

<b>Sex</b>	<b>2007</b>	<b>2008*</b>
Male	36%	37%
Female	64%	63%
<b>Children under 15</b>		
Male	49%	50%
Female	51%	50%
<b>Type of FOSA:</b>		
Health Centre	54%	58%
Hospital	33%	32%
Referral Hospital	7%	6%
Dispensary	2%	2%
Clinic	4%	2%

Source: Trac plus Annual report 2007,\*MoH annual report 2008

**Table 2.3.12: Number of couples tested and % of discordant couples**

<b>Year</b>		<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
VCT	Couple tested	59,216	55,885	85,343	101,283
	Discordant couples	4,375	3,783	4,566	3,877
PMTCT	Couple tested	58,718	126,657	162,555	229,201
	Discordant couples	2,655	4,652	5,057	6,085
<b>Total VCT/PMTCT</b>	<b>Couple Tested</b>	<b>117,934</b>	<b>182,542</b>	<b>247,898</b>	<b>330,484</b>
	<b>Discordant couples</b>	<b>7,03</b>	<b>8,435</b>	<b>9,623</b>	<b>9,962</b>
<b>% of Discordant couples</b>		<b>6.0</b>	<b>4.6</b>	<b>3.9</b>	<b>3.0</b>

Source: MoH, annual report 2008

**Table 2.3.13: Number of VCT/PMTCT sites**

<b>Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
VCT Sites	233	260	316	389
PMTCT sites	209	234	285	341

Source: Trac plus VCT/PMTCT

**Table 2.3.14: Distribution of patients on Anti-retroviral therapy (ART) by District 2008**

Province	District	Number of sites	Children	Adults	Total
<b>1.East</b>		<b>45</b>	<b>931</b>	<b>9,701</b>	<b>10,632</b>
	Bugesera	5	110	1,142	1,252
	Gatsibo	9	136	1,293	1,429
	Kayonza	7	201	1,932	2,133
	Kirehe	3	114	1,125	1,239
	Ngoma	7	138	1,447	1,585
	Nyagatare	6	83	1,106	1,189
	Rwamagana	8	149	1,656	1,805
<b>2.West</b>		<b>46</b>	<b>1,475</b>	<b>12,006</b>	<b>13,481</b>
	Karongi	13	340	2,640	2,980
	Ngororero	4	138	1,227	1,365
	Nyabihu	6	150	1,358	1,508
	Nyamasheke	9	312	2,213	2,525
	Rubavu	4	200	1,852	2,052
	Rusizi	5	220	1,734	1,954
	Rutsiro	5	115	982	1,097
<b>3.North</b>		<b>31</b>	<b>738</b>	<b>7,270</b>	<b>8,008</b>
	Burera	6	135	1,259	1,394
	Gakenke	6	116	1,336	1,452
	Gicumbi	7	151	1,536	1,687
	Musanze	4	190	1,706	1,896
	Rulindo	8	146	1,433	1,579
<b>4.South</b>		<b>38</b>	<b>943</b>	<b>9,792</b>	<b>10,735</b>
	Gisagara	5	44	511	555
	Huye	4	199	1,770	1,969
	Kamonyi	5	113	1,010	1,123
	Muhanga	5	174	2,127	2,301
	Nyamagabe	5	167	1,531	1,698
	Nyanza	3	75	1,042	1,117
	Nyaruguru	5	56	575	631
	Ruhango	6	115	1,226	1,341
<b>5.Kigali City</b>		<b>35</b>	<b>1,548</b>	<b>18,745</b>	<b>20,293</b>
	Gasabo	14	439	5,899	6,338
	Kicukiro	8	308	5,167	5,475
	Nyarugenge	13	801	7,679	8,480
<b>Rwanda</b>		<b>195</b>	<b>5,635</b>	<b>57,514</b>	<b>63,149</b>

Source: MoH, annual report 2008

**Table 2.3.15: Voluntary VIH /AIDS testing by age group in 2008**

Age	< 18 years	18-25	25 years or +	Total
	<b>2005</b>			
People tested	53,635	165,878	192,139	411,652
In % of total	13.0	40.3	46.7	100.0
Number of VIH+	3,341	8,641	26,331	38,313
VIH+ prevalence	6.2	5.2	13.7	9.3
VIH+ prevalence in % of total	8.7	22.6	68.7	100.0
	<b>2006</b>			
People tested	74,572	188,481	258,203	521,256
In % of total	14.3	36.2	49.5	100
Number of VIH+	3,656	8,346	26,461	38,463
VIH+ prevalence	4.9	4.4	10.2	7.4
VIH+ prevalence in % of total	9.5	21.7	68.8	100
	<b>2007</b>			
People tested	147,503	276,248	421,172	844,923
In % of total	17.5	32.7	49.8	100
Number of VIH+	3,776	8,801	27,188	39,765
VIH+ prevalence	2.6	3.2	6.5	4.7
VIH+ prevalence in % of total	9.5	22.1	68.4	100
	<b>2008*</b>			
People tested	195,825	312,827	456,314	964,966
In % of total	20.3	32.4	47.3	100
Number of VIH+	2,898	7,406	21,895	32,199
VIH+ prevalence	1.5	2.4	4.8	3.3
VIH+ prevalence in % of total	9.0	23.0	68.0	100

Source: \*MoH, 2009 Rwanda Health Statistical Booklet; Trac Plus/VCT

## 2.4. Family Planning

**Table 2.4.1: Women 15-49 using modern contraceptive methods (all women)**

Age groups	2005	2006	2007	2008
15-19	0.3	0.3	1.5	1.5
20-24	4.1	4.1	11.0	11.0
25-29	8.6	8.6	24.5	24.5
30-34	10.5	10.5	29.5	29.5
35-39	10.3	10.3	25.2	25.2
40-44	7.1	7.1	19.1	19.1
45-49	4.0	4.0	10.0	10.0
<b>Rwanda</b>	<b>5.6</b>	<b>5.6</b>	<b>16.3</b>	<b>16.3</b>

Source: NISR, DHS 2005& IDHS 2007/2008

**Table 2.4.2: Percentage of married women aged (15-49) using modern Contraceptive methods by some characteristics**

Characteristics	2005	2006	2007	2008
<b>Province</b>				
1.East	8.5	8.5	26.3	26.3
2.West	10.3	10.3	26.3	26.3
3.North	9.8	9.8	33.3	33.3
4.South	8.4	8.4	22.9	22.9
5.Kigali City	23.2	23.2	34.5	34.5
<b>Age groups</b>				
15-19	3.2	3.2	23.7	23.7
20-24	7.6	7.6	21.6	21.6
25-29	10.9	10.9	30.6	30.6
30-34	12.7	12.7	34.1	34.1
35-39	13.1	13.1	30.4	30.4
40-44	10.0	10.0	25.2	25.2
45-49	5.8	5.8	14.3	14.3
<b>Education</b>				
None	5.9	5.9	19.0	19.0
Primary	9.7	9.7	28.7	28.7
Secondary or +	29.1	29.1	42.7	42.7
<b>Residence</b>				
Rural	8.6	8.6	25.9	25.9
Urban	21.2	21.2	36.1	36.1
<b>Rwanda</b>	<b>10.3</b>	<b>10.3</b>	<b>27.4</b>	<b>27.4</b>

Source: NISR, DHS 2005& IDHS 2007/2008

**Table 2.4.3: Contraceptive prevalence/ type of method (modern, traditional) by Province**

Year	2005		2006		2007		2008	
Province/Method	Modern	Traditional	Modern	Traditional	Modern	Traditional	Modern	Traditional
1.East	8.5	10.4	8.5	10.4	26.3	7.9	26.3	7.9
2.West	10.3	4.2	10.3	4.2	26.3	7.5	26.3	7.5
3.North	9.8	6.1	9.8	6.1	33.3	10.6	33.3	10.6
4.South	8.4	6.5	8.4	6.5	22.9	10.5	22.9	10.5
5.Kigali City	23.2	12.3	23.2	12.3	34.5	7.3	34.5	7.3
<b>Rwanda</b>	<b>10.3</b>	<b>7.1</b>	<b>10.3</b>	<b>7.1</b>	<b>27.4</b>	<b>8.9</b>	<b>27.4</b>	<b>8.9</b>
<b>Total number of FP users in Public Health Facility (PHF)*</b>	<b>9,661</b>		<b>161,231</b>		<b>275,824</b>		<b>480,100</b>	

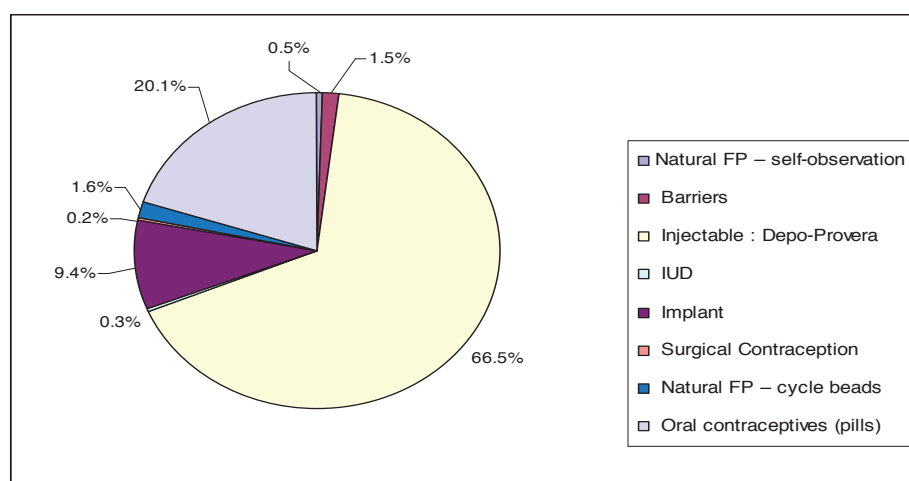
Source: NISR, DHS 2005&amp; IDHS 2007/2008; \*MoH, Annual report 2008

**Table 2.4.4: Utilization of FP modern methods in 2008**

Family planning methods	Continuing users at the end of Dec 2008	New users	Units distributed	CYP
Natural FP – self-observation	1,496	1,451	0	2,902
Barriers	4,271	18,849	363,790	3,032
Injectable : Depo-Provera	190,391	148,967	721,386	180,347
IUD	804	370	2,097	7,340
Implant	26,796	17,930	50,365	176,278
Surgical Contraception	519	230	0	1,840
Natural FP – cycle beads	4,490	2,865	9,285	18,570
Oral contraceptives (pills)	57,558	49,643	724,007	48,267
<b>Grand Total</b>	<b>286,325</b>	<b>240,305</b>	<b>-</b>	<b>348,574</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet



**Figure 2: Distribution of Contraceptive users by method (end 2008)**

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.4.5: Trend of contraceptive distribution by Year and by product (Public sector 2005-2008)**

Year		2005	2006	2007	2008
Products	Lo-Fem	8,974	14,349	18,266	21,994
	Microg	10,443	15,941	23,243	30,221
	Ovrette	4,772	6,344	8,448	10,334
	Depo-P	56,367	96,416	153,793	207,574
	Cond. M	5,381	6,743	13,744	20,256
	Cond. F	14	49	35	52
	IUD	3,343	4,549	6,694	8,81
	Norpl	6,616	8,187	2,282	-
	Jadelle	604	7,642	43,729	80,906
	<b>Total</b>	<b>96,514</b>	<b>160,221</b>	<b>270,233</b>	<b>380,147</b>

Source: MoH, Annual report 2008

**Table 2.4.6: Contraceptive use at the time of DHS 2005, 2008 among Married women**

<b>Short-Term Methods</b>	<b>2005</b>	<b>2008</b>
Pills	2.4	6.4
Standard Days/Cycle Beads	0.5	0.3
Spermicidal	0.0	0.0
Male Condom	0.9	1.9
Female Condom	0.0	0.0
Lactational Amenorrhea	0.8	0.0
Diaphragm	0.0	0.0
Emergency Contraception	0.0	0.0
<b>Longer-Term Methods</b>		
Injectables	4.7	15.2
Implants	0.2	1.6
IUD	0.3	0.2
<b>Permanent Methods</b>		
Female Sterilization	0.5	0.7
Male Sterilization	0.0	0.1
<b>Total Modern Method Use</b>	<b>10.3</b>	<b>27.0</b>
Withdrawal	3.0	3.0
Periodic Abstinence	4.2	6.0
<b>Total Traditional Method Use</b>	<b>7.1</b>	<b>8.9</b>

Source: NISR; DHS 2005 &amp; IDHS 2007/2008

## 2.5. Malaria

**Table 2.5.1: Percentage of under- five children using insecticide treated long lasting mosquito-nets**

	2005	2006	2007	2008
<b>Age in months</b>				
<12	16.2	16.2	62.1	62.1
12-23	15.9	15.9	61.9	61.9
24-35	11.9	11.9	55.2	55.2
36-47	11.2	11.2	51.6	51.6
48-59	8.5	8.5	47.0	47.0
<b>Sex</b>				
Male	12.6	12.6	56.8	56.8
Female	13.5	13.5	54.7	54.7
<b>Residence</b>				
Urban	25.7	25.7	61.6	61.6
Rural	10.9	10.9	54.7	54.7
<b>Quintile of Economic wealth</b>				
Poor	4.5	4.5	44.6	44.6
Second	10.5	10.5	53.0	53.0
Middle	8.1	8.1	57.0	57.0
Fourth	13.5	13.5	61.6	61.6
Rich	31.0	31.0	61.8	61.8
<b>Province</b>				
1.East	11.6	11.6	55.1	55.1
2.West	12.5	12.5	57.1	57.1
3.North	7.5	7.5	52.1	52.1
4.South	16.1	16.1	56.0	56.0
5.Kigali City	24.0	24.0	61.0	61.0
<b>Rwanda</b>	<b>13.0</b>	<b>13.0</b>	<b>55.7</b>	<b>55.7</b>

Source: NISR, DHS 2005, IDHS 2007/2008

**Table 2.5.2: Percentage of women using Insecticide Treated Long lasting mosquito-nets**

<b>Women 15-49</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Residence</b>				
Urban	21.6	21.6	49.5	49.5
Rural	8.3	8.3	44.3	44.3
<b>Quintile of Economic wealth</b>				
Poor	3.1	3.1	34.4	34.4
Second	7.5	7.5	42.5	42.5
Middle	6.4	6.4	46.2	46.2
Fourth	10.8	10.8	51.4	51.4
Rich	24.9	24.9	50.0	50.0
<b>Instruction</b>				
None	8.3	8.3	46.5	46.5
Primary	10.5	10.5	44.4	44.4
Secondary or +	17.5	17.5	47.4	47.4
<b>Province</b>				
1.East	9.3	9.3	48.5	48.5
2.West	9.6	9.6	43.8	43.8
3.North	5.9	5.9	41.5	41.5
4.South	11.6	11.6	44.2	44.2
5.Kigali City	21.1	21.1	49.8	49.8
<b>Rwanda</b>	<b>10.5</b>	<b>10.5</b>	<b>45.2</b>	<b>45.2</b>
<b>Pregnant women</b>				
<b>Residence</b>				
Urban	28.6	28.6	63.1	63.1
Rural	15.5	15.5	59.9	59.9
<b>Quintile of Economic wealth</b>				
Poor	7.6	7.6	47.4	47.4
Second	16.8	16.8	62.3	62.3
Middle	12.1	12.1	60.6	60.6
Fourth	18.7	18.7	63.1	63.1
Rich	36.3	36.3	63.5	63.5
<b>Province</b>				
1.East	18.4	18.4	64.9	64.9
2.West	16.4	16.4	63.6	63.6
3.North	11.7	11.7	59.2	59.2
4.South	19.1	19.1	53.3	53.3
5.Kigali City	22.5	22.5	61.8	61.8
<b>Rwanda</b>	<b>17.2</b>	<b>17.2</b>	<b>60.3</b>	<b>60.3</b>

Source: NISR, DHS 2005&amp;IDHS 2007/2008

**Table 2.5.3: Proportion of population in malaria-risk areas using insecticide treated long lasting mosquito-nets (utilisation of LLITNs)**

Year	2005	2006	2007
Household with at least 2	-	-	25%
Pregnant woman Sleeping in ITNS	17%	-	60.3%
Children under 5 Sleeping in ITNS	13%	-	60%
Household with at least 1	14%		54%
Rwanda	13%		60%
Pregnant woman with ITNS*	21%	-	74%
Pregnant woman with 2 doses IPT*	43%	63%	-
Children under 5 with ITNS/nets*	20%	95%	70%
Severe malaria treated correctly*	44%	68%	-

Source: \*MoH Annual reports 2006- 2007, DHS 2005, IDHS 2007/2008

**Table 2.5.4: Malaria prevalence and positive tested among children**

Year	2007	2008
<b>Residence</b>		
Rural	2.7	2.7
Urban	1.9	1.9
<b>Province</b>		
1. East	5.3	5.3
2. West	0.6	0.6
3. North	1.2	1.2
4. South	3.0	3.0
5. Kigali City	1.9	1.9
<b>Rwanda</b>	<b>2.6</b>	<b>2.6</b>

Source: NISR, IDHS 2007/2008

**Table 2.5.5: Malaria prevalence among women**

Year	2007	2008
<b>Residence</b>		
Rural	1.1	1.1
Urban	1.5	1.5
<b>Province</b>		
1. East	2.9	2.9
2. West	0.5	0.5
3. North	1.3	1.3
4. South	1.0	1.0
5. Kigali City	1.2	1.2
<b>Rwanda</b>	<b>1.4</b>	<b>1.4</b>

Source: NISR, IDHS 2007/2008

**Table 2.5.6: Prevalence and death rates associated with severe malaria (Health Facility)**

Province	2005	2006	2007	2008
< 5 Mortality rate	50.1	37.1	22.3	-
>5 mortality rate	41.0	34.8	22.3	-
Malaria fatality rate<5	4.2	2.0	0.3	-
Malaria case fatality rate	5.2	2.9	0.6	-
<b>(Malaria Morbidity)</b>	<b>37.9</b>	<b>28.4</b>	<b>15.0</b>	<b>11.0</b>

Source: MoH Annual report 2008

**Table 2.5.7: Malaria proportional Morbidity 2005-2008**

Year	2005	2006	2007	2008
Under 5 Malaria cases	499,697	449,107	416,285	376,818
Under 5 All cases	1,263,330	1,298,004	1,599,352	1,657,389
Above 5 Malaria cases	1,112,331	937,792	500,578	395,379
Above 5 All cases	3,298,751	3,476,834	4,508,261	4,906,540
Under 5 Malaria proportional Morbidity	39.6%	34.6%	26.0%	22.7%
Above 5 proportional Morbidity	33.7%	27.0%	11.1%	8.1%

Source: PNLP

**Table 2.5.8: Malaria proportional Mortality 2005-2008**

Year	2005	2006	2007	2008
Under 5 Death due to Malaria	1,012	777	321	197
Under 5 All Deaths	1,626	1,794	1,002	1,138
Above 5 Death due to Malaria	907	970	885	369
Above 5 All Deaths	2,941	3,497	3,136	2,328
Under 5 Malaria proportional Mortality	62.2%	43.3%	32.0%	17.3%
Above 5 Malaria proportional Mortality	30.8%	27.7%	28.2%	15.9%

Source: PNLP

## 2.6. Tuberculosis

**Table 2.6.1: Prevalence of tuberculosis**

Indicators	2005	2006	2007	2008
Suspect cases examined	28,638	45,073	67,350	68,228
Number of cases	7,720	8,265	8,014	7,841
NTPM +	4,159	4,158	4,053	4,173
Relapse	355	392	333	345
Therapeutic success	76%	84%	86%	86.2%
Failure rate	1.5%	2%	2.4%	3%
Number of TB cases tested VIH	2,947	6,300	7,132	7,510
% of TB cases tested VIH	48%	76%	89%	96%
TB/VIH +	48%	40%	37.5%	34.1%
TB- MR	36	50	88	80
<b>Death rates associated with tuberculosis</b>	<b>6%</b>	<b>6%</b>	<b>4.8%</b>	<b>5%</b>

Source : Trac plus/ TB Unit

NTPM +: Nouveau cas de tuberculose pulmonaire à microscopie positive, TB- MR= Tuberculose multi résistante

**Table 2.6.2: Community Health Workers (CHWs) participation in community DOTS**

Year	2007	2008	
Number of Districts	15	21	
Population covered	4,471,340	6,321,501	
Suspected cases	Total	31,271	44,625
	Detected by HW	1,991	5,136
Number of positive suspects	Total	1,763	2,466
	Detected by HW	197	337
% of suspected cases detected by CHW	6.4%	11.5%	
% of suspected positive detected by CHW	11.2%	13.7%	

Source: MoH, 2009 Rwanda Health Statistical Booklet

## 2.7. Nutrition

**Table 2.7.1: Percentage of children under-five years old who receive vitamin A by year**

Province	2005	2006	2007	2008
1.East	84.2	84.2	74.3	74.3
2.West	75.7	75.7	73.7	73.7
3.North	90.4	90.4	73.0	73.0
4.South	89.2	89.2	67.6	67.6
5.Kigali City	79.9	79.9	72.3	72.3
<b>Rwanda</b>	<b>84.1</b>	<b>84.1</b>	<b>72.0</b>	<b>72.0</b>

Source: NISR, DHS 2005&IDHS 2007/2008

**Table 2.7.2: Underweight and malnutrition status among under-five children in 2005**

Underweight & Malnutrition	Rural	Urban	Total
Under-five children underweight	-	-	23%
Severe malnutrition	20%	14%	19%
Chronic malnutrition	47%	33%	45%
under five years old stunted	-	-	45%
Prevalence of wasting	-	-	<b>4.0%</b>

Source: NISR, DHS 2005&IDHS 2007/2008

**Table 2.7.3: Prevalence of anemia among children**

Anemia among Children	2005	2006	2007	2008
<b>Province</b>				
1. East	59.6	59.6	50.9	50.9
2. West	59.3	59.3	46.4	46.4
3.North	56.2	56.2	51.1	51.1
4. South	47.2	47.2	40.7	40.7
5. Kigali City	69.6	69.6	56.0	56.0
<b>Rwanda</b>	<b>56.3%</b>	<b>56.3%</b>	<b>47.5%</b>	<b>47.5%</b>

Source: NISR, DHS 2005&IDHS 2007/2008

**Table 2.7.4: Prevalence of anemia among mother**

Anemia among mothers	2005	2006	2007	2008
<b>Province</b>				
1. East	41.6	41.6	31.8	31.8
2. West	26.2	26.2	24.8	24.8
3. North	31.6	31.6	30.1	30.1
4. South	28.0	28.0	18.8	18.8
5. Kigali City	45.9	45.9	40.3	40.3
<b>Rwanda</b>	<b>32.8%</b>	<b>32.8%</b>	<b>27.1%</b>	<b>27.1%</b>

Source: NISR, DHS 2005&IDHS 2007/2008



**Table 2.7.5: Nutrition status of children monitored in health centers in 2008**

Age	Nutrition status				
	Green	Yellow	Red	Oedema	Rate of Malnutrition
0-11 months	75,347	5,619	675	9	7.7%
12-23 months	49,465	5,225	1,184	42	11.5%
24-35 months	39,301	4,733	1,098	49	12.9%
36-59 months	30,420	4,902	1,226	26	16.8%
<b>Total</b>	<b>194,533</b>	<b>20,479</b>	<b>4,183</b>	<b>126</b>	<b>11.3%</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.7.6: Hospitalization for childhood malnutrition and health outcomes in 2008**

Level of care	Registrations		Status			
	New cases	Old cases	Recovered	Referred to hospital	Abandoned	Died
Health Centers	1,695	937	1,450	138	51	40
Hospital*	1,503	-	-	-	84	77
<b>Grand Total</b>	<b>3,944</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>153</b>	<b>129</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

Note: \* District Hospitals do not report information on referrals, recovered or old cases

**Table 2.7.7: Outpatient treatment of malnutrition and health outcomes in 2008**

Age group	Registrations		Status			
	New cases	Old cases	Recovered	Referred to hospital	Abandoned	Died
< 5 years	20,780	43,096	16,680	733	3,538	181
>= 5 years	6,916	10,071	6,742	139	777	70
<b>Grand Total</b>	<b>27,696</b>	<b>53,167</b>	<b>23,422</b>	<b>872</b>	<b>4,315</b>	<b>251</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

## 2.8. Health Services, Hospitalization and Mortality

**Table 2.8.1: Sexual violence by age and gender reported by district hospitals in 2008**

Type of case	< 5 years		5-18 years		> 18 years	
	Female	Male	Female	Male	Female	Male
Number of cases received at hospital suspected of being victims of sexual violence	319	99	1,031	93	390	35
Number of cases with objective symptoms of sexual violence	111	58	389	32	28	28

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.2: Utilization rate of curative services**

Year	2005	2006	2007	2008
Targeted Population	9,042,674	9,341,133	9,079,679	9,140,735
External New case in consultation	NC in CS	4,038,698	5,437,461	6,187,252
	NC in HD	195,906	230,651	341,037
	Total	4,234,604	5,668,112	6,528,289
<b>% of utilization</b>	<b>46.8</b>	<b>60.7</b>	<b>71.9</b>	<b>86.0</b>

Source: MoH, Annual report 2008; MUSA, Annual report 2008

**Table 2.8.3: Number of outpatient visits in Health Centers and District Hospitals by age group (2008)**

Health Facility type	Children <5	Age 5 and above	Total
Health Centers	4,904,187	1,656,604	6,560,791
District hospital	280,263	47,489	327,752
<b>Total</b>	<b>5,184,450</b>	<b>1,704,093</b>	<b>6,888,543</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.4: Top 10 causes of outpatient visits in District Hospitals (2008)**

Disease group	Children <5	Age 5 and above	Total	% of total
Diseases of teeth and gums	50,437	2,468	52,905	16.0
Eye diseases	32,989	3,299	36,288	11.0
Acute Respiratory Disease	19,443	11,428	30,871	9.0
Malaria	12,101	7,953	20,054	6.0
Physical trauma	17,408	1,888	19,296	6.0
Gastro-duodenal disease	17,081	-	17,081	5.0
Cardiopathy	10,797	1,567	12,364	4.0
Intestinal parasites	7,538	2,196	9,734	3.0
Skin disease	8,123	1,598	9,721	3.0
Urinary infections	9,147	326	9,473	3.0
All other reported diseases	95,199	14,766	109,965	34.0
<b>Total</b>	<b>280,263</b>	<b>47,489</b>	<b>327,752</b>	<b>100.0</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.5: Utilization of Health Services by Districts, 2006-2008**

Province	Districts	2006	2007	2008
<b>1. East</b>				
	Bugesera	0.47	0.74	1.01
	Gatsibo	0.49	0.69	0.73
	Kayonza	0.49	0.75	0.80
	Kirehe			
	Ngoma	0.34	0.72	0.63
	Nyagatare	-	-	-
	Rwamagana	0.46	0.66	0.73
<b>2. West</b>				
	Karongi	-	-	-
	Ngororero	0.33	0.44	0.58
	Nyabihu	-	-	-
	Nyamasheke	0.98	0.86	0.99
	Rubavu	0.42	0.46	0.54
	Rusizi	0.79	0.84	0.89
	Rutsiro	0.51	0.47	0.59
<b>3. North</b>				
	Burera	0.65	0.66	0.68
	Gakenke	0.73	0.54	0.76
	Gicumbi	0.6	0.58	0.61
	Musanze	-	-	-
	Rulindo	0.55	0.67	0.86
<b>4. South</b>				
	Gisagara	0.54	0.71	0.85
	Huye	0.72	0.84	0.98
	Kamonyi	-	-	-
	Muhanga	0.58	0.67	0.84
	Nyamagabe	-	-	-
	Nyanza	0.46	0.6	0.62
	Nyaruguru	0.58	0.56	0.61
	Ruhango	0.48	0.61	0.54
<b>5. Kigali City</b>				
	Gasabo	0.36	0.53	0.63
	Kicukiro	0.44	0.65	0.57
	Nyarugenge	0.59	0.79	0.86
<b>Rwanda</b>		<b>0.56</b>	<b>0.65</b>	<b>0.74</b>

Source: MOH Annual report 2008

**Table 2.8.6: Top 10 causes of morbidity in Health centers (2008)**

Disease group	Children <5	Age 5 and above	Total	% of total
Acute Respiratory Infections	1,484,228	727,490	2,211,718	34.0
Malaria	415,750	396,000	811,750	12.0
Intestinal parasites	542,437	152,349	694,786	11.0
Disease of bones and joints	399,761	1,050	400,811	6.0
Gastro-intestinal disease	386,504	1,727	388,231	6.0
Skin disease	257,063	84,486	341,549	5.0
Physical trauma	270,628	22,957	293,585	4.0
Diarrhea	134,790	149,594	284,384	4.0
Disease of teeth and gums	217,436	30,195	247,631	4.0
Eye disease	104,769	43,135	147,904	2.0
All other reported diseases	690,821	47,621	738,442	11.0
<b>Total</b>	<b>4,904,187</b>	<b>1,656,604</b>	<b>6,560,791</b>	<b>100.0</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.7: Number of admissions and deaths in health centers and district hospitals (2008)**

Facility type	Children Under 5 years			5 years and above		
	Admissions	Deaths	Percentage	Admissions	Deaths	Percentage
Health Centers	49,526	212	4.3	153,995	417	0.3
District Hospitals	23,898	1,135	4.7	86,376	2,318	2.7
<b>Total</b>	<b>73,424</b>	<b>1,347</b>	<b>1.8</b>	<b>240,371</b>	<b>2,792</b>	<b>1.2</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.8: Number of admissions and deaths in health centers and district hospitals (2008)**

Gender	Cases admitted				Deaths			
	< 5 years	5 years +	Total	% of total	< 5 years	5 years +	Total	% of total
Females	34,329	181,875	216,204	69%	603	1,324	1,927	47%
Males	39,095	58,496	97,591	31%	744	1,468	2,212	53%
<b>Total</b>	<b>73,424</b>	<b>240,371</b>	<b>313,795</b>	<b>100%</b>	<b>1,347</b>	<b>2,792</b>	<b>4,139</b>	<b>100%</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.9: Top ten causes of deaths in districts hospitals (2008)**

Cause of death	<5 years cases	< 5 years deaths	>= 5 years cases	>= 5 years deaths	Total cases	Total deaths	% of total
Malaria	6,646	197	6,316	366	12,962	563	16%
Acute respiratory disease	5,611	193	4,097	206	9,708	399	12%
VIH/Aids and Opportunistic Infections	241	22	1,543	258	1,784	280	8%
Premature birth	138	17	1,512	243	1,650	260	8%
Cardiopathies	1,113	246	-	-	1,113	246	7%
Diarrhea	61	3	2,108	202	2,169	205	6%
TB	4,305	102	1,517	44	5,822	146	4%
Malnutrition	65	3	1,583	118	1,648	121	4%
Gastro-intestinal diseases	1,503	77	584	38	2,087	115	3%
Physical trauma	238	7	5,463	84	5,701	91	3%
Other causes of hospitalization	3,977	268	61,653	759	65,630	1,027	30%
<b>Total</b>	<b>23,898</b>	<b>1,135</b>	<b>86,376</b>	<b>2,318</b>	<b>110,274</b>	<b>3,453</b>	<b>100%</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.10: Top ten causes of deaths in health centers (2008)**

Disease group	<5 years cases	< 5 years deaths	>= 5 years cases	>= 5 years deaths	Total cases	Total deaths	% of total
Acute respiratory disease	17,860	88	20,688	78	38,548	166	24%
Diarrhea	12,784	36	11,411	55	24,195	91	13%
Malaria	11,778	23	12,817	38	24,595	61	9%
VIH/Aids and Opportunistic Infections	85	3	1,208	50	1,293	53	8%
Physical trauma	682	2	13,515	41	14,197	43	6%
Gynaeco-obstetrical disease	37	7	12,371	16	12,408	23	3%
Complication of delivery	-	-	56,231	17	56,231	17	2%
Malnutrition	566	7	339	7	905	14	2%
TB	35	1	655	12	690	13	2%
Disease of bones and joints	17	0	2,786	12	2,803	12	2%
All other diseases	5,682	45	21,974	148	27,656	193	28%
<b>Total</b>	<b>49,526</b>	<b>212</b>	<b>153,995</b>	<b>474</b>	<b>203,521</b>	<b>686</b>	<b>100</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.11: Top 10 causes of mortality in Health centers and DH (HIV/AIDS not included) in 2008**

Disease group	Children <5	Age 5 and above	Total	% of total
Acute Respiratory Infections	724,894	1,472,400	2,197,294	32.5
Malaria	400,052	423,413	823,465	12.2
Intestinal parasites	149,351	531,430	680,781	10.1
Gastro-duodenal disease	1,697	395,645	397,342	5.9
Osteo-articular disease	1,031	394,243	395,274	5.8
Skin disease	85,217	260,870	346,087	5.1
Physical trauma	23,590	275,774	299,364	4.4
Disease of teeth and gums	31,831	261,041	292,872	4.3
Diarrhea	150,974	135,156	286,130	4.2
Eye disease	45,681	134,056	179,737	2.7
Other morbidity	62,558	796,261	858,819	12.7
<b>Total</b>	<b>1,676,876</b>	<b>5,080,289</b>	<b>6,757,165</b>	<b>100.0</b>

Source: MoH, Annual report 2008

**Table 2.8.12: Number of consultations in HC and DH 2008**

Health Facility type	Children <5	Age 5 and above	Total
Health Centers	1,957,378	5,243,754	7,201,132
District hospital	240,498	420,535	661,033
<b>Total</b>	<b>1,676,876</b>	<b>5,080,289</b>	<b>7,862,165</b>

Source: MoH, Annual report 2008

**Table 2.8.13: Type of Lab tests conducted at different health facilities in 2008**

Type of lab Exam	Health Centers	District Hospitals	Total
Thick Blood Smears	1,647,116	88,008	1,735,124
Stools	783,615	41,693	825,308
Urine	254,644	93,341	347,985
Sputum	68,240	36,670	104,910
Blood	1,653,882	652,040	2,305,922
Other	125,218	140,207	265,425
<b>Total</b>	<b>4,538,715</b>	<b>1,051,959</b>	<b>5,584,674</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.14: Type of surgery performed in 2008**

Type of surgery	Planned Interventions	Urgent Interventions	Total Interventions
Major surgery	6,419	16,544	22,963
Minor surgery	12,289	8,345	20,634
<b>Total surgical Interventions</b>	<b>18,708</b>	<b>24,889</b>	<b>43,597</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.15: Selected surgical interventions in 2008**

Selected surgical interventions	Planned intervention	Urgent Interventions	Total	Post-operative Infections
<b>General Surgery:</b>				
Appendectomy	54	56	110	9
Hernia	1,185	78	1,263	10
Laparotomy	187	313	500	8
Thyroidectomy	12	2	14	4
Cataract	325	2	327	4
Adenomectomy(prostate)	15	2	17	4
Trachoma	10	2	12	4
Glaucoma	7	2	9	4
<b>Gyneco- obstetrical surgery</b>				
Caesarean section	1,376	14,058	15,434	105
Hysterectomy	236	132	368	4
Extra-uterine pregnancy	19	83	102	4
Other Laparotomies (G-O)	283	269	552	7
Myomectomy	132	12	144	4
Curettage	91	1,008	1,099	4
<b>Orthopedic Surgery</b>				
Amputations	103	24	127	6
Osteosynthesis	202	39	241	4

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.16: Medical imagery and other diagnostic testing procedures in 2008**

Type of medical Imagery	Number of cases
Total Radiology Exams	55,213
Lungs	25,441
Bones	26,138
Abdomen without preparation	1,406
Abdomen with dyes	107
Other Radiology	2,121
Gastroscopy	287
Echography	12,645
ECG	770

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.17: Top 10 drug stockouts in health centers in 2008**

Tracer Drug	Number of reports with stockouts	% reports with stockouts	Average day stockout
Coartem drug 25-35 Kg	157	5.4%	4.8
Coartem drug tabs 5-15 Kg	147	5.0%	0.7
Coartem drug tabs 15-25 Kg	134	4.6%	0.7
Coartem drug >35 Kg	118	4.0%	0.6
Arthemeter vial 20 mg/ml	90	3.1%	0.7
Arthemeter vial 80 mg/ml	82	2.8%	0.6
Amoxycillin gelcap ou tablet 250mg	88	3.0%	0.5
Mebendazol susp.oral 100mg/5ml	79	2.7%	10.8
Metronidazol susp.oral 250mg/5mlfl	71	2.4%	1.8
Quinine Syrup 100mg/5ml	63	2.2%	0.5

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.18: Top 10 drug stock outs in District Hospitals in 2008**

Tracer Drug	Number of reports with stock outs	% reports with stock outs	Average day stock out
Glucose hypertonic solution (10% or 50%)	11	6.1%	1.2
Cloxacillin gelcap 250mg	10	5.5%	1.2
Phenobarbital inj.100mg/ml	8	4.4%	1.8
Diazepan inj.5mg/ml	8	4.4%	2.1
Quinine tab 300mg	7	3.9%	0.6
Benzylpenicillin inj.5MUI	6	3.3%	0.8
Digoxine tab 250µg	6	3.3%	0.4
Quinine inj.100mg/ml	6	3.3%	0.4
Ringer Lactate 500ml	5	2.8%	0.7
NaCl 500ml	5	2.8%	0.2

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.19: Top 10 drugs consumed by District Hospitals in 2008**

Tracer Drug	Quantity consumed
Amoxycillin gelcap or cap 250mg	1,734,273
Cloxacillin gelcap 250mg	293,069
Ampicillin inj.500 mg	193,318
Methyldopa tab 250 mg	133,053
Ciprofloxacin tab 250 mg	116,054
Quinine tab 300 mg	95,383
Carbamazepine tab 200 mg	84,197
Diazepan tab 5 mg	81,891
Gentamicine inj.40 mg/ml	81,195
RH( R150+H75)	77,852

Source: MoH, 2009 Rwanda Health Statistical Booklet



**Table 2.8.20: Top 10 drugs consumed by health centers in 2008**

<b>Tracer Drug</b>	<b>Quantity consumed</b>
Amoxicillin gelcap or cap 250mg	13,174,805
Metronidazol tab 250 mg; 500mg	8,941,511
Bactrim tab 480 mg	7,883,446
Mebendazol tab 100 mg	3,301,215
Ciprofloxacin tab 250 mg	1,012,502
Quinine tab 300 mg	735,396
Amoxicillin oral susp.125 mg/ 5ml	317,753
RH(R150+H75)	217,771
Coartem tab 5-15 kg	207,171
Mtronidazole oral susp. 250mg/5mlfl	203,663

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.8.21: Percentage of population covered by health insurance (MUSA) / District**

<b>Province</b>	<b>District</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
1.East	Bugesera	-	62	86	97
	Gatsibo	-	97	96	98
	Kayonza	-	74	92	97
	Kirehe	-	70	71	78
	Ngoma	-	44	65	75
	Nyagatare	-	85	81	83
	Rwamagana	-	72	85	87
2.West	Karongi	-	75	74	80
	Ngororero	-	71	62	95
	Nyabihu	-	76	75	75
	Nyamasheke	-	94	91	96
	Rubavu	-	79	52	80
	Rusizi	-	80	78	85
	Rutsiro	-	93	75	86
3.North	Burera	-	75	82	94
	Gakenke	-	80	65	86
	Gicumbi	-	85	85	87
	Musanze	-	50	65	75
	Rulindo	-	91	95	100
4.South	Gisagara	-	71	63	75
	Huye	-	60	58	79
	Kamonyi	-	65	68	92
	Muhanga	-	79	67	86
	Nyamagabe	-	67	70	84
	Nyanza	-	76	65	73
	Nyaruguru	-	71	78	85
	Ruhango	-	73	61	79
	Gasabo	-	57	81	69
5.Kigali City	Kicukiro	-	62	77	82
	Nyarugenge	-	68	81	79
<b>MUSA (enrollment rate)</b>	-	<b>44.1%</b>	<b>73%</b>	<b>75%</b>	<b>85%</b>
<b>RAMA+ MMI, MEDIPLAN, private Insurance</b>	-	-	-	-	<b>6%</b>
<b>Number of sections in MUSA</b>	-	<b>354</b>	<b>392</b>	<b>403</b>	<b>403</b>

Source: MoH, Annual report 2008&amp;; MUSA, Annual report 2008

**Table 2.8.22: Number of population covered by health insurance /Type of Insurance**

Types of insurance	Number of assured persons			Total number of beneficiaries*				
	2005	2006	2007	2008	2005	2006	2007	2008
RAMA affiliates	58,079	63,762	69,483	79,777	183,530	201,488	216,787	240,690
RAMA dependants	125,451	137,726	147,304	160,913	-	-	-	-
MMI (Military Medical Insurance)	-	-	-	-	-	548,72	54,197	52,854
MEDIPLAN	-	895	2,183	3,745	-	2,960	7,723	12,623
MEDIPLAN dependants	-	2,065	5,540	8,878	-	-	-	-
Mutuuelle de Santé (MUSA)	3,972,568	6,780,711	7,167,164	8,358,689	3,972,568	6780,711	7,167,164	8,358,689
CORAR	-	-	-	-	-	-	2,509	1,136

Source: MUSA, Annual report 2008; RAMA; SORAS, \*Affiliates+ Dependants

**Table 2.8.23: Number and percentage of affiliates and beneficiaries by type of Insurance Company**

	2005		2006		2007		2008	
	Number	%	Number	%	Number	%	Number	%
<b>1. MUSA</b>								
Target population	9,028,563		9,288,645		9,556,219		9,833,752	
Total beneficiaries	3,972,568		6,780,711		7,167,164		8,358,689	
Enrollment rate		44%		73%		75%		85%
Number of sections		382		392		403		405
<b>2.MEDIPLAN</b>								
	Number	%	Number	%	Number	%	Number	%
Total beneficiaries	-	-	2,960	100.0	7,723	100.0	12,623	100.0
Male	-	-	1,214	41.0	3,321	43.0	5,554	44.0
Female	-	-	1,746	59.0	4,402	57.0	7,069	56.0
<b>3.RAMA</b>								
	Number	%	Number	%	Number	%	Number	%
Affiliates	-	-	63,762	100.00	69,483	100.00	79,777	100.00
Male	-	-	39,016	61.19	43,135	62.08	48,504	60.80
Female	-	-	24,746	38.81	26,348	37.92	31,273	39.20
Number of insurances		46		69		106		131
<b>4. MMI</b>								
	Number	%	Number	%	Number	%	Number	%
Number of members and their dependents	-	-	54,872	54.872	54,197	54.197	52,854	52.854

Source: MUSA, MEDIPLAN, RAMA, MINADEF

**Table 2.8.24: RAMA Affiliates by Districts**

Districts	2007	2008		
	Affiliates	Affiliates	Beneficiaries	Total
Bugesera	1,647	1,887	3,483	5,370
Burera	1,382	1,597	3,920	5,517
Gakenke	1,563	1,724	3,886	5,610
Gasabo	12,743	14,685	23,510	38,195
Gatsibo	1,424	1,735	3,098	4,833
Gicumbi	1,932	2,268	5,317	7,585
Gisagara	1,265	1,511	2,286	3,797
Huye	3,016	3,010	5,999	9,009
Kamonyi	1,424	1,538	2,786	4,324
Karongi	1,417	2,008	3,491	5,499
Kayonza	1,397	1,703	2,663	4,366
Kicukiro	3,363	3,669	8,536	12,205
Kirehe	1,167	1,265	1,874	3,139
Muhanga	2,091	2,293	5,233	7,526
Musanze	2,62	2,703	7,755	10,458
Ngoma	1,8	1,971	3,948	5,919
Ngororero	1,383	1,575	3,492	5,067
Nyabihu	1,64	1,800	5,169	6,969
Nyagatare	1,737	2,075	3,644	5,719
Nyamagabe	1,89	1,943	4,085	6,028
Nyamasheke	1,751	1,970	3,948	5,918
Nyanza	1,522	1,877	3,301	5,178
Nyarugenge	9,22	9,980	22,726	32,706
Nyaruguru	1,021	1,336	1,849	3,185
Rubavu	2,071	2,369	7,019	9,388
Ruhango	1,487	1,603	3,135	4,738
Rulindo	1,515	1,617	3,038	4,655
Rusizi	1,021	2,324	4,894	7,218
Rutsiro	1,091	1,352	2,807	4,159
Rwamagana	1,883	2,389	4,021	6,410
<b>Total</b>	<b>69,483</b>	<b>79,777</b>	<b>160,913</b>	<b>240,690</b>

Source: RAMA

**Table 2.8.25: Percentage of population having water and hygienic sanitation in 2005/2006**

Area	Safe water source	Hygienic sanitation
Rural	61.6%	55.3
Other Urban	73.7%	65.9
Kigali City	81.6%	86.3
<b>Rwanda</b>	<b>64.2%</b>	<b>58.5</b>

Source: NISR/EICV 2005-2006

Note: - Safe' sources are : A public water fountain or standpipe, a protected spring, purchased tap water or water supplied by a public utility (RECO & RWASCO).

- Hygienic sanitation includes enclosed pit latrines and flush toilets.

## 2.9. Health personnel, health facilities, health facility equipment, utility and communication

**Table 2.9.1: Ratio of health workers to population in 2008**

Staff category	Number	Ratio to population
Doctors	571	15,780
Midwives	35	260,590
Nurses	6,318	1,444
Pharmacists	49	186,136
Lab technicians	862	10,581

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.9.2: Number of staff working in health sector by category in 2008**

Staff category	Number	% of total
Rwandan Doctors	384	3.4
Foreign Doctors	187	1.7
Nurses	6,543	58.6
Midwives	35	0.3
Paramedical	746	6.7
Pharmacist	39	0.3
Laboratory technician	804	7.2
Administrative staff	1,293	11.6
Support staff	945	8.5
Other	194	1.7
<b>Grand total</b>	<b>11,170</b>	<b>100.0</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.9.3: Ratio Doctor, Nurse to population by District in 2008**

Province	District	Coverage of Doctors	Coverage of Nurses
<b>1. East</b>			
	Bugesera	29,627	2,279
	Gatsibo	50,632	1,836
	Kayonza	17,134	1,142
	Kirehe	35,234	2,451
	Ngoma	46,416	1,414
	Nyagatare	54,994	1,594
	Rwamagana	25,759	1,515
<b>2. West</b>			
	Karongi	29,397	948
	Ngororero	44,710	2,158
	Nyabihu	99,251	1,474
	Nyamasheke	49,704	1,247
	Rubavu	43,960	1,901
	Rusizi	44,787	1,651
	Rutsiro	49,439	1,685
<b>3. North</b>			
	Burera	53,909	2,673
	Gakenke	25,684	1,605
	Gicumbi	45,272	2,156
	Musanze	23,891	1,487
	Rulindo	38,098	1,891
<b>4. South</b>			
	Gisagara	40,157	4,932
	Huye	8,332	784
	Kamonyi	72,325	2,296
	Muhanga	25,063	1,148
	Nyamagabe	34,708	1,698
	Nyanza	33,096	2,085
	Nyaruguru	86,444	2,379
	Ruhango	70,603	1,441
<b>5. Kigali City</b>			
	Gasabo	7,463	886
	Kicukiro	5,097	720
	Nyarugenge	3,532	361

Source: MoH, 2009 Rwanda Health Statistical Booklet

Table 2.9.4: Number of health facilities by District in 2008

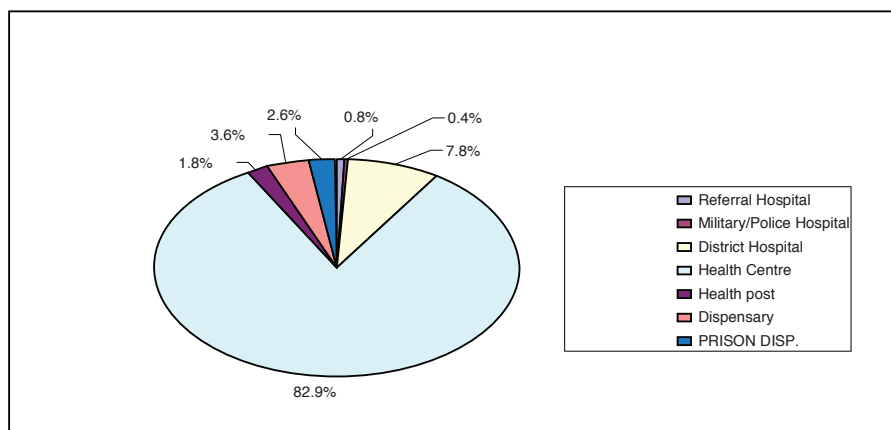
Province/District		Referral Hospital	Military /Police Hospital	District Hospital	Health Centre	Health posts	Dispensary	Prison dispensary	Grand Total
<b>1. East</b>		-	-	<b>9</b>	<b>96</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>112</b>
	Bugesera	-	-	1	11	-	-	1	13
	Gatsibo	-	-	2	18	-	-	-	20
	Kayonza	-	-	2	14	2	-	-	18
	Kirehe	-	-	1	11	-	2	-	14
	Ngoma	-	-	1	12	-	-	-	13
	Nyagatare	-	-	1	18	-	-	-	19
	Rwamagana	-	-	1	12	-	1	1	15
<b>2. West</b>		-	-	<b>12</b>	<b>101</b>	<b>1</b>	<b>10</b>	<b>2</b>	<b>125</b>
	Karongi	-	-	3	18	-	3	-	24
	Ngororero	-	-	2	12	-	5	-	19
	Nyabihu	-	-	1	16	-	-	-	17
	Nyamasheke	-	-	2	18	1	-	-	21
	Rubavu	-	-	1	9	-	-	1	11
	Rusizi	-	-	2	12	-	1	<b>1</b>	15
	Rutsiro	-	-	1	16	-	1	-	18
<b>3. North</b>		-	-	<b>6</b>	<b>80</b>	<b>5</b>	<b>4</b>	-	<b>95</b>
	Burera	-	-	1	14	-	-	-	15
	Gakenke	-	-	2	18	5	1	-	26
	Gicumbi	-	-	1	21	-	-	-	22
	Musanze	-	-	1	9	-	3	-	13
	Rulindo	-	-	1	18	-	-	-	19
<b>4. South</b>		<b>1</b>	-	<b>10</b>	<b>106</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>126</b>
	Gisagara	-	-	2	12	-	-	-	14
	Huye	1	-	1	14	-	-	2	18
	Kamonyi	-	-	1	11	-	-	-	12
	Muhanga	-	-	1	12	-	<b>1</b>	1	15
	Nyamagabe	-	-	2	16	1	-	2	21
	Nyanza	-	-	1	13	-	-	2	16
	Nyaruguru	-	-	1	15	-	-	-	16
	Ruhango	-	-	1	13	-	-	-	14
<b>5. Kigali City</b>		<b>3</b>	<b>2</b>	<b>2</b>	<b>29</b>	-	<b>1</b>	<b>2</b>	<b>39</b>
	Gasabo	2	1	1	13	-	-	1	18
	Kicukiro	-	<b>1</b>	-	8	-	-	-	9
	Nyarugenge	1	-	1	8	-	1	1	12
<b>Rwanda</b>		<b>4</b>	<b>2</b>	<b>39</b>	<b>412</b>	<b>9</b>	<b>18</b>	<b>13</b>	<b>497</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.9.5: Distribution of health facilities by type**

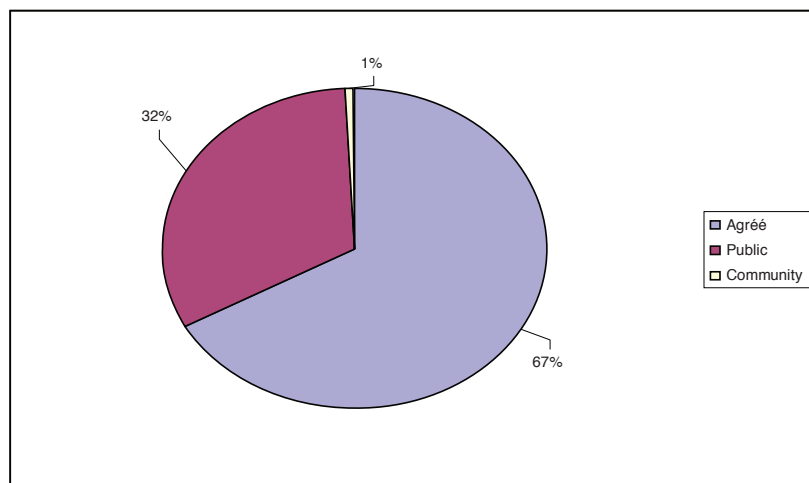
Distribution	2008								
	Referral Hospital	Military/Police Hospital	District Hospital	Health Centre	Health post	Dispensary	FOSACOM	PRISON DISP.	Grand Total
Number	4	2	39	412	9	18	-	13	<b>497</b>
Percentage	0.8	0.4	7.8	82.9	1.8	3.6	-	2.6	<b>100</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Figure 3: Distribution of health facilities by type****Table 2.9.6: Distribution of FOSA by Management authority (2008)**

Facility type	Agréé	Public	Community	Total
Health Centers	272	141	-	413
Dispensary	12	2	4	18
District Hospitals	23	16	-	39
Military Police Hospitals	2	-	-	2
Referral Hospitals	3	1	-	4
Prison Dispensary	13	-	-	13
Health post	8	1	-	9
<b>Total</b>	<b>333</b>	<b>161</b>	<b>4</b>	<b>497</b>
<b>Percentage</b>	<b>67.0</b>	<b>32.3</b>	<b>0.8</b>	<b>100</b>

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Figure 4: Distribution of FOSA by Management authority (2008)****Table 2.9.7: Availability of Electric Power in Health facilities (2008)**

Power status	N=433	Percentage
No power	71	16.4
Some power (generator or solar)	180	41.6
Connected to grid	182	42.0

Source: MoH, 2009 Rwanda Health Statistical Booklet; Rwanda District health system strengthening Framework, 2008

**Table 2.9.8: Type of electric source (2008)**

Electric source	Hospitals	N=40	HC	N=396
Connected to grid	32	80	150	37.9
Backup generator	30	75	109	27.5
Solar Power	10	25	186	46.9

Source: MoH, 2009 Rwanda Health Statistical Booklet; Rwanda District health system strengthening Framework, 2008

**Table 2.9.9: Availability of water in Health facilities (2008)**

Water source	Hospitals	N=40	HC	N=396
National water grid	19	47.5	104	26.3
Covered well or covered borehole	2	5.0	15	3.8
Local water system	13	32.5	130	32.8
Rainwater harvesting	2	5.0	78	19.7
Surface water	2	5.0	46	11.6
Open well/borehole	1	2.5	10	2.5
Tanker truck	-	-	2	0.5

Source: MoH, 2009 Rwanda Health Statistical Booklet; Rwanda District health system strengthening Framework, 2008



**Table 2.9.10: Internet/telephone access for district hospitals and health centers (2008)**

Facility type	Number	Internet	Percentage	Cell	Percentage	Land line telephone	Percentage
District Hospitals	40	24	60.0	36	90.0	23	57.5
Health Centers	396	24	6.0	301	76.0	56	14.1

Source: MoH, 2009 Rwanda Health Statistical Booklet;  
Rwanda District health system strengthening Framework, 2008

**Table 2.9.11: Availability of computer in District hospitals and health centers (2008)**

Facility type	Number	No computers	Only 1 Computer	> 1 Computer	% with > 1 Computer
District Hospitals	40	0	1	39	97.5
Health Centers	396	149	143	103	26.0

Source: MoH, 2009 Rwanda Health Statistical Booklet;  
Rwanda District health system strengthening Framework, 2008

**Table 2.9.12: Number of beds by health facility type and by service (2008)**

Facility type	Inpatients beds	Maternity beds	Total
DH and RH	5,861	1,704	7,565
Health centers	5,863	2,343	8,206
Total	11,724	4,047	15,771
Ratio beds /Pop	-	-	1.28

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.9.13: Vehicle access at District hospitals and health centers (2008)**

Facility type	Number	Ambulance		Any type		4X4 Covered	Other vehicles		
		Number	%	Number	%		Small car	Motorcycle	Pickup Truck
District Hospitals	40	27	67.5	36	90.0	17	12	34	42
Health Centers	396	184	46.5	273	68.9	24	12	319	6

Source: MoH, 2009 Rwanda Health Statistical Booklet

**Table 2.9.14: Facility with selected fully functional equipment (2008)**

Selected equipment	Hospitals N=40	%	Health centers N=396	%
Microscope	33	82.5	321	81.1
Refrigerator	36	90.0	286	72.2
X-Ray machine	21	52.5	17	4.3
Autoclave for sterilizing	25	62.5	65	16.4
Anesthesia machine	14	35.0	28	7.1
Incinerator for disposal of waste	22	55.0	182	45.9

Source: MoH, 2009 Rwanda Health Statistical Booklet

## 2.10. Financing

Table 2.10.1: Performance Based Financing (PBF) by source of funds, Achievements in 2008

Global Financing (RWF)						
Level	Quarter 1	Quarter 2	Quarter 3	Quarter 4	S-total	%
a	538,737,520	433,926,275	432,482,541	485,530,382	1,890,676,718	21.7
b	597,246,285	634,004,559	792,743,535	892,988,292	2,916,982,671	33.5
c	597,246,285	634,004,559	792,743,535	892,988,292	2,916,982,671	33.5
d	15,989,000	25,423,200	24,071,405	25,031,580	90,515,185	1.0
e	225,000,000	225,000,000	225,000,000	225,000,000	900,000,000	10.3
<b>Grand total</b>	<b>1,974,219,090</b>	<b>1,952,358,593</b>	<b>2,267,041,016</b>	<b>2,521,538,546</b>	<b>8,715,157,245</b>	<b>100</b>
<b>Source</b>						
1	1,277,230,559	1,155,591,824	1,143,138,793	1,259,290,245	4,835,251,421	68.0
2	231,302,717	142,900,241	153,961,917	159,683,921	687,848,796	9.7
3	0	0	0	210,145,735	210,145,735	3.0
4	129,385,964	135,860,847	87,276,797	0	265,246,811	3.7
5	86,355,200	76,974,956	350,100,076	89,250,000	339,856,953	4.8
6	0	0	350,100,076	40,852,730	390,952,806	5.5
7	40,278,127	26,758,093	31,143,576	44,817,473	142,997,269	2.0
8	0	0	33,746,977	28,825,212	62,572,189	0.9
9	15,000,000	30,942,002	29,595,782	27,015,628	102,553,412	1.4
10	24,434,440	17,413,872	16,228,459	17,754,411	75,831,182	1.1
<b>Grand total</b>	<b>1,803,987,007</b>	<b>1,586,441,835</b>	<b>1,845,192,377</b>	<b>1,877,635,355</b>	<b>7,113,256,574</b>	<b>100</b>
<b>Indicators</b>						
1	401,383,933	415,252,151	469,352,843	493,974,010	1,779,962,937	26.2
2	538,737,520	433,926,275	432,482,541	485,530,382	1,890,676,718	27.8
3	195,862,352	218,752,408	323,390,692	399,014,282	1,137,019,734	16.7
4	15,989,000	25,423,200	24,071,405	25,031,580	90,515,185	1.3
5	225,000,000	225,000,000	225,000,000	225,000,000	900,000,000	13.2
6	250,000,000	250,000,000	250,000,000	250,000,000	1,000,000,000	14.7
<b>Grand total</b>	<b>1,626,972,805</b>	<b>1,568,354,034</b>	<b>1,724,297,481</b>	<b>1,878,550,254</b>	<b>6,798,174,574</b>	<b>100.0</b>

Source: MoH Annual report 2008

**Table 2.10.2: PBF: Distribution of funds to Districts in 2008**

Number	Districts	Quarter 1	Quarter 2	Quarter 3	Quarter 4	S-total
1	BUGESERA	32,903,353	44,284,966	51,118,602	46,779,866	<b>175,086,787</b>
2	BURERA	14,515,436	31,698,237	33,883,404	34,736,654	<b>114,833,731</b>
3	GAKENKE	42,391,695	50,253,674	53,875,600	54,699,358	<b>201,220,327</b>
4	GASABO	78,795,243	70,083,354	72,431,167	70,500,887	<b>291,810,651</b>
5	GATSIBO	38,300,055	44,715,034	49,957,460	50,082,874	<b>183,055,423</b>
6	GICUMBI	46,120,839	47,403,688	59,057,416	56,597,825	<b>209,179,768</b>
7	GISAGARA	44,530,519	27,514,369	31,255,136	41,280,527	<b>144,580,551</b>
8	HUYE	42,433,428	43,611,765	46,324,142	50,162,036	<b>182,531,371</b>
9	KAMONYI	25,233,382	19,634,705	20,277,590	33,380,806	<b>98,526,483</b>
10	KARONGI	37,375,555	38,254,225	43,511,308	60,612,617	<b>179,753,705</b>
11	KAYONZA	53,959,239	24,440,885	33,623,010	33,504,168	<b>145,527,302</b>
12	KICUKIRO	5,424,564	16,040,769	19,952,689	18,830,898	<b>60,248,920</b>
13	KIREHE	26,134,675	8,974,235	24,105,971	30,743,701	<b>89,958,582</b>
14	MUHANGA	88,966,404	49,661,902	57,154,009	63,458,999	<b>259,241,314</b>
15	MUSANZE	40,785,951	37,437,247	48,326,583	62,449,036	<b>188,998,817</b>
16	NGOMA	40,414,647	33,996,206	37,759,949	40,182,533	<b>152,353,335</b>
17	NGORORERO	39,346,312	30,238,865	37,560,406	47,268,389	<b>154,413,972</b>
18	NYABIHU	37,495,715	19,057,547	31,987,184	35,078,876	<b>123,619,322</b>
19	NYAGATARE	42,524,798	26,128,871	26,952,099	39,606,485	<b>135,212,253</b>
20	NYAMAGABE	34,781,387	23,928,770	22,116,752	34,896,197	<b>115,723,106</b>
21	NYAMASHEKE	83,530,134	74,994,020	81,473,978	86,513,118	<b>326,511,250</b>
22	NYANZA	26,274,834	27,883,814	24,037,251	34,928,282	<b>113,124,181</b>
23	NYARUGENGE	29,314,868	38,580,310	49,645,511	57,259,507	<b>174,800,196</b>
24	NYARUGURU	14,422,374	27,447,633	27,115,184	30,278,485	<b>99,263,676</b>
25	RUBAVU	39,660,600	35,559,067	43,049,418	47,488,848	<b>165,757,933</b>
26	RUHANGO	23,838,600	35,491,196	37,327,356	41,535,365	<b>138,192,517</b>
27	RULINDO	31,298,841	46,450,142	44,972,988	48,037,190	<b>170,759,161</b>
28	RUSIZI	49,271,687	69,651,730	74,002,259	77,779,329	<b>270,705,005</b>
29	RUTSIRO	18,312,288	31,995,419	41,237,505	44,626,662	<b>136,171,874</b>
30	RWAMAGANA	23,615,376	17,941,393	25,205,558	30,250,739	<b>97,013,066</b>
<b>Total</b>		<b>1,151,972,799</b>	<b>1,093,354,038</b>	<b>1,249,297,485</b>	<b>1,403,550,257</b>	<b>4,898,174,579</b>

Source: MoH, Annual report 2008

**Table 2.10.3: Health expenditure Indicators**

Indicator	2005	2006	2007	2008
Expenditure to Health (RWF)	-	11,953,700,524	14,006,945,665	85,931,582,515
Execution (RWF)	-	11,988,806,454	13,987,591,453	69,188,214,079
Execution as %	-	103.3%	99.86%	81%
Health Expenditure to GDP	-	11%	-	-
Public Health expenditure per capita (US\$)	3.1	11.0	9.0	11.0
Share of health expenditure in total public expenditure	-	6.5	8.8	-

Source: MoH, Annual reports 2006- 2008

**Table 2.10.4: Financial accessibility to health services**

Indicator	2005	2006	2007-2008
% GoR budget allocated to health(DB + OB)	8.2%	12.6%	9.1%
% GoR budget allocated to health (only DB, ob-budget)	12.6%	24%	15%
% GoR budget allocated to health (only OB, domestic)	6%	6.4%	6.1%
PC annual GoR expenditure on health (target: USD 16)	6	10.9	11.1
% total public expenditure spent on health (actual budget)	8.2	12.6	9.1
% Population covered by CBHI	44%	73%	85%
% GoR expenditure on PHC (CBHC + HCs)	38%	49%	53%
Number of Poor (indigents) receiving subsidized essential health services through membership card	-	803,500	714,250

Source: MoH, Annual report 2008

## **Chapter 3: Education**

### 3.1 Primary education statistics

**Table 3.1.1: Primary students' enrolled statistics**

Year	2005	2006	2007	2008
Number of Students	1 857 841	2 019 991	2 150 430	2 190 270
Number of Boys	912 207	984 272	1 058 026	1 076 159
% of Boys	49.1%	48.7%	49.2%	49.1%
Number of Girls	945 634	1 035 719	1 092 404	1 114 111
% of Girls	50.9%	51.3%	50.8%	50.9%
Students of school age	1 265 205	1 320 134	1 356 461	1 613 055
Boys of school age	615 521	637 793	662 558	788 796
Girls of school age	649 684	682 341	693 921	824 259
Children of school age	1 353 482	1 389 790	1 415 930	1 712 432
Boys of school age	667 428	686 273	699 369	845 580
Girls of school age	686 054	703 517	716 561	866 852
Gross Enrolment Rate (GER)	137.3%	145.3%	151.9%	127.9%
GER Boys	136.7%	143.4%	151.3%	127.3%
GRE Girls	137.8%	147.2%	152.5%	128.5%
Net Enrolment Rate (NER)	93.5%	95.0%	95.8%	94.2%
NER Boys	92.2%	92.9%	94.7%	93.3%
NER Girls	94.7%	97.0%	96.8%	95.1%
Completion Rate Overall	46.7%	51.7%	52.0%	52.5%
Transition Rate Overall	58.3%	58.7%	54.6%	88.0%
Transition Rate Boys	61.8%	62.0%	56.6%	89.0%
Transition Rate Girls	54.8%	55.3%	52.7%	86.3%
Promotion rate Overall	69.6%	67.6%	68.4%	69.5%
Promotion rate boys	-	-	67.6%	68.7%
Promotion rate girls	-	-	69.2%	70.3%
Repetition Rate Overall	15.8%	18.1%	17.7%	15.2%
Repetition Rate boys	-	-	17.7%	15.7%
Repetition Rate girls	-	-	17.8%	14.9%
Drop out Rate Overall	14.6%	14.3%	13.9%	15.2%
Drop out Rate boys	-	-	14.6%	14.7%
Drop out Rate girls	-	-	13.1%	15.6%

Source : MINEDUC

**Table 3.1.2: Primary teachers' statistics**

<b>Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Head and Teachers	29 033	30 637	31 037	35 672
Number of teachers	26 944	28 474	29 059	33 158
Number of Male	12 330	12 835	13 067	15 211
% of Male	45.8%	45.1%	45.0%	45.9%
Number of Female	14 614	15 639	15 992	17 947
% of Female	54.2%	54.9%	55.0%	54.1%
Teachers Qualified	25 255	27 795	28 508	30 171
% of Qualified Teacher	93.7%	97.6%	98.1%	91.0%
Male Qualified	11 534	12 640	12 758	13 607
% of qualified Male	93.5%	98.5%	97.6%	89.5%
Female Qualified	13 721	15 155	15 750	16 564
% Qualified Female	93.9%	96.9%	98.5%	92.3%
Pupil Teacher Ratio	69	71	74	66
Pupil Teacher Qualified Ratio	74	73	75	73

Source: MINEDUC

**Table 3.1.3: Primary schools and classrooms' statistics**

<b>Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Schools	2 295	2 323	2 370	2 432
Classrooms	29 748	30 434	30 737	30 989
Pupil classroom ratio	62	66	70	71

Source: MINEDUC

Table 3.1.4: 2008 Number of primary school children by level, district and sex

District	Sex		Level						Total
	Male	Female	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year	6 <sup>th</sup> Year	
Bugesera	34 745	35 426	23 094	13 284	11 447	10 085	7 836	4 425	70 171
Burera	44 269	46 280	33 427	18 728	15 256	11 380	7 467	4 291	90 549
Gakenke	38 461	40 769	22 537	16 609	13 557	11 087	9 018	6 422	79 230
Gasabo	33 276	34 040	17 130	13 124	11 974	10 638	9 104	5 346	67 316
Gatsibo	41 988	44 173	30 646	17 207	13 956	11 450	7 741	5 161	86 161
Gicumbi	48 569	50 817	29 094	21 711	17 074	13 994	10 334	7 179	99 386
Gisagara	28 038	30 310	20 441	11 411	9 814	8 045	5 785	2 852	58 348
Huye	29 955	30 961	16 225	11 724	11 043	8 927	7 770	5 227	60 916
Kamonyi	34 493	36 260	19 495	13 905	11 641	10 820	9 280	5 612	70 753
Karongi	38 851	40 355	24 626	16 127	13 072	10 548	8 726	6 107	79 206
Kayanza	32 219	32 184	20 563	12 641	10 615	8 638	7 398	4 548	64 403
Kicukiro	20 362	20 233	9 772	8 133	7 005	6 505	5 712	3 468	40 595
Kirehe	33 033	34 367	21 348	13 426	11 165	9 702	7 606	4 153	67 400
Muhanga	34 913	35 983	18 464	15 038	12 867	10 796	8 494	5 237	70 896
Musanze	42 735	45 072	26 541	17 633	15 173	12 981	8 974	6 505	87 807
Ngoma	32 649	33 829	21 924	12 861	10 870	9 464	7 195	4 164	66 478
Ngororero	38 727	40 591	26 739	16 161	13 253	10 939	7 794	4 432	79 318
Nyabihu	40 115	42 071	28 953	15 636	13 204	11 147	8 490	4 756	82 186
Nyagatare	42 930	43 467	32 282	16 615	13 823	11 074	8 246	4 357	86 397
Nyamagabe	37 633	39 986	24 418	16 888	13 547	10 105	7 665	4 996	77 619
Nyamasheke	49 571	52 074	29 073	22 248	19 828	13 297	10 419	6 780	101 645
Nyanza	29 257	30 140	17 908	11 807	10 241	8 513	7 037	3 891	59 397
Nyarugenge	21 057	20 982	10 457	8 250	6 820	6 834	5 932	3 746	42 039
Nyaruguru	35 278	35 601	24 029	14 158	12 080	9 069	7 062	4 481	70 879
Rubavu	36 416	36 333	24 190	14 018	11 909	10 575	7 556	4 501	72 749
Rulindo	32 915	34 000	19 045	14 325	11 834	9 831	7 809	4 071	66 915
Ruhango	32 072	33 930	19 606	12 941	11 078	9 545	7 951	4 881	66 002
Rutsiro	38 444	39 568	24 986	16 160	13 413	11 120	8 305	4 028	78 012
Rusizi	45 372	45 217	25 648	19 129	17 131	12 487	10 611	5 583	90 589
Rwamagana	27 816	29 092	17 442	11 543	9 705	8 291	6 384	3 543	56 908
<b>Total</b>	<b>1 076 159</b>	<b>1 114 111</b>	<b>680 103</b>	<b>443 441</b>	<b>374 395</b>	<b>307 887</b>	<b>239 701</b>	<b>144 743</b>	<b>2 190 270</b>

Source: MINEDUC



### 3.2 Secondary education statistics

**Table 3.2.1: Secondary students' statistics**

Year	2005	2006	2007	2008
Students public+private	218517	239629	266518	288036
Children of school age	1313190	1302043	1303025	1308403
Students of school age	118389	131063	170421	181765
Boys	-	-	-	88938
Girls	-	-	-	92827
Students (public + libre subsidié)	128407	140530	156375	181073
Students (private)	90110	99099	110143	106963
% of boys	52.8%	52.5%	52.4%	52.2%
% of girls	47.2%	47.5%	47.6%	47.8%
Total boys	115350	125857	139699	150221
Boys of school age	642990	638040	639162	642601
Boys (public + L.S)	73785	77984	86087	98724
Number of boys (private)	41565	47873	53612	51497
% of Boys (Pu +L.S)	64.0%	62.0%	61.6%	65.7%
% of Boys (private)	36.0%	38.0%	38.4%	34.3%
Total girls	103167	113772	126819	137815
Girls of school age	670200	664003	663863	665801
Number of Girls (public + L.S)	56422	62546	70288	82349
Number of Girls (private)	48545	51226	56531	55466
% of Girls (public + L.S)	54.7%	55.0%	55.4%	59.8%
% of Girls (private)	47.1%	45.0%	44.6%	40.2%
Gross Enrolment Rate	16.6%	18.4%	20.5%	22.0%
Boys	17.9	19.7	21.9	23.4
Girls	15.4	17.1	19.1	20.7
Net Enrolment Rate	9.0%	10.1%	13.1%	13.9%
Boys	0.0	0.0	0.0	13.8
Girls	0.0	0.0	0.0	13.9
Repetition	8.7%	7.7%	8.4%	-

Source : MINEDUC

**Table 3.2.2: Secondary teachers' statistics**

<b>YEAR</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Total public + private	7610	7818	12103	16105
Teachers (public)	4340	4385	7032	9706
Teachers (private)	3270	3433	5071	6399
Males Pu+LS+Pr	5986	6010	9016	11034
Number of Males (public)	3311	3275	5168	4521
Males (private)	2675	2735	3848	3170
% of Males	78.7%	76.9%	74.5%	68,5%
Females Pu+LS+Pr	1624	1808	3087	5071
Females (public)	1029	1110	1864	1490
Females (private)	595	698	1223	1006
% of Females	21.3%	23.1%	25.5%	31.5%
Number of Qualified Teachers	3940	4082	6458	5849
% of Qualified Teachers	51.8%	52.2%	53.4%	36.3%
Male Qualified	3417	3310	5331	4593
% of Qualified Males	86.7%	81.1%	82.5%	78.5%
Number of Qualified Female	523	772	1127	1256
% of Qualified Females	13.3%	18.9%	17.5%	21.5%
Teacher Student Ratio (public)	29.6	32.0	22.2	18.7
Teacher Student Ratio (private)	27.6	28.9	21.7	16.7
Qualified Teacher student Ratio	55.5	58.7	41.3	49.2

Source: MINEDUC

**Table 3.2.3: Secondary schools' statistics**

<b>YEAR</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Public schools	337	356	405	466
Private Schools	216	223	238	223
<b>Total (public + private)</b>	<b>553</b>	<b>579</b>	<b>643</b>	<b>689</b>

Source: MINEDUC

**Table 3.2.4: Number of secondary schools by province, district and status (2007)**

<b>Province/District</b>	<b>Public</b>	<b>Subsidized</b>	<b>Private</b>	<b>Total</b>
<b>North</b>	<b>59</b>	<b>42</b>	<b>26</b>	<b>127</b>
Gicumbi	14	7	6	27
Burera	10	7	5	22
Gakenke	10	12	3	25
Musanze	9	11	7	27
Rulindo	16	5	5	26
<b>East</b>	<b>52</b>	<b>38</b>	<b>47</b>	<b>137</b>
Gatsibo	7	10	9	26
Bugesera	8	2	4	14
Kayanza	10	1	6	17
Kirehe	8	3	6	17
Ngoma	7	8	12	27
Nyagatare	4	9	3	16
Rwamagana	8	5	7	20
<b>West</b>	<b>34</b>	<b>65</b>	<b>54</b>	<b>153</b>
Karongi	8	10	5	23
Nyabihu	5	8	8	21
Ngororero	5	6	5	16
Nyamasheke	7	16	5	28
Rubavu	5	5	14	24
Rutsiro	3	7	4	14
Rusizi	1	13	13	27
<b>South</b>	<b>48</b>	<b>50</b>	<b>61</b>	<b>159</b>
Gisagara	8	8	2	18
Huye	7	10	10	27
Kamonyi	6	1	7	14
Muhanga	4	5	14	23
Nyamagabe	8	9	5	22
Nyanza	5	5	10	20
Nyaruguru	1	9	4	14
Ruhango	9	3	9	21
<b>Kigali City</b>	<b>15</b>	<b>3</b>	<b>49</b>	<b>67</b>
Kicukiro	6	0	15	21
Gasabo	5	1	22	28
Nyarugenge	4	2	12	18
<b>Total</b>	<b>208</b>	<b>198</b>	<b>237</b>	<b>643</b>

Source: MINEDUC

### 3.3 High Learning Education statistics

**Table 3.3.1: High Learning Education statistics for academic years (2006 - 2008)**

N°	Institution	Acronym	Students		
			2006	2007	2008
<b>Public Higher learning institutions</b>			<b>16 451</b>	<b>18 972</b>	<b>20 083</b>
01	National University of Rwanda	NUR	8 082	6 939	6 430
02	Kigali Institute of Science and Technology	KIST	2 096	2 451	2 387
03	Kigali Health Institute	KHI	1 054	1 221	1 108
04	Institut Supérieur d'Agriculture et d'Elevage	ISAE	1 057	1 885	1 988
05	School of Finance and Banking	SFB	1716	1796	2224
06	Kigali Institute of Education	KIE	2188	4155	4472
07	Umutara Polytechnic	UP	258	525	1 474
<b>Private Higher learning institutions</b>			<b>20 698</b>	<b>22 041</b>	<b>24 293</b>
01	Université Libre de Kigali	ULK	11 186	8 610	8 686
02	Université Laïque Adventiste de Kigali	UNILAK	4 045	5 032	5 220
03	Université Adventiste d'Afrique Centrale	UAAC	1 095	1 749	2 200
04	Université d'Agriculture, de Technologie et d'Education de Kibungo	UNATEK	1 738	2 706	3 448
05	Institut d'Enseignement Supérieur de Ruhengeri	INES	528	759	1 417
06	Université Catholique de Kabgayi	UCK	1 058	1 733	1 462
07	Kigali Institute of Management	KIM	344	511	776
08	Institut Polytechnique de Byumba	IPB	230	354	334
09	Grand Séminaire de Nyakibanda	GSN	168	178	186
10	Faculté de Théologie Protestante de Butare	FTPB	73	77	79
11	Institut des Sciences Pédagogiques de Gitwe	ISPG	233	332	485
<b>Colleges</b>					<b>752</b>
01	Kicukiro College of Technology	KCT	NEW	NEW	166
02	Tumba College of Technology	TCT	NEW	NEW	300
03	Kavumu College of Technology	KCT	NEW	NEW	154
04	Rukara College of Technology	RCT	NEW	NEW	132
<b>Total</b>			<b>37 149</b>	<b>41 013</b>	<b>45 128</b>

Source: MINEDUC

**Table 3.3.2: Local and expatriate academic staff**

N°	Institution	Acronym	2007			2008		
			Local	Expatriate	Total	Local	Expatriate	Total
<b>Public Higher learning institutions</b>								
01	National University of Rwanda	<b>NUR</b>	423	47	<b>470</b>	443	66	<b>509</b>
02	Kigali Institute of Science and Technology	<b>KIST</b>	150	34	<b>184</b>	149	34	<b>183</b>
03	Kigali Health Institute	<b>KHI</b>	46	13	<b>59</b>	100	27	<b>127</b>
04	Institut Supérieur d'Agriculture et d'Elevage	<b>ISAE</b>	52	14	<b>66</b>	84	14	<b>98</b>
05	School of Finance and Banking	<b>SFB</b>	57	10	<b>67</b>	58	11	<b>69</b>
06	Kigali Institute of Education	<b>KIE</b>	126	33	<b>159</b>	125	30	<b>155</b>
07	Umutara Polytechnic	<b>UP</b>	33	8	<b>41</b>	21	15	<b>36</b>
<b>Total</b>			<b>887</b>	<b>159</b>	<b>1 046</b>	<b>980</b>	<b>197</b>	<b>1 177</b>
<b>Colleges</b>								
08	Tumba College of Technology	<b>TCT</b>	0	0	<b>0</b>	29	5	<b>34</b>
09	Kicukiro College of Technology	<b>KCT</b>	0	0	<b>0</b>	1	2	<b>3</b>
10	Kavumu College of Education	<b>KCE</b>	0	0	<b>0</b>	7	0	<b>7</b>
11	Rukara College of Education	<b>RCE</b>	0	0	<b>0</b>	8	0	<b>8</b>
<b>Total</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>45</b>	<b>7</b>	<b>52</b>
<b>Private Higher learning institutions</b>								
01	Université Libre de Kigali	<b>ULK</b>	80	0	<b>80</b>	54	9	<b>63</b>
02	Université Laïque Adventiste de Kigali	<b>UNILAK</b>	48	17	<b>65</b>	76	16	<b>92</b>
03	Université Adventiste d'Afrique Centrale	<b>UAAC</b>	10	4	<b>14</b>	10	4	<b>14</b>
04	Université d'Agriculture, de Technologie et d'Education de Kibungo	<b>UNATEK</b>	26	1	<b>27</b>	28	1	<b>29</b>
05	Institut d'Enseignement Supérieur de Ruhengeri	<b>INES</b>	-	-	<b>-</b>	-	-	<b>-</b>
06	Université Catholique de Kabgayi	<b>UCK</b>	10	2	<b>12</b>	27	3	<b>30</b>
07	Kigali Institute of Management	<b>KIM</b>			<b>0</b>	1	20	<b>21</b>
08	Institut Polytechnique de Byumba	<b>IPB</b>	15	1	<b>16</b>			<b>0</b>
09	Grand Séminaire de Nyakibanda	<b>GSN</b>	12	1	<b>13</b>	12	1	<b>13</b>
10	Faculté de Théologie Protestante de Butare	<b>FTPB</b>	7	2	<b>9</b>	8	2	<b>10</b>
11	Institut des Sciences Pédagogiques de Gitwe	<b>ISPG</b>	47	0	<b>47</b>	37	5	<b>42</b>
<b>Total</b>			<b>255</b>	<b>28</b>	<b>283</b>	<b>253</b>	<b>61</b>	<b>314</b>

Source: MINEDUC

## **Chapter 4: Environment**

#### 4.1 Environment statistics

**Table 4.1.1 National forest coverage 2008**

Classes	Area (ha)	Area (km <sup>2</sup> )	Forest coverage area (%)
Bamboo	4381.47	43.81	1.82
Natural degraded forest	38,003.51	380.04	15.79
Plantation of Eucalyptus	63,560.75	635.61	26.4
Humid natural forest	79,797.86	797.98	33.15
Plantation of Pinus	12,071.31	120.71	5.01
Savannah	3,726.81	37.27	1.55
Young coppices plantation	39,204.82	392.05	16.28
<b>Total</b>	<b>240,746.53</b>	<b>2,407.47</b>	<b>100</b>

Source : MINIRENA, CGIS-NUR 2008

**Table 4.1.2: Forests distribution by province in hectares**

Province	2007	2008
Kigali City	3,633.5	3,633.5
West	103,731.33	103,731.33
South	86,831.5	86,831.5
North	35,421.26	35,421.26
East	11,090.12	11,090.12
<b>Total</b>	<b>240,707.71</b>	<b>240,707.71</b>

Source : MINIRENA, CGIS-NUR 2008

**Table 4.1.3: Status of natural forest coverage in Rwanda 2008**

National park/Natural reserve	Forest class on the map	Area (ha)
Nyungwe National Park (including Cyamudongo)	Humid natural forest	70,363
	Natural forest (secondarisée)	33,500
Volcanoes National Park	Humid natural forest	7,211
	Natural forest (secondarisée)	4,628
	Bamboo	4,380
Akagera National Park	Savannah	1,277
Gishwati Natural Reserve	Humid natural forest	316
	Natural forest (secondarisée)	712
Mukura Natural Reserve	Humid natural forest	1,726
	Natural forest (secondarisée)	187
Busaga Natural Reserve	Humid natural forest	82
	Natural forest (secondarisée)	70
Other		2565
<b>TOTAL</b>		<b>127,016</b>

Source : MINIRENA, CGIS-NUR 2008

**Table 4.1.4: Greenhouse gases emissions Trend.**

<b>Emissions (Gg)</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Industrial activity	145.18	148.47	150.52	153.91
Energy	307.19	335.42	380.36	447.14
Total Carbon Dioxide (CO <sub>2</sub> )	452.37	483.89	530.88	601.05
Total Allocation of land and forestry (CO <sub>2</sub> absorbed)	-6620	-6964	-8545	-10126
Total biomass (Memo item)	6747.19	6983.35	7227.6	7493.68
Total Methane (CH <sub>4</sub> )	64.27	68.75	71.31	74.1
Energy	18.54	19.19	19.86	20.6
Agriculture	43.5	47.1	48.9	50.7
Wastes	2.23	2.46	2.55	2.8
Total Nitrous Oxide (N <sub>2</sub> O)	3.53	7.93	9.83	11.73
Energy	0.24	0.25	0.26	0.27
Agriculture	3.2	7.6	9.5	11.4
Allocation of land and forestry	0.09	0.08	0.07	0.06
Carbon Monoxide (CO)	1963.08	2006.76	2327	2652.482
Nitrogen oxides (Nox)	15.316	15.217	16.008	16.799
COVNM <sub>s</sub>	38.96	40.37	41.78	43.57
Sulfur oxides (Sox)	16.6	16.94	18.07	18.48

Source: REMA, SNCC, 2010

**Table 4.1.5: Evolution of aggregated emissions.**

<b>Year</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Energy	770.93	787.68	804.85	823.49
Industrial activity	145.18	148.47	150.52	153.91
Agriculture	1905.5	3345.1	3971.9	4598.7
Allocation of land and forestry	27.9	24.8	21.7	18.6
Wastes	46.83	51.66	53.55	58.8
<b>Total</b>	<b>2896.34</b>	<b>4385.94</b>	<b>5010,4</b>	<b>5793.45</b>
<b>Total CO<sub>2</sub> absorbed</b>	<b>- 6620.00</b>	<b>-6964.00</b>	<b>- 8545.00</b>	<b>-10126.00</b>
<b>Total biomass (Memo item)</b>	<b>6747.19</b>	<b>6983.35</b>	<b>7227.6</b>	<b>7493.68</b>

Source: REMA, SNCC, 2010



## **Chapter 5: Agriculture**

## 5.1 Agriculture statistics

**Table 5.1.1: Arable and cultivated land**

Year	2005	2006	2007	2008
Total Arable land ('000 Hectare)	2,294.38	2,294.38	2,294.38	2,294.38
Total cultivated Area ('000 Hectare)	852.26	868.31	846.42	1,205.09

Source : MINAGRI, NISR (NAS 2008)

**Table 5.1.2: Production of key food security crops '000 Tons**

Crop	2005	2006	2007	2008
Rice	62	60	62	82
Cassava	782	765	779	1,681
Banana	2,593	2,658	2,686	2,604
Sweet potato	885	777	841	826
Irish Potato	1,314	1,276	967	1,162
Maize	97	97	102	167
Sorghum	228	187	164	144
Beans	200	297	329	308

Source: MINAGRI

**Table 5.1.3: Production of major cash crops in Tons**

Crop	2005	2006	2007	2008
Coffee	17,414	22,223	14,683	20,724
Tea	16,458	16,976	20,474	19,965
Sugar cane	58,665	58,011	97,010	63,001

Source: OCIR CAFE, OCIR THE, KSW

**Table 5.1.4: Land area coverage for major cash crops '000 Hectare**

Crop	2005	2006	2007	2008
Coffee	29.625	30.75	31.875	42.9
Tea	11.75	11.674	11.895	12.5
Sugar cane	3.4	3.6	3.6	3.6

Source: OCIR CAFE, OCIR THE, KSW

**Table 5.1.5: Total production of fruits and area cultivated in 2008**

Crop	Production (tons)	Area (Ha)
Avocado	81,697	15,620.754
Fruit banana	69,226	15,904.981
Pineapple	31,329	1,961.332
Mango	9,171	5,305.340
Passion fruit	5,492	1,843.732
Japanese plum	6,032	2,993.527
Lemon	4,096	1,541.900
Orange	3,154	1,255.456
Papaya	3,305	222.766

Source: RHODA

**Table 5.1.6: Total production of vegetables and area cultivated in 2008**

Crop	Production (tons)	Area (Ha)
Cabbage	72,019	8,152.316
Tomatoe	69,743	5,586.356
Local eggplant	38,068	4,184.353
Carrot	18,257	1,266.843
Onion	8,202	1,638.504
French beans	2,334	1,123.795
Sweet pepper	1,728	187.056
Pepper	236	389.826
Leek	202	12.480

Source: RHODA

**Table 5.1.7: Number of households engaged in horticulture production by Province**

Province	2008
Kigali City	5,410
South	311,969
West	301,538
North	200,525
East	190,210

Source : RHODA

**Table 5.1.8: Average market prices for key food security crops RWF per kilogram**

Crop	2005	2006	2007	2008
Rice	360	426	470	579
Cassava (Flour)	-	149	176	146
Banana	87	98	100	86
Sweet potato	76	80	81	60
Irish Potato	77	94	113	113
Maize	-	154	160	199
Sorghum	-	158	170	212
Beans	180	203	271	313

Source : MINAGRI

**Table 5.1.9: Livestock population by type '000 head**

Category	2005	2006	2007	2008
Cattle	1,077	1,122	1,147	1,195
Sheeps	690	695	704	718
Goats	1,664	1,988	2,238	2,520
Pigs	456	528	571	587
Rabbits	427	418	423	451
Poultry	2,109	1,776	1,868	2,218

Source : RARDA

**Table 5.1.10: Animal Products (Tons)**

Product	2005	2006	2007	2008
Milk	142,511	156,596	189,827	257,197
Meat	49,861	52,226	54,780	69,637
Fish	8,180	9,267	9,655	12,594
Eggs	2,452	2,236	1,620	2,327
Honey	1,671	1,676	-	1,654
Hides	3,138	3,527	4,137	2,153

Source : RARDA

**Table 5.1.11: Final results of foreseen interventions in milk production**

Year	2005	2006	2007	2008
Population	8, 776,324	9, 004,508	9, 238,626	9, 831,501
National milk needs (tons)	275,845	283,017	290,375	297,925
Nat. Prod. Envisaged (tons)	127,070	195,269	280,164	288,719
Nat milk prod (tons)	142,511	156,596	189,827	257,197
Milk imports & Products				
Milk UHT (tons)	500	500	400	1,146
Powdered milk (tons)	200	200	200	412.5
Milk products (tons)	10	10	10	75.6
Liquid milk (tons)	0	0	0	0

Source : RARDA, NISR (Population projection 2009)

**Table 5.1.12: Total Area (in '000 Ha) protected against Erosion**

Year	2005	2006	2007	2008
Protected Area	-	-	-	797.3
Cultivated land	852.26	868.31	846.42	1,205.09

Source : MINAGRI, NISR (NAS 2008)

**Table 5.1.13: Cultivated area under irrigation methods '000 Hectare**

Year	2005	2006	2007	2008
Marshland	7.5	9.5	12	13
Hill side	0.08	0.13	0.30	0.33
<b>Total</b>	<b>7.58</b>	<b>9.63</b>	<b>12.30</b>	<b>13.33</b>

Source : RADA

**Table 5.1.14: Number of registered farmers cooperatives**

Year	2007	2008
Agriculture	207	57
Livestock	78	18
Both	16	3

Source: RCA

## **Chapter 6: Energy and Water Production**

## 6.1 Energy

**Table 6.1.1: Electricity generation by production Unit (kwh)**

<b>2005</b>	<b>Total</b>
GIHIRA	5,839,640
GISENYI	3,504,260
NTARUKA	5,703,000
MUKUNGWA	22,880,700
<b>Hydro production</b>	<b>65,734,130</b>
<b>Thermal production</b>	<b>130,272,113</b>
GATSATA	1,184,000
JABANA	19,237,640
RENTAL POWER I	82,256,473
RENTAL POWER II	27,594,000
<b>Exports</b>	<b>2,033,200</b>
GISORO (Elgz)	2,033,200
MURURU II	0,000
GOMA (Elgz)	0,000
<b>Imports</b>	<b>64,097,400</b>
RUSIZI	20,528,400
RUSIZI II	40,784,000
KABALE (UEB)	2,785,000
<b>Total National consumption (kwh) (Domestic + Import- Export)</b>	<b>230,264,173</b>
<b>Total domestic production (kwh) 2005</b>	<b>168,199,973</b>
<b>Hydro production</b>	<b>37,927,600</b>
<b>2006</b>	<b>Total</b>
GIHIRA	5,908,750
GISENYI	4,380,560
NTARUKA	15,350,620
MUKUNGWA	40,094,200
<b>Thermal production</b>	<b>50,122,802</b>
JABANA	25,397,799
GATSATA	14,071,873
R.POWER	10,653,130
<b>IMPORTATION</b>	<b>64,097,400</b>
RUSIZI I	20,528,400
RUSIZI II	40,784,000
KABALE (UEDCL)	2,785,000
<b>EXPORTATION</b>	<b>1,822,661</b>
GISORO ( Elgz)	1,806,552
Mururu II	0,000
Goma (elgz)	16,109
<b>Total National consumption (kwh) (Domestic + Import- Export)</b>	<b>178,131,671</b>
<b>Total domestic production (kwh) 2006</b>	<b>115,856,932</b>

<b>2007</b>	<b>Total</b>
GIHIRA	7,196,241
GISENYI	5,590,680
NTARUKA	1,197,400
MUKUNGWA	18,102,400
<b>Hydro production</b>	<b>32,086,721</b>
<b>Thermal production</b>	<b>133,237,060</b>
GATSATA	1,979,000
JABANA	11,029,740
RENTAL POWER I	79,214,470
RENTAL POWER II	41,013,850
<b>Exports</b>	<b>2,144,500</b>
GISORO(Elg)	2,144,300
MURURU II	200
GOMA(Elgz)	
<b>Imports</b>	<b>85,409,140</b>
RUSIZI	19,791,640
RUSIZI II	64,944,000
KABALE(UEB)	673,500
<b>Total National consumption (kwh) (Domestic + Import- Export)</b>	<b>248,625,163</b>
<b>Total domestic production (kwh) 2007</b>	<b>165,360,523</b>
<b>2008</b>	<b>Total</b>
GIHIRA	6,430,650
GISENYI	6,425,190
NTARUKA	15,105,700
MUKUNGWA	43,273,400
<b>Hydro production</b>	<b>71,234,940</b>
<b>Thermal production</b>	<b>122,694,712</b>
JABANA I	5,451,600
GATSATA	0,000
R.POWER I	78,203,264
R.POWER II	39,039,848
<b>EXPORTATION</b>	<b>2,154,950</b>
GISORO ( Elgz)	2,108,950
MURURU II	46,000
GOMA (Elgz)	
<b>IMPORTATION</b>	<b>84,414,127</b>
RUSIZI I	20,156,127
RUSIZI II	64,258,000
KABALE ( UEB)	0
<b>Total National consumption (kwh) (Domestic + Import- Export)</b>	<b>277,205,623</b>
<b>Total domestic production (kwh) 2008</b>	<b>194,946,446</b>

Source: RECO-RWASCO

## 6.2 Water production statistics

### 6.2.1 Table: Water treatment by plant

WATER TREATMENT PLANT /USINE	Treated Water (m <sup>3</sup> ) 2005	Treated Water (m <sup>3</sup> ) 2006	Treated Water (m <sup>3</sup> ) 2007	Treated Water (m <sup>3</sup> ) 2008
KIMISAGARA	5,788,678	6,613,137	7,114,189	8,883,203
KARENGE	2,216,608	1,965,691	1,975,814	3,635,468
GIHIRA	1,541,749	1,576,979	1,722,403	1,880,217
MUTOBO	1,580,451	500,720	1,316,870	1,424,017
NYABARONGO	1,045,186	1,326,672	1,086,239	960,562
GIHUMA	396,958	1,361,944	528,664	584,685
KADAHOKWA	601,848	981,239	1,139,473	1,168,307
CYUNYU	444,750	374,546	398,972	397,415
SHYOGWE	415,920	183,666		
MUHAZI	316,007	338,463	382,144	429,867
NYAMABUYE	322,359	291,979	316,039	312,042
RWASABURO	206,566	266,120	262,771	280,886
GISUMA	182,287	220,322	234,559	244,900
KANYABUSAGE	166,637	172,553	211,875	194,079
MPANGA	121,775	102,461	255,846	277,999
SEBEYA	112,830	112,600		
NYAGATARE			172,709	212,452
<b>TOTAL</b>	<b>15,460,609</b>	<b>16,389,092</b>	<b>17,118,567</b>	<b>20,886,099</b>
January	1,337,657	1,335,615	1,349,919	1,718,631
February	1,144,823	1,235,692	1,232,095	1,697,792
March	1,248,579	1,304,681	1,416,928	1,671,039
April	1,327,891	1,338,290	1,351,647	1,685,663
May	1,283,203	1,426,006	1,404,733	1,786,984
June	1,319,370	1,501,866	1,383,573	1,701,895
July	1,321,502	1,482,386	1,496,400	1,793,042
August	1,293,826	1,408,796	1,487,133	1,788,058
September	1,314,404	1,349,384	1,463,434	1,691,872
October	1,333,925	1,361,315	1,494,508	1,807,663
November	1,199,498	1,266,425	1,449,261	1,719,402
December	1,335,931	1,378,636	1,588,907	1,824,057
<b>TOTAL</b>	<b>15,460,609</b>	<b>16,389,092</b>	<b>17,118,536</b>	<b>20,886,098</b>

Source: RECO-RWASCO



## **Chapter 7: Transportation and Communication**

## 7.1. Transportation

**Table 7.1.1: Aircraft movements, commercial passengers and cargo**

<b>I: Aircraft Movements</b>	<b>2007</b>	<b>2008</b>
(a) Passenger and Combi (Combination) Aircrafts	5,422	7,719
(b) All Cargo Aircrafts	389	347
(c) Total Air Transport Movements	5,811	8,066
(d) General Aviation And Other Aircraft Movements	3,595	2,610
Total Aircraft Movements (c + d)	<b>9397</b>	<b>10676</b>
<b>II: Commercial Passengers</b>		
(a) International Passengers (emplaned + deplaned)	217409	247843
(b) Domestic Passengers (emplaned + deplaned)	4084	5588
(c) Total Terminal Passengers (a+b)	221493	253431
(d) Direct Transit Passengers	17416	22684
Total Passengers (c+d)	<b>238909</b>	<b>276115</b>
<b>III: Cargo (Freight &amp; Mail) in Metric Tones</b>		
(a) International Freight (loaded + unloaded)	5,006.68	6,022.72
(b) Domestic Freight (loaded + unloaded)	0.00	1.71
(c) Total Freight (loaded + unloaded)	5,006.68	0.00
(d) Total Mail (loaded + unloaded)	260.09	2,519.36
<b>Total Cargo (c+d)</b>	<b>5,266.77</b>	<b>2,519.36</b>

Source: Rwanda Civil Aviation Authority

**Table 7.1.2: Number of Registered Vehicles by category**

<b>Category</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
BUS	15	16	46	91
CAR	1796	889	1805	1922
HALF-TRAILER	13	12	12	23
JEEP	1793	676	1032	1327
MICROBUS	7	2	13	15
MINIBUS	724	279	212	657
MOTORCYCLE	4893	3347	5115	7735
PICK-UP	1497	859	1290	1225
SPECIAL ENGINE	26	14	83	62
TRAILER	56	68	120	49
TRUCK	276	171	301	198
UNKNOWN	-	1	1	1
<b>TOTAL</b>	<b>11096</b>	<b>6334</b>	<b>10030</b>	<b>13305</b>

Source :RRA

**Table 7.1.3: Access to air transport facilities/services**

Type	2005	2006	2007
Movements	10 130	60 052	10 711
Passengers	33 949	179 447	234 408
International	126 215	88 675	106 804
Domestic	64 158	201 333	85 640
Transit	6 401	5 132	17 416
Aerodromes	5	5	5
International	2	2	2
Domestic	3	3	3
Volume of Cargo	5 517	4 562	4 924

Source: MININFRA

**Table 7.1.4: Access to road transport facilities/service**

Type	2005	2006	2007	2008
Motorized transport (No)	39 082	46 759	55 801	-
Trucks	1500	1 706	1 822	-
Private vehicles	22 470	25 347	29 163	-
Passenger vehicles	3 404	3 758	3 999	-
Motorcycles	11 201	15 331	20 165	-
Special engines	76	93	97	-
Trailer & semi trailer	431	524	555	-
Volume of cargo (Tons)	1 100	-	-	-

Source: MININFRA

**Table 7.1.5: Transportation capacity in 2008 by type of transporting agency**

Transport agency	Number of passengers
STELLA	210,205
ONATRACOM	8,014,444
RCAA	276,115
ATRACO	179,137,442
VOLCANO	146,000
HORIZON	144,000
VIRUNGA EXPRESS	22,800
SOTRA	951,920
KIGALI SAFARI	43,800

Source: MININFRA

**Table 7.1.6: Total number of passengers by destination (ONATRACOM)**

Lines	2005	2006	2007	2008
Urban lines (Kigali-city)	-	1 200 750	2 406 865	-
Urban-province lines	-	366 172	1 350 976	-
Rural lines	-	2 064 047	3 112 787	-
<b>Total</b>	2 941 430	3 630 969	6 870 628	7 644 587

Source: ONATRACOM

**Table 7.1.7: Turnover by type of line (ONATRACOM)**

Year	2005	2006	2007	2008
<b>Total income in RWF</b>	2 362 741 727	3 478 910 745	5 267 762 025	6 913 914 916

Source: ONATRACOM

**Table 7.1.8: Number of vehicles (ONATRACOM)**

CATEGORY	2005	2006	2007	2008
<b>TOTAL</b>	65	122	174	173
Bus/Large Bus	62	96	125	125
Tow trucks	-	1	1	1
Pick up	1	1	2	3
Engine Special	-	-	-	-
Jeep	2	2	2	-
Minibus/ Medium bus	-	22	44	44

Source: ONATRACOM

## 7.2. Communication

**Table 7.2.1: Communication**

Indicators	Unit	2005	2006	2007	2008
Tele density (fixed lines)	%	0.27	0.23	0.25	0.15
Mobile phone penetration	%	1.59	2.5	6.83	14.75
Public payphones	Number	6 611	8 000	8 449	7244
Percentage of population covered by mobile cellular networks	%	80	85	90	92
Audio /visual Media: - Radio	Number	17	19	22	-
- Television	Number	1	1	2	-
Households with - Radio	%	46	53	60	-
- Television	%	2	2	9	-

Source: RURA

**Table 7.2.2: Number of phone subscribers**

Type	2005	2006	2007	2008
MTN R-CELL	219,657	314,201	608,832	1, 158,674
RWANDATEL (Mobile + Fixed)	23,601	35,172	48,948	180,733
.Mobile	0	18,651	26,305	163,963
.Fixed	23,601	16,521	22,643	16,770
<b>TOTAL</b>	<b>266,859</b>	<b>384,545</b>	<b>706,728</b>	<b>1, 520,140</b>

Source: RURA

**Table 7.2.3: Number of Internet subscribers by company**

Company	2005	2006	2007	2008 (end of September)
MTN	-	1,000	1,947	3,464
Rwandatel	2,484	2,058	3,498	4,175
NEW ARTEL	28	107	85	151
ISPA	-	-	22	67
ALTECH stream	-	-	-	35
Value Data Rwanda	-	-	-	22
<b>TOTAL</b>	<b>2,512</b>	<b>3,165</b>	<b>5,552</b>	<b>7,914</b>

Source: RURA

**Table 7.2.4: Access to post and courier service**

Type	Unit	2005	2006	2007	2008
Post services	Number	23	23	23	21
Courrier service providers	Number	3	3	3	-
Average area covered by each post office	Km <sup>2</sup>	1 197	1 186	1 145	-
Density per post office	People/1000	420	431	431	-
Private letter boxes	Number/1000	11	11	11	-
Volume of mail traffic:					
- Domestic correspondence	Number/1000	1 425	1 351	1 529	1 808
- International	Number/1000	723	846	638	
- Incoming	Number/1000	477	637	326	682
- Outgoing	Number/1000	246	209	313	301
Letter post	Millions	3	3	3	-
Financial services	Number	2	2	2	-

Source: ONP

## **Chapter 8: Travel and Tourism**

## 8.1 Travel

Table 8.1.1: Visitor Arrivals in Rwanda by Region and Mode of Transport (2007-2008)

2007	Region								Total Tourist Arrivals	
	Africa		America		Europe		Other			
	Number	%	Number	%	Number	%	Number	%	Number	%
Air	26,963	3.7	16,856	72.2	24,497	61.7	10,511	34.1	78,827	9.5
Land	705,501	96.3	6,493	27.8	15,210	38.3	20,344	65.9	747,548	90.5
<b>Total</b>	<b>732,464</b>	<b>100</b>	<b>23,349</b>	<b>100</b>	<b>39,707</b>	<b>100</b>	<b>30,855</b>	<b>100</b>	<b>826,375</b>	<b>100</b>
<b>2008</b>										
Air	39,383	4.6	21,630	60.3	27,542	54.9	11,727	38.6	100,282	10.2
Land	824,856	95.4	14,213	39.7	22,595	45.1	18,631	61.4	880,295	89.8
<b>Total</b>	<b>864,239</b>	<b>100</b>	<b>35,843</b>	<b>100</b>	<b>50,137</b>	<b>100</b>	<b>30,358</b>	<b>100</b>	<b>980,577</b>	<b>100</b>

Source: ORTPN &amp; Directorate General of Immigration and Emigration

**Table 8.1.2: Visitor Arrivals in Rwanda by Purpose of Visit and Mode of Transport (2007- 2008)**

Year/Mode	Holiday/Vacation		Visiting Friends & Relatives (VFR)		Business / Conference / Official		Transit		Other Purposes		Total Arrivals	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
<b>2007</b>												
Air	10,199	47.5	15,007	4.5	12,394	4.5	10,040	6.7	31,187	66.4	78,827	9.5
Land	11,293	52.5	316,955	95.5	263,443	95.5	140,085	93.3	15,772	33.6	747,548	90.5
<b>Total</b>	<b>21,492</b>	<b>100</b>	<b>331,962</b>	<b>100</b>	<b>275,837</b>	<b>100</b>	<b>150,125</b>	<b>100</b>	<b>46,959</b>	<b>100</b>	<b>826,375</b>	<b>100.0</b>
<b>2008</b>												
Air	21,238	35.7	18,449	7.4	47,803	13.8	12,317	4.0	475	2.5	100,282	10.2
Land	38,199	64.3	229,883	92.6	298,095	86.2	295,508	96.0	18,610	97.5	880,295	89.8
<b>Total</b>	<b>59,437</b>	<b>100</b>	<b>248,332</b>	<b>100</b>	<b>345,898</b>	<b>100</b>	<b>307,825</b>	<b>100</b>	<b>19,085</b>	<b>100</b>	<b>980,577</b>	<b>100.0</b>

Source: ORTPN &amp; Directorate General of Immigration and Emigration

**Table 8.1.3: Visitor Arrivals in Rwanda by Purpose of Visit in 2007**

Year/Region	Purpose of Visit						Total Arrivals					
	Holiday / Vacation		Visiting Friends & Relatives (VFR)		Business/ Conference / Official		Transit		Other Purposes			
	Number	%	Number	%	Number	%	Number	%	Number	%		
<b>2007</b>												
Africa	3,515	16.4	308,013	92.8	266,611	96.7	127,586	85.0	26,739	56.9	732,464	88.6
America	6,549	30.5	5,941	1.8	2,130	0.8	2,390	1.6	6,339	13.5	23,349	2.8
East Asia/Pacific	1,821	8.5	1,027	0.3	767	0.3	1,101	0.7	1,513	3.2	6,229	0.8
Europe	9,310	43.3	10,586	3.2	4,087	1.5	5,128	3.4	10,596	22.6	39,707	4.8
Middle East	46	0.2	640	0.2	374	0.1	288	0.2	524	1.1	1,872	0.2
South Asia	251	1.2	5,755	1.7	1,868	0.7	13,632	9.1	1,248	2.7	22,754	2.8
<b>Total 2007</b>	<b>21,492</b>	<b>100</b>	<b>331,962</b>	<b>100</b>	<b>275,837</b>	<b>100</b>	<b>150,125</b>	<b>100</b>	<b>46,959</b>	<b>100</b>	<b>826,375</b>	<b>100.0</b>

Source: ORTPN &amp; Directorate General of Immigration and Emigration



Table 8.1.3: Visitor Arrivals in Rwanda by Purpose of Visit (next)

Year/Region	Purpose of Visit												Total Arrivals	
	Holiday / Vacation		Visiting Friends & Relatives (VFR)		Business/ Conference / Official		Transit		Other Purposes		Total Arrivals			
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%		
<b>2008</b>														
Africa	22,520	37.9	228,977	92.2	10,199	89.7	283,905	92.2	18,638	97.7	864,239	88.1		
Americas	14,665	24.7	5,183	2.1	11,442	3.3	4,384	1.4	169	0.9	35,843	3.7		
East Asia/Pacific	2,525	4.2	806	0.3	3,042	0.9	902	0.3	31	0.2	7,306	0.7		
Europe	17,903	30.1	9,986	4.0	15,828	4.6	6,205	2.0	215	1.1	50,137	5.1		
Middle East	254	0.4	474	0.2	825	0.2	2,245	0.7	6	0.0	3,804	0.4		
South Asia	1,570	2.6	2,906	1.2	4,562	1.3	10,184	3.3	26	0.1	19,248	2.0		
<b>Total 2008</b>	<b>59,437</b>	<b>100</b>	<b>248,332</b>	<b>100</b>	<b>345,898</b>	<b>100</b>	<b>307,825</b>	<b>100</b>	<b>19,085</b>	<b>100</b>	<b>980,577</b>	<b>100.0</b>		

Source: ORTPN &amp; Directorate General of Immigration and Emigration

## 8.2 Tourism

**Table 8.2.1: Parks Visits 2005-2008**

Year	2005	2006	2007	2008
Volcanoes National Park	10,495	14,008	18,001	19,783
Akagera National Park	11,239	13,72	16,323	18,49
Nyungwe National Park	2,386	3,088	3,981	4,81
<b>Total visits</b>	<b>24,12</b>	<b>30,816</b>	<b>38,305</b>	<b>43,083</b>

Source: ORTPN

**Table 8.2.2: Number of Activities sold at National Parks by Park and Resident Group, 2008**

National Parks	Park Activities Undertaken							
	Rwandan Residents		Foreign Residents		Foreign Visits		Total Visits	
	N	%	N	%	N	%	N	%
Akagera National Park	8,884	90.7	2,217	70.6	7,389	24.5	18,490	43
Nyungwe National Park	330	3.4	475	15.1	4,005	13.3	4,810	11
Volcanoes National Park	576	5.9	450	14.3	18,757	62.2	19,783	46
<b>TOTAL</b>	<b>9,790</b>	<b>100</b>	<b>3,142</b>	<b>100</b>	<b>30,151</b>	<b>100.0</b>	<b>43,083</b>	<b>100</b>

Source: ORTPN

**Table 8.2.3: Number of activities sold at the national parks by resident group and park, 2008**

National Parks	Park Activities Undertaken							
	Akagera NP		Nyungwe NP		Volcanoes NP		Total Visits	
	N	%	N	%	N	%	N	%
Rwandan Residents	8,884	48.0	330	6.9	576	2.9	9,790	22.7
Foreign Residents	2,217	12.0	475	9.9	450	2.3	3,142	7.3
Foreign Visits	7,389	40.0	4,005	83.3	18,757	94.8	30,151	70.0
<b>TOTAL</b>	<b>18,490</b>	<b>100</b>	<b>4,810</b>	<b>100</b>	<b>19,783</b>	<b>100.0</b>	<b>43,083</b>	<b>100.0</b>

Source: ORTPN

**Table 8.2.4: Number of Hotels\* by district (2008)**

<b>DISTRICT</b>	<b>Total</b>
Bugesera	1
Burera	1
Gasabo	16
Gicumbi	1
Huye	5
Karongi	5
Kayonza	2
Kicukiro	1
Muhanga	2
Musanze	11
Nyagatare	1
Nyamagabe	1
Nyanza	1
Nyarugenge	14
Rubavu	10
Rusizi	5
Rwamagana	1
<b>Rwanda</b>	<b>78</b>

Source: RDB: \*Upper, lower and middle ranges included; plus some motels and guest houses.

## **Chapter 9: Income, Expenditure and Wealth**

## 9.1 National Accounts

Table 9.1.1: Macro-economic aggregates

Gross Domestic Product (FRw billions)	2005	2006	2007	2008
<b>GDP at current prices</b>	<b>1 440</b>	<b>1 716</b>	<b>2 046</b>	<b>2 579</b>
<i>Growth rate</i>	19%	19%	19%	26%
<b>GDP at constant 2006 prices</b>	<b>1 571</b>	<b>1 716</b>	<b>1 849</b>	<b>2 064</b>
<i>Growth rate</i>	9,4%	9,2%	7,7%	11,6%
<b>Implicit GDP deflator</b>	<b>92</b>	<b>100</b>	<b>111</b>	<b>125</b>
<i>Growth rate</i>	9%	9%	11%	13%
<b>GDP per head (in '000 FRw)</b>	<b>161</b>	<b>186</b>	<b>214</b>	<b>262</b>
<b>GDP per head (in current US dollars)</b>	<b>289</b>	<b>333</b>	<b>391</b>	<b>480</b>
<b>Proportions of GDP</b>				
<b>Total final consumption expenditure</b>				
Government	18,2%	18%	17%	15%
Private (includes changes in stock)	80%	80%	80%	78%
<b>Gross capital formation</b>	16%	16%	18%	23%
<b>Resource balance</b>	-14%	-14%	-15%	-16%
<b>Value added by</b>				
Agriculture	38%	38%	36%	32%
Industry	14%	14%	14%	15%
Services	41%	42%	45%	46%
Adjustments	6%	6%	6%	6%
<b>National income and expenditure (FRw billions)</b>				
<b>Gross Domestic Product at current prices</b>	<b>1 440</b>	<b>1 716</b>	<b>2 046</b>	<b>2 579</b>
Factor income from abroad, net	-15	-16	-9	-19
<b>Gross National Income</b>	<b>1 425</b>	<b>1 700</b>	<b>2 037</b>	<b>2 560</b>
Current transfers, net	177	139	198	244
<b>Gross National Disposable Income</b>	<b>1 602</b>	<b>1 839</b>	<b>2 235</b>	<b>2 804</b>
Less Final consumption expenditure	-1 411	-1 686	-1 975	-2 400
<b>Gross National Saving</b>	<b>191</b>	<b>153</b>	<b>260</b>	<b>404</b>
Less Gross capital formation	-227	-275	-369	-585
<b>Net lending to the rest of the world</b>	<b>-37</b>	<b>-122</b>	<b>-109</b>	<b>-181</b>
<b>Memorandum items</b>				
Total population (millions)	9,0	9,2	9,6	9,8
<i>Growth rate</i>	3,3%	3,3%	3,3%	2,9%
Exchange rate: FRw per US dollar	557	558	547	547
<i>Growth rate</i>	-3%	0%	-2%	0%

Source: NISR, Economic Statistics Department

**Table 9.1.2: Gross Domestic Product by Kind of Activity at current prices  
(in billion RWF)**

Description	2005	2006	2007	2008
<b>Gross Domestic Product</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>Agriculture</b>	<b>38%</b>	<b>38%</b>	<b>36%</b>	<b>32%</b>
Food crops	32%	32%	30%	27%
Export crops	1%	1%	1%	1%
Livestock	2%	2%	2%	2%
Forestry	2%	3%	3%	3%
Fisheries	0%	0%	0%	0%
<b>Industry</b>	<b>14%</b>	<b>14%</b>	<b>14%</b>	<b>15%</b>
Mining and quarrying	1%	1%	1%	1%
Manufacturing	7%	7%	6%	6%
Of which: Food	3%	3%	2%	3%
Beverages and tobacco	2%	2%	2%	2%
Textiles and clothing	0%	0%	0%	0%
Wood, paper and printing	0%	0%	0%	0%
Chemicals, rubber, plastics	0%	0%	0%	0%
Non metallic minerals	1%	1%	1%	1%
Furniture and other	0%	0%	0%	0%
Electricity and water	0%	0%	0%	0%
Construction	6%	6%	6%	8%
<b>Services</b>	<b>41%</b>	<b>42%</b>	<b>45%</b>	<b>46%</b>
Wholesale and retail trade	11%	11%	12%	14%
Hotels and restaurants	2%	2%	2%	2%
Transport, storage, communication	6%	7%	7%	8%
Finance, insurance	3%	3%	3%	2%
Real estate, business services	7%	7%	8%	9%
Public administration	5%	5%	5%	4%
Education	4%	4%	5%	4%
Health	1%	1%	1%	1%
Other personal services	1%	1%	1%	1%
<b>Adjustments</b>	<b>6%</b>	<b>6%</b>	<b>6%</b>	<b>6%</b>
Less: Imputed bank service charge	-1%	-1%	-2%	-2%
Plus: VAT and other taxes on products	8%	7%	7%	8%

Source: NISR, Economic Statistics Department

**Table 9.1.3: Gross Domestic Product by Kind of Activity at constant 2006 prices (in billion 2006 RWF)**

Description	2005	2006	2007	2008
<b>Gross Domestic Product</b>	<b>1 571</b>	<b>1 716</b>	<b>1 849</b>	<b>2 064</b>
<b>Agriculture</b>	<b>642</b>	<b>660</b>	<b>677</b>	<b>721</b>
Food crops	538	546	567	603
Export crops	19	25	18	23
Livestock	30	31	32	33
Forestry	48	52	53	55
Fisheries	6	6	6	6
<b>Industry</b>	<b>211</b>	<b>236</b>	<b>258</b>	<b>297</b>
Mining and quarrying	13	11	16	13
Manufacturing	103	117	118	124
Of which: Food	42	49	47	50
Beverages and tobacco	26	28	28	29
Textiles and clothing	7	8	9	9
Wood, paper and printing	5	6	7	8
Chemicals, rubber, plastics	6	7	8	8
Non metallic minerals	10	11	11	11
Furniture and other	6	7	9	10
Electricity and water	4	3	4	4
Construction	93	105	121	155
<b>Services</b>	<b>636</b>	<b>720</b>	<b>809</b>	<b>929</b>
Wholesale and retail trade	163	192	221	265
Hotels and restaurants	33	40	42	44
Transport, storage, communication	95	117	134	166
Finance, insurance	45	49	55	56
Real estate, business services	109	113	126	146
Public administration	79	87	92	96
Education	71	76	87	99
Health	21	23	26	29
Other personal services	19	23	26	27
<b>Adjustments</b>	<b>93</b>	<b>100</b>	<b>105</b>	<b>118</b>
Less: Imputed bank service charge	-21	-24	-29	-31
Plus: VAT and other taxes on products	114	124	133	149

Source: NISR, Economic Statistics Department

**Table 9.1.4: Gross Domestic Product by Kind of Activity Growth rates at constant 2006 prices (percentage change from previous year)**

Description	2005	2006	2007	2008
<b>Gross Domestic Product</b>	<b>9,4%</b>	<b>9,2%</b>	<b>7,7%</b>	<b>11,6%</b>
<b>Agriculture</b>	<b>6%</b>	<b>3%</b>	<b>3%</b>	<b>6,4%</b>
Food crops	8%	1%	4%	6,2%
Export crops	-22%	33%	-29%	29,3%
Livestock	4%	4%	5%	3,4%
Forestry	8%	8%	3%	2,7%
Fisheries	3%	3%	3%	2,7%
<b>Industry</b>	<b>9%</b>	<b>12%</b>	<b>9%</b>	<b>15,1%</b>
Mining and quarrying	30%	-14%	43%	-15,7%
Manufacturing	8%	13%	1%	5,6%
Of which: Food	12%	16%	-4%	7,6%
Beverages and tobacco	11%	7%	-2%	3,0%
Textiles and clothing	9%	15%	9%	-1,4%
Wood, paper and printing	36%	23%	18%	7,5%
Chemicals, rubber, plastics	8%	19%	1%	3,3%
Non metallic minerals	0%	7%	1%	5,0%
Furniture and other	-18%	21%	22%	10,9%
Electricity and water	-11%	-13%	5%	18,1%
Construction	9%	13%	15%	28,2%
<b>Services</b>	<b>12%</b>	<b>13%</b>	<b>12%</b>	<b>14,8%</b>
Wholesale and retail trade	13%	18%	15%	19,8%
Hotels and restaurants	37%	23%	3%	5,6%
Transport, storage, communication	17%	23%	15%	24,0%
Finance, insurance	1%	9%	12%	1,8%
Real estate, business services	8%	4%	11%	16,0%
Public administration	3%	9%	6%	4,9%
Education	18%	6%	15%	13,9%
Health	-3%	8%	14%	11,9%
Other personal services	34%	19%	14%	2,1%
<b>Adjustments</b>	<b>7%</b>	<b>8%</b>	<b>5%</b>	<b>12,1%</b>
Less: Imputed bank service charge	3%	12%	21%	9,9%
Plus: VAT and other taxes on products	6%	9%	8%	11,6%

Source: NISR, Economic Statistics Department



**Table 9.1.5: Gross Domestic Product by Kind of Activity / Deflators (2006=100)**

<b>Description</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Gross Domestic Product</b>	<b>92</b>	<b>100</b>	<b>111</b>	<b>125</b>
<b>Agriculture</b>	<b>86</b>	<b>100</b>	<b>108</b>	<b>116</b>
Food crops	87	100	109	115
Export crops	94	100	100	103
Livestock	93	100	102	125
Forestry	73	100	99	123
Fisheries	89	100	108	136
<b>Industry</b>	<b>96</b>	<b>100</b>	<b>111</b>	<b>129</b>
Mining and quarrying	79	100	132	187
Manufacturing	98	100	106	128
Of which: Food	94	100	105	129
Beverages and tobacco	104	100	112	143
Textiles and clothing	99	100	101	116
Wood, paper and printing	97	100	101	101
Chemicals, rubber, plastics	99	100	104	119
Non metallic minerals	103	100	107	121
Furniture and other	105	100	102	121
Electricity and water	75	100	224	127
Construction	95	100	109	125
<b>Services</b>	<b>94</b>	<b>100</b>	<b>113</b>	<b>129</b>
Wholesale and retail trade	96	100	109	135
Hotels and restaurants	97	100	117	132
Transport, storage, communication	95	100	108	118
Finance, insurance	92	100	107	115
Real estate, business services	96	100	137	162
Public administration	94	100	106	116
Education	82	100	108	108
Health	99	100	114	124
Other personal services	95	100	103	112
<b>Adjustments</b>	<b>96</b>	<b>100</b>	<b>114</b>	<b>139</b>
Less: Imputed bank service charge	92	100	109	127
Plus: VAT and other taxes on products	95	100	113	137

Source: NISR, Economic Statistics Department

**Table 9.1.6: Expenditure on GDP in current prices (in billion RWF)**

Description	2005	2006	2007	2008
<b>Total final consumption expenditure</b>	<b>1 411</b>	<b>1 686</b>	<b>1 975</b>	<b>2 400</b>
Government	262	312	338	378
Private (includes changes in stock)	1 149	1 374	1 637	2 022
<b>Gross capital formation</b>	<b>227</b>	<b>275</b>	<b>369</b>	<b>585</b>
Gross fixed capital formation	227	275	369	585
Construction	166	204	257	382
Durable capital goods	61	71	112	203
<b>Resource balance</b>	<b>-199</b>	<b>-244</b>	<b>-298</b>	<b>-406</b>
<b>Exports of goods and services</b>	<b>165</b>	<b>190</b>	<b>224</b>	<b>372</b>
Goods (fob)	67	79	93	142
Services	97	111	132	230
<b>Imports of goods and services</b>	<b>363</b>	<b>434</b>	<b>523</b>	<b>778</b>
Goods (fob)	205	250	324	493
Services	158	184	199	285
<b>in constant 2006 prices</b>				
<b>Gross Domestic Product</b>	<b>1 575</b>	<b>1 716</b>	<b>1 849</b>	<b>2 064</b>
<b>Total final consumption expenditure</b>	<b>1 487</b>	<b>1 686</b>	<b>1 819</b>	<b>1 928</b>
Government	285	312	333	365
Private (includes changes in stock)	1 201	1 374	1 486	1 562
<b>Gross capital formation</b>	<b>234</b>	<b>275</b>	<b>344</b>	<b>455</b>
Gross fixed capital formation	234	275	344	455
Construction	175	204	236	306
Durable capital goods	59	71	108	149
<b>Resource balance</b>	<b>-156</b>	<b>-244</b>	<b>-314</b>	<b>-318</b>
<b>Exports of goods and services</b>	<b>184</b>	<b>190</b>	<b>194</b>	<b>267</b>
Goods (fob)	79	79	74	83
Services	106	111	121	183
<b>Imports of goods and services</b>	<b>334</b>	<b>434</b>	<b>509</b>	<b>585</b>
Goods (fob)	189	250	313	369
Services	146	184	195	215

Source: NISR, Economic Statistics Department

**Table 9.1.7: Gross Domestic Product by Production Mode in current prices (in billion RWF)**

Description	2006	2007	2008
<b>Gross Domestic Product</b>	<b>1 716</b>	<b>2 046</b>	<b>2 579</b>
<b>Formal sector</b>	<b>350</b>	<b>442</b>	<b>600</b>
Industry	64	84	112
Services	186	238	324
Adjustments	100	119	164
<b>Informal sector (monetary)</b>	<b>823</b>	<b>941</b>	<b>1 225</b>
Agriculture	410	441	528
Industry	149	175	239
Services	264	325	457
<b>Non-monetary</b>	<b>358</b>	<b>442</b>	<b>498</b>
Agriculture	249	288	306
Industry	23	26	31
Services	85	127	161
<b>Government and NGOs</b>	<b>185</b>	<b>222</b>	<b>256</b>
Services	185	222	256
Services	11%	11%	10%

Source: NISR, Economic Statistics Department

**Table 9.1.8: Gross Domestic Product by Production Mode in current prices (in percentages)**

Description	2006	2007	2008
<b>Gross Domestic Product</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>Formal sector</b>	<b>20%</b>	<b>22%</b>	<b>23%</b>
Industry	4%	4%	4%
Services	11%	12%	13%
Adjustments	6%	6%	6%
<b>Informal sector (monetary)</b>	<b>48%</b>	<b>46%</b>	<b>48%</b>
Agriculture	24%	22%	20%
Industry	9%	9%	9%
Services	15%	16%	18%
<b>Non-monetary</b>	<b>21%</b>	<b>22%</b>	<b>19%</b>
Agriculture	15%	14%	12%
Industry	1%	1%	1%
Services	5%	6%	6%
<b>Government and NGOs</b>	<b>11%</b>	<b>11%</b>	<b>10%</b>

Source: NISR, Economic Statistics Department

## **Chapter 10: Price Indexes**

**10.1 Price indexes**  
**Table 10.1.1: Monthly Evolution of Consumer Price Index / year 2003=100**

Division	Weights	Dec.06	Jan.07	Feb.07	Mar.07	Apr.07	May.07	June.07	July.07	Aug.07	Sept.07	Oct.07	Nov.07	Dec.07
Food and non-alcoholic beverages	3709	151.4	155.1	158.7	159.6	157.5	150.9	148.8	150.6	155.2	157.9	157.9	157.7	152.8
-Bread and cereals	625	153.7	154.7	155.4	155.7/3	154.2	151.1	147.9	146	148	149.7	150	154.4	155.3
-Meat	345	120.6	125.6	120.4	119.7	119.2	118.4	119.5	119.8	121.3	120.9	121.9	123.4	125.1
-Fish	114	142.3	141.3	143.9	154	155.2	154	153.7	154.7	151.2	150.3	159.4	157	151.8
-Vegetables	1332	167.8	176.5	187.2	188.5	185.4	168.4	164.3	169.4	178.7	182.3	181.5	179.4	162.7
-Non alcoholic beverages	180	124.9	124.6	129.8	129	131.1	131	131.9	131.7	132.6	132.8	132.5	132.7	133.2
Alcoholic Beverages and tobacco	221	117.6	119.3	131.7	127.6	126.8	127.8	127.9	129	128.3	127.7	129.2	128.5	128
Clothing and footwear	500	105.6	105.8	106.5	104.2	104.2	103.8	104.6	108.5	109.8	108.5	109.2	108.4	108.5
Housing, Water, Electricity, Gas and Other Fuels	1 579	161.5	168	167.8	189.6	187.9	191.7	191.3	192.5	192.2	192.6	192	193	192.4
Furnishing, household equipment and routine household maintenance	764	117.2	117.3	118.4	117.3	118	119.1	118.9		119.9	119.7	120.5	120.8	121.1
Health	708	109.8	113.9	120.2	119.4	122.7	122.5	122.2	123	122.1	122.5	122.7	123.9	124
Transport	987	122	122.5	122.7	123	123.2	123.4	123.5	123.6	123.6	123.6	124.4	125.3	130.7
Communication	37	135.9	135	135.3	135.3	135.3	135.3	135.3	135.3	135.3	135.3	135.3	136.2	140.2
Recreation and culture	206	113.4	113.6	112.7	113.4	108.5	107	107.6	107.7	106.6	107.4	108	108.4	108.6
Education	432	139.5	139.5	156.1	156.1	156.5	155.8	155.9	156.1	156.1	156.1	156.1	156.1	153.4
Restaurants and hotels	273	125.6	128.9	135.2	135.8	144.5	148	148.6	142.1	142.1	144.6	142.8	139	139.1
Miscellaneous goods and services	584	109.7	109.4	108.8	109.3	111.1	106.4	107.9	109.9	110.2	110.9	111.2	111.3	112.4
<b>GENERAL INDEX</b>	<b>10 000</b>	<b>137</b>	<b>140</b>	<b>142.9</b>	<b>146.4</b>	<b>145.9</b>	<b>143.9</b>	<b>143.2</b>	<b>144.3</b>	<b>146</b>	<b>147.1</b>	<b>147.2</b>	<b>147.4</b>	<b>146</b>
Monthly changes		0.9	2.2	2.1	2.5	-0.3	-1.4	-0.5	0.8	1.2	0.7	0.1	0.1	-0.9
Changes over 12 months		12.1	12.6	10.9	12	10.1	5.8	7.3	8.2	8.4	8	2.9	8.6	6.6

Source: NBR, Economic Statistics Department

**Table 10.1.2: Monthly Evolution of Consumer Price Index / year 2003=100**

Division	Weights	Jan.08	Febr.08	Mar.08	Apr.08	May.08	June.08	July.08	Aug.08	Sept.08	Oct.08	Nov.08	Dec.08
Food and non-alcoholic beverages	3709	156.1	159.4	162.3	166.9	168.7	177.7	185.2	191	195.5	201.1	203.3	200
-Bread and cereals	625	162.2	164.8	164.3	171	175	187.1	192.4	197.8	202.5	214.6	219.7	223.2
-Meat	345	128.2	131.6	134.6	141.7	149.5	153.7	157.1	162.3	171.1	179	183.8	190
-Fish	114	149.8	156	168	184.5	185.3	192.7	217.9	212.3	203	210.4	207.6	207
-Vegetables	1332	164.2	165.9	167.1	161.8	161.8	176.9	185.3	192.9	196.3	202.6	205.3	191.7
Non alcoholic beverages	180	137.6	138.1	136.9	137.3	140.5	140.5	145.9	153.9	159.2	159	159.5	160.4
Alcoholic Beverages and tobacco	221	129.4	134.6	142.6	144.2	144.6	145.2	145.9	165.8	168.5	171.6	173.1	173.4
Clothing and footwear	500	108.7	110.6	111	110.2	110.1	112.1	112.2	111.3	112.9	113.2	112.7	113.8
Housing, Water, Electricity, Gas and Other Fuels	1 579	192.9	195.1	216.5	230.8	219.9	214.5	22.7	232.7	232.5	233.2	236.9	233.6
Furnishing, household equipment and routine household maintenance	764	121.4	-	-	-	-	-	-	-	-	-	-	-
Health	708	124.6	125.5	124.8	126.1	128.9	133.1	136.3	138.2	138.2	140.2	138.9	139.3
Transport	987	136.8	142.9	143.9	144.7	146.6	149.7	159.1	159.6	160.1	153	148.2	146.7
Communication	37	141.6	121.5	121.4	121.4	120.5	120.4	120.4	120.4	120.4	120.4	119.5	120.1
Recreation and culture	206	107.9	145.6	146	149	154.4	159.2	164.9	165.7	167.8	169.4	173.8	174
Education	432	175.3	-	-	-	-	-	-	-	-	-	-	-
Restaurants and hotels	273	139.9	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous goods and services	584	113.4	114.6	116.4	116.3	117.8	118.5	119.7	118.8	120	123.2	121.3	121.3
<b>GENERAL INDEX</b>	<b>10 000</b>	<b>149</b>	<b>151.9</b>	<b>157.4</b>	<b>162.1</b>	<b>161.8</b>	<b>165.2</b>	<b>170.7</b>	<b>175.2</b>	<b>177.3</b>	<b>179.5</b>	<b>180.3</b>	<b>178.6</b>
Monthly changes		2.1	1.9	3.7	3	-0.2	2.1	3.3	2.6	1.2	1.2	0.5	-0.9
Changes over 12 months		6.5	6.3	7.5	11.1	12.4	15.4	18.3	20	20.5	21.9	22.3	22.3

Source: NBR, Economic Statistics Department

**Table 10.1.3: Monthly (M) and Annual (A) evolution of CPI**

Monthly and Annual CPI		2005	2006	2007	2008
January	M	64.90	68.24	76.85	81.79
	A	62.0	67.3	73.7	80.0
February	M	65.63	70.72	78.43	83.37
	A	62.6	67.8	74.3	80.4
March	M	67.21	71.75	80.37	86.42
	A	63.2	68.1	75.1	80.9
April	M	67.69	72.73	80.10	88.99
	A	63.9	68.6	75.7	81.7
May	M	67.36	72.61	79.00	88.82
	A	64.4	69.0	76.2	82.5
June	M	67.02	73.23	78.60	90.68
	A	65.0	69.5	76.7	83.5
July	M	67.01	73.22	79.23	93.71
	A	65.5	70.0	77.2	84.7
August	M	67.80	73.98	80.16	96.18
	A	65.9	70.5	77.7	86.0
September	M	68.41	74.75	80.76	97.35
	A	66.3	71.1	78.2	87.4
October	M	67.71	74.89	80.82	98.52
	A	66.6	71.7	78.7	88.9
November	M	66.94	74.52	80.90	98.98
	A	66.8	72.3	79.2	90.4
December	M	67.04	75.20	80.15	98.04
	A	67.1	73.0	79.6	91.9

Source: NISR, Department of Economic Statistics, 2009

**NB:** For Monthly CPI, February 2009 CPI=100  
For Annual CPI, July 2009 CPI=100

**Table: 10.1.4. Monthly Producer Price Indices by Activity Group, 2005-Manufacturing Sector**  
**Goods Produced mainly for local sales (Base Period: Fourth quarter 2003 =100)**

Activity group	Weight	Jan.05	Feb.05	Mar.05	Apr.05	May.05	Jun.05	Jul.05	Aug.05	Sept.05	Oct.05	Nov.05	Dec.05
<b>PPI for Mainly Local Sold products</b>	<b>1000</b>	<b>114.2</b>	<b>116.5</b>	<b>116.8</b>	<b>118.0</b>	<b>117.93</b>	<b>117.26</b>	<b>116.8</b>	<b>116.7</b>	<b>117.91</b>	<b>118.0</b>	<b>117.8</b>	<b>117.5</b>
<b>Food Products, Beverages and Tobacco</b>	<b>456</b>	<b>109.3</b>	<b>111.4</b>	<b>112.0</b>	<b>113.9</b>	<b>113.6</b>	<b>113.2</b>	<b>112.2</b>	<b>112.3</b>	<b>112.0</b>	<b>111.4</b>	<b>111.4</b>	<b>110.7</b>
<b>Food Products</b>	<b>129</b>	<b>120.4</b>	<b>128.1</b>	<b>130.2</b>	<b>137.0</b>	<b>135.6</b>	<b>133.0</b>	<b>134.6</b>	<b>132.9</b>	<b>132.1</b>	<b>130.0</b>	<b>129.9</b>	<b>127.6</b>
Production, processing and preserving of meat and meat products	3	109.5	109.5	109.5	109.5	109.5	109.5	125.5	125.5	125.5	130.6	140.1	140.1
Processing and preserving of fruits and vegetables	8	119.8	119.8	119.8	120.9	120.9	120.9	122.4	130.1	130.1	130.4	130.4	130.4
Manufacture of dairy products	32	112.5	112.5	112.5	115.8	115.8	115.8	134.7	134.7	134.7	137.2	133.4	133.4
Manufacture of grain mill and animal feeds products	27	116.4	116.3	115.4	115.4	115.5	114.6	113.7	113.8	113.8	113.1	112.9	112.8
Manufacture of bakery products, pastry, biscuits	13	126.7	126.7	127.1	128.3	128.3	128.3	128.3	128.1	127.9	127.9	127.9	127.8
Manufacture of sugar	45	127.3	149.3	155.9	172.3	168.5	161.3	151.9	145.6	143.2	135.5	137.4	130.8
<b>Beverages and Tobacco</b>	<b>327</b>	<b>104.8</b>	<b>104.8</b>	<b>104.8</b>	<b>104.8</b>	<b>104.8</b>	<b>105.3</b>	<b>103.3</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>
Manufacture of beer, soft drinks and tobacco	327	104.8	104.8	104.8	104.8	104.8	105.3	103.3	104.1	104.1	104.1	104.1	104.1
<b>Others than Food, Beverages and Tobacco</b>	<b>544</b>	<b>118.4</b>	<b>120.8</b>	<b>120.9</b>	<b>121.5</b>	<b>121.6</b>	<b>120.7</b>	<b>120.6</b>	<b>120.4</b>	<b>122.8</b>	<b>123.4</b>	<b>123.2</b>	<b>123.2</b>
Manufacture of textiles, wearing apparel, tanning and dressing of leather	47	122.1	122.3	122.3	122.3	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5
Manufacture of paper and paper products, publishing of books, newspapers	40	110.3	109.9	109.9	119.5	119.8	119.4	120.8	120.6	122.8	122.6	121.0	120.3
Manufacture of chemical products	172	111.3	118.6	118.7	118.4	118.5	116.4	115.9	115.7	115.2	117.1	117.1	117.1
Manufacture of plastic products	45	128.4	128.4	128.4	127.9	126.5	123.8	123.5	122.8	122.6	121.0	119.7	119.8
Manufacture of other non-metallic mineral products	126	117.3	117.9	117.9	117.9	118.5	118.5	118.5	118.5	129.0	129.0	129.0	129.0
Manufacture of fabricated metal products	70	136.7	136.7	136.7	136.7	136.7	136.9	136.9	136.9	136.8	137.7	137.7	137.7
Manufacture of furniture	43	113.3	113.3	113.3	114.1	114.1	114.1	113.6	113.6	113.8	113.8	113.8	113.8

Source: NISR, Quarterly Producer Price Survey- Manufacturing sector

**Table: 10.1.5. Monthly Producer Price Indices by Activity Group, 2006-Manufacturing Sector**



**Goods Produced mainly for local sales (Base Period: Fourth quarter 2003 =100)**

Activity group	Weight	Jan.06	Feb.06	Mar.06	Apr.06	May.06	Jun.06	Jul.06	Aug.06	Sept.06	Oct.06	Nov.06	Dec.06
<b>PPI for Mainly Local Sold products</b>	<b>1000</b>	<b>118.3</b>	<b>119.5</b>	<b>119.6</b>	<b>121.0</b>	<b>121</b>	<b>122.7</b>	<b>121.3</b>	<b>121</b>	<b>120.8</b>	<b>123.8</b>	<b>124</b>	<b>123.2</b>
<b>Food Products, Beverages and Tobacco</b>	<b>456</b>	<b>111.0</b>	<b>112.5</b>	<b>114.0</b>	<b>116.6</b>	<b>115.7</b>	<b>116.4</b>	<b>117.6</b>	<b>117.4</b>	<b>115.8</b>	<b>115.7</b>	<b>116.0</b>	<b>115.8</b>
<b>Food Products</b>	<b>129</b>	<b>128.3</b>	<b>133.8</b>	<b>139.0</b>	<b>148.1</b>	<b>145.1</b>	<b>147.4</b>	<b>151.6</b>	<b>150.8</b>	<b>145.3</b>	<b>145.0</b>	<b>146.1</b>	<b>145.1</b>
Production, processing and preserving of meat and meat products	3	140.1	140.1	140.1	137.0	137.0	137.0	143.1	143.1	143.1	149.5	149.5	149.5
Processing and preserving of fruits and vegetables	8	136.8	136.8	136.8	136.8	136.8	136.8	141.1	141.1	141.1	141.1	141.2	144.0
Manufacture of dairy products	32	131.3	131.3	131.3	138.9	138.9	138.9	141.1	141.1	141.1	142.2	142.2	139.1
Manufacture of grain mill and animal feeds products	27	115.2	115.2	115.5	117.7	117.9	120.0	124.7	124.6	132.4	129.8	129.8	129.0
Manufacture of bakery products, pastry, biscuits	13	127.9	127.9	128.7	128.7	128.5	128.0	128.0	127.9	127.9	128.8	129.1	129.3
Manufacture of sugar	45	131.7	147.3	162.0	181.3	172.7	178.3	184.7	182.6	162.0	161.4	164.2	163.5
<b>Beverages and Tobacco</b>	<b>327</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>	<b>104.1</b>
Manufacture of beer, soft drinks and tobacco	327	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
<b>Others than Food, Beverages and Tobacco</b>	<b>544</b>	<b>124.4</b>	<b>125.4</b>	<b>124.3</b>	<b>124.7</b>	<b>125.4</b>	<b>127.9</b>	<b>124.3</b>	<b>124.9</b>	<b>124.9</b>	<b>130.6</b>	<b>130.8</b>	<b>129.4</b>
Manufacture of textiles, wearing apparel, tanning and dressing of leather	47	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
Manufacture of paper and paper products, publishing of books, newspapers	40	122.2	120.8	121.9	120.6	120.5	120.4	119.1	125.1	125.2	122.9	122.2	120.7
Manufacture of chemical products	172	116.4	120.1	116.1	116.8	116.5	121.6	108.7	108.9	108.8	121.2	121.7	117.3
Manufacture of plastic products	45	125.4	124.3	124.7	125.8	128.1	127.6	134.0	134.6	134.4	136.4	137.8	139.8
Manufacture of other non-metallic mineral products	126	129.0	129.0	129.0	129.0	129.0	129.0	129.0	129.0	129.0	138.6	138.6	138.6
Manufacture of fabricated metal products	70	144.0	144.0	144.1	144.1	148.8	155.8	155.4	156.0	156.1	152.1	152.1	152.1
Manufacture of furniture	43	113.8	113.8	113.8	117.2	117.2	117.2	118.7	118.7	118.7	118.7	118.7	118.7

Source: NISR, Quarterly Producer Price Survey- Manufacturing sector

**Table: 10.1.6. Monthly Producer Price Indices by Activity Group, 2006-Manufacturing Sector - Goods Produced mainly for local sales (Base Period: Fourth quarter 2003 =100)**

Activity group	Weight	Jan.07	Feb.07	Mar.07	Apr.07	May.07	Jun.07	Jul.07	Aug.07	Sept.07	Oct.07	Nov.07	Dec.07
<b>PPI for Mainly Local Sold products</b>	<b>1000</b>	<b>126.2</b>	<b>125.9</b>	<b>126.1</b>	<b>126.6</b>	<b>126.6</b>	<b>126.6</b>	<b>127.5</b>	<b>127.4</b>	<b>128.0</b>	<b>129.0</b>	<b>130.0</b>	<b>130.0</b>
<b>Food Products, Beverages and Tobacco</b>	<b>456</b>	<b>121.9</b>	<b>121.7</b>	<b>121.7</b>	<b>122.6</b>	<b>122.7</b>	<b>122.4</b>	<b>123.1</b>	<b>122.6</b>	<b>122.6</b>	<b>122.8</b>	<b>122.7</b>	<b>123.1</b>
<b>Food Products</b>	<b>129</b>	<b>144.1</b>	<b>143.6</b>	<b>143.6</b>	<b>146.5</b>	<b>146.9</b>	<b>146.1</b>	<b>148.6</b>	<b>146.7</b>	<b>146.6</b>	<b>147.5</b>	<b>147.0</b>	<b>148.6</b>
Production, processing and preserving of meat and meat products	3	149.5	149.5	149.5	166.8	166.8	166.8	170.6	170.6	170.6	170.6	170.6	170.6
Processing and preserving of fruits and vegetables	8	143.6	143.7	143.7	143.9	143.9	143.9	143.9	143.9	143.9	145.4	145.4	145.4
Manufacture of dairy products	32	139.1	139.1	139.1	142.5	142.5	148.9	148.9	148.9	148.9	148.9	149.6	149.6
Manufacture of grain mill and animal feeds products	27	128.3	128.3	129.0	127.4	127.4	127.4	145.3	145.6	145.9	152.8	153.1	153.1
Manufacture of bakery products, pastry, biscuits	13	129.3	129.3	129.1	143.7	143.7	143.7	135.3	135.4	135.4	136.9	141.5	161.8
Manufacture of sugar	45	161.1	159.8	159.4	160.8	161.9	155.0	153.6	148.1	147.5	145.2	141.8	140.3
<b>Beverages and Tobacco</b>	<b>327</b>	<b>113.0</b>	<b>113.0</b>	<b>113.0</b>	<b>113.0</b>	<b>113.0</b>	<b>113.0</b>	<b>113.0</b>	<b>113.0</b>	<b>113.0</b>	<b>113.0</b>	<b>113.0</b>	<b>113.0</b>
Manufacture of beer, soft drinks and tobacco	327	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
<b>Others than Food, Beverages and Tobacco</b>	<b>544</b>	<b>129.9</b>	<b>129.5</b>	<b>129.8</b>	<b>130.0</b>	<b>130.0</b>	<b>130.0</b>	<b>131.1</b>	<b>131.4</b>	<b>132.5</b>	<b>134.1</b>	<b>136.1</b>	<b>135.7</b>
Manufacture of textiles, wearing apparel, tanning and dressing of leather	47	123.2	123.2	123.2	123.2	123.2	123.2	125.7	125.7	125.8	126.0	126.0	126.0
Manufacture of paper and paper products, publishing of books, newspapers	40	121.9	121.9	122.3	122.6	122.6	122.6	122.6	123.5	122.8	122.4	122.9	121.9
Manufacture of chemical products	172	117.8	117.5	117.5	117.8	117.6	117.4	117.7	118.0	121.3	122.6	128.2	128.2
Manufacture of plastic products	45	139.1	134.0	137.0	135.0	135.0	135.0	137.1	137.2	137.8	139.4	141.6	139.8
Manufacture of other non-metallic mineral products	126	138.6	138.6	138.6	138.6	138.6	139.2	139.2	139.6	140.3	140.4	140.4	140.4
Manufacture of fabricated metal products	70	152.8	153.2	153.2	152.9	152.9	152.9	157.0	157.0	157.0	157.9	157.7	156.5
Manufacture of furniture	43	121.6	121.6	122.2	126.1	125.9	125.9	127.0	127.0	125.5	137.8	137.8	137.8

Source: NISR, Quarterly Producer Price Survey- Manufacturing sector

**Table: 10. 1.7. Monthly Producer Price Indices by Activity Group, 2006-Manufacturing Sector  
Goods Produced mainly for local sales (Base Period: Fourth quarter 2003 =100)**

Activity group	Weight	Jan.08	Feb.08	Mar.08	Apr.08	May.08	Jun.08	Jul.08	Aug.08	Sept.08	Oct.08	Nov.08	Dec.08
<b>PPI for Mainly Local Sold products</b>	<b>1000</b>	<b>134.5</b>	<b>135.9</b>	<b>136.5</b>	<b>139.6</b>	<b>141.0</b>	<b>146.7</b>	<b>156.7</b>	<b>157.8</b>	<b>157.9</b>	<b>168.0</b>	<b>158.7</b>	<b>158.4</b>
<b>Food Products, Beverages and Tobacco</b>	<b>456</b>	<b>126.1</b>	<b>127.2</b>	<b>127.3</b>	<b>129.9</b>	<b>132.0</b>	<b>133.7</b>	<b>150.7</b>	<b>152.5</b>	<b>152.7</b>	<b>152.8</b>	<b>153.5</b>	<b>152.8</b>
<b>Food Products</b>	<b>129</b>	<b>153.3</b>	<b>157.1</b>	<b>157.3</b>	<b>168.2</b>	<b>169.5</b>	<b>175.3</b>	<b>179.7</b>	<b>185.8</b>	<b>186.5</b>	<b>186.9</b>	<b>189.4</b>	<b>187.0</b>
Production, processing and preserving of meat and meat products	3	175.7	175.7	175.7	175.8	175.8	175.8	188.5	188.5	188.5	220.9	220.9	220.9
Processing and preserving of fruits and vegetables	8	145.7	145.7	145.7	145.7	145.7	145.7	145.7	151.2	151.2	156.7	156.7	156.9
Manufacture of dairy products	32	155.7	155.7	155.7	155.7	155.7	155.7	172.6	202.7	202.7	198.0	198.0	198.0
Manufacture of grain mill and animal feeds products	27	155.7	156.4	156.8	159.1	160.5	160.8	166.5	164.0	170.3	171.3	186.1	185.9
Manufacture of bakery products, pastry, biscuits	13	186.4	186.3	186.3	189.6	198.6	199.2	199.9	200.6	200.6	203.9	203.9	203.9
Manufacture of sugar	45	140.3	150.8	151.1	179.9	179.9	196.2	192.4	188.7	187.2	186.7	184.9	178.2
<b>Beverages and Tobacco</b>	<b>327</b>	<b>115.4</b>	<b>115.4</b>	<b>115.4</b>	<b>114.6</b>	<b>117.2</b>	<b>117.2</b>	<b>139.2</b>	<b>139.3</b>	<b>139.3</b>	<b>139.3</b>	<b>139.3</b>	<b>139.3</b>
Manufacture of beer, soft drinks and tobacco	327	115.4	115.4	115.4	114.6	117.2	117.2	139.2	139.3	139.3	139.3	139.3	139.3
<b>Others than Food, Beverages and Tobacco</b>	<b>544</b>	<b>141.6</b>	<b>143.2</b>	<b>144.1</b>	<b>147.8</b>	<b>148.4</b>	<b>157.5</b>	<b>161.8</b>	<b>162.3</b>	<b>162.3</b>	<b>180.8</b>	<b>163.1</b>	<b>163.0</b>
Manufacture of textiles, wearing apparel, tanning and dressing of leather	47	137.4	137.9	138.1	138.1	144.3	145.4	145.6	146.1	147.2	146.6	146.4	146.7
Manufacture of paper and paper products, publishing of books, newspapers	40	121.7	122.4	122.6	124.4	124.3	123.7	123.7	123.3	122.6	367.3	123.5	126.4
Manufacture of chemical products	172	136.1	138.2	138.2	137.4	137.7	138.5	138.7	138.7	138.7	139.0	139.0	138.6
Manufacture of plastic products	45	139.8	142.8	142.8	148.5	148.5	148.5	169.5	169.5	169.5	169.5	169.5	169.5
Manufacture of other non-metallic mineral products	126	140.8	140.8	141.7	142.6	142.6	180.7	180.7	182.4	182.4	182.2	182.4	182.4
Manufacture of fabricated metal products	70	171.3	176.0	181.4	204.7	204.7	204.4	218.5	218.5	218.5	218.5	218.5	218.5
Manufacture of furniture	43	142.3	142.4	142.4	144.3	144.3	144.4	152.2	152.8	152.8	156.9	161.4	159.4

Source: NISR, Quarterly Producer Price Survey- Manufacturing sector

**Table: 10.1.8. Monthly Producer Price Indices by Activity Group, Manufacturing Sector**  
**Goods Produced mainly for export (Base Period: Fourth quarter 2003 =100)**

Activity group	Weight	Jan.05	Feb.05	Mar.05	Apr.05	May.05	Jun.05	Jul.05	Aug.05	Sept.05	Oct.06	Nov.05	Dec.05
<b>PPI for Mainly Export Products</b>	<b>1000</b>	<b>126.6</b>	<b>126.2</b>	<b>140.2</b>	<b>137.9</b>	<b>143.2</b>	<b>147</b>	<b>139.1</b>	<b>141.5</b>	<b>136.1</b>	<b>134.7</b>	<b>136.5</b>	<b>128.6</b>
<b>Manufacture of other food products n.c.e</b>	<b>978</b>	<b>127.2</b>	<b>126.8</b>	<b>141.2</b>	<b>138.8</b>	<b>144.2</b>	<b>148.4</b>	<b>142.5</b>	<b>137.0</b>	<b>137.0</b>	<b>135.5</b>	<b>137.4</b>	<b>129.4</b>
Production of tea	585	107.8	106.0	105.6	96.6	95.9	100.0	91.1	94.1	94.0	98.3	93.1	96.8
Production of coffee	392	156.2	158.0	194.2	201.8	216.4	220.6	213.0	214.8	201.1	190.9	203.5	177.9
<b>Manufacture of pesticides and other agro-chemical products</b>	<b>22</b>	<b>99.1</b>	<b>99.1</b>	<b>99.1</b>	<b>99.1</b>	<b>99.1</b>	<b>99.1</b>	<b>97.4</b>	<b>97.4</b>	<b>97.4</b>	<b>97.4</b>	<b>97.4</b>	<b>97.4</b>
Production of pyrethrum	22	99.1	99.1	99.1	99.1	99.1	99.1	97.4	97.4	97.4	97.4	97.4	97.4

Source: NISR, Quarterly Producer Price Survey- Manufacturing sector

**Table: 10.1.9. Monthly Producer Price Indices by Activity Group, Manufacturing Sector**  
**Goods Produced mainly for export (Base Period: Fourth quarter 2003 =100)**

Activity group	Weight	Jan.06	Feb.06	Mar.06	Apr.06	May.06	Jun.06	Jul.06	Aug.06	Sept.06	Oct.06	Nov.06	Dec.06
<b>PPI for Mainly Export Products</b>	<b>1000</b>	<b>137.0</b>	<b>147.6</b>	<b>147.1</b>	<b>150.4</b>	<b>151.5</b>	<b>156.1</b>	<b>160.9</b>	<b>158.2</b>	<b>152.3</b>	<b>146.3</b>	<b>146.6</b>	<b>151.3</b>
<b>Manufacture of other food products n.c.e</b>	<b>978</b>	<b>137.9</b>	<b>148.7</b>	<b>148.2</b>	<b>151.6</b>	<b>152.7</b>	<b>157.4</b>	<b>162.4</b>	<b>159.6</b>	<b>153.6</b>	<b>147.5</b>	<b>147.9</b>	<b>152.6</b>
Production of tea	585	105.1	120.9	119.2	126.3	129.0	132.2	135.0	130.3	120.8	108.0	106.3	114.3
Production of coffee	392	186.9	190.2	191.3	189.3	188.0	195.0	203.4	203.4	202.6	206.4	209.9	209.7
<b>Manufacture of pesticides and other agro-chemical products</b>	<b>22</b>	<b>97.3</b>	<b>97.3</b>	<b>97.3</b>	<b>97.0</b>	<b>97.0</b>	<b>97.0</b>	<b>95.4</b>	<b>95.4</b>	<b>95.4</b>	<b>91.5</b>	<b>91.5</b>	<b>91.5</b>
Production of pyrethrum	22	97.3	97.3	97.3	97.0	97.0	97.0	95.4	95.4	95.4	91.5	91.5	91.5

Source: NISR, Quarterly Producer Price Survey- Manufacturing sector

**Table: 10.1.10. Monthly Producer Price Indices by Activity Group, Manufacturing Sector**  
**Goods Produced mainly for export (Base Period: Fourth quarter 2003 =100)**

Activity group	Weight	Jan.07	Feb.07	Mar.07	Apr.07	May.07	Jun.07	Jul.07	Aug.07	Sept.07	Oct.07	Nov.07	Dec.07
<b>PPI for Mainly Export Products</b>	<b>1000</b>	<b>150.6</b>	<b>145.0</b>	<b>143.9</b>	<b>143.0</b>	<b>135.8</b>	<b>138.9</b>	<b>150.4</b>	<b>150.0</b>	<b>154.6</b>	<b>151.4</b>	<b>153.8</b>	<b>153.1</b>
<b>Manufacture of other food products n.c.e</b>	<b>978</b>	<b>152.4</b>	<b>146.6</b>	<b>145.5</b>	<b>144.6</b>	<b>137.2</b>	<b>140.3</b>	<b>147.6</b>	<b>149.4</b>	<b>154.1</b>	<b>150.9</b>	<b>151.7</b>	<b>151.1</b>
Production of tea	585	115.7	104.4	104.0	100.3	91.3	96.8	102.9	105.0	111.3	104.9	103.7	109.4
Production of coffee	392	207.0	209.4	207.2	210.7	205.7	205.3	214.2	215.7	217.9	219.5	223.2	213.3
<b>Manufacture of pesticides and other agro-chemical products</b>	<b>22</b>	<b>74.5</b>	<b>74.5</b>	<b>74.5</b>	<b>74.5</b>	<b>74.1</b>	<b>74.1</b>	<b>273.6</b>	<b>174.8</b>	<b>174.8</b>	<b>174.8</b>	<b>250.5</b>	<b>240.5</b>
Production of pyrethrum	22	74.5	74.5	74.5	74.5	74.1	74.1	273.6	174.8	174.8	174.8	250.5	240.5

Source: NISR, Quarterly Producer Price Survey- Manufacturing sector

**Table: 10.1.11. Monthly Producer Price Indices by Activity Group, Manufacturing Sector**  
**Goods Produced mainly for export (Base Period: Fourth quarter 2003 =100)**

Activity group	Weight	Jan.08	Feb.08	Mar.08	Apr.08	May.08	Jun.08	Jul.08	Aug.08	Sept.08	Oct.08	Nov.08	Dec.08
<b>PPI for Mainly Export Products</b>	<b>1000</b>	<b>162.2</b>	<b>165.4</b>	<b>166.5</b>	<b>168.9</b>	<b>173.8</b>	<b>173.1</b>	<b>174.7</b>	<b>179.1</b>	<b>184.2</b>	<b>175.1</b>	<b>158.8</b>	<b>165.9</b>
<b>Manufacture of other food products n.c.e</b>	<b>978</b>	<b>160.4</b>	<b>165.2</b>	<b>164.8</b>	<b>168.8</b>	<b>173.3</b>	<b>172.2</b>	<b>173.9</b>	<b>178.4</b>	<b>183.6</b>	<b>174.3</b>	<b>155.4</b>	<b>162.7</b>
Production of tea	585	123.5	131.5	126.3	130.6	135.4	133.4	135.1	141.9	150.7	136.8	113.3	125.5
Production of coffee	392	215.4	215.5	222.2	225.8	229.6	230.2	231.6	232.8	232.8	230.1	218.2	218.2
<b>Manufacture of pesticides and other agro-chemical products</b>	<b>22</b>	<b>240.5</b>	<b>173.4</b>	<b>240.5</b>	<b>173.4</b>	<b>196.9</b>	<b>210.9</b>	<b>210.9</b>	<b>210.9</b>	<b>210.9</b>	<b>210.9</b>	<b>306.6</b>	<b>306.6</b>
Production of pyrethrum	22	240.5	173.4	240.5	173.4	196.9	210.9	210.9	210.9	210.9	210.9	306.6	306.6

Source: NISR, Quarterly Producer Price Survey- Manufacturing sector

## **Chapter 11: Banking, Finance, Insurance and Aid**

## 11.1 Banking

**Table 11.1.1: Monetary situation (in billions of RWF)**

Description	Dec-05	Dec-06	Dec-07	Dec-08
Net foreign assets	181.3	224.9	281.8	325.6
Foreign assets	224.7	241.2	300.6	333.4
Foreign liabilities	43.4	16.3	18.8	7.8
Net domestic assets	-117.2	-153.0	-187.9	-209.6
Domestic credit	-96.9	-120.2	-153.4	-168.7
Government (net)	-61.0	-72.4	-99.6	-158.3
Claims	42.1	41.8	41.2	39.7
Deposits	103.1	114.2	140.8	198.1
Treasury (including RRA)	12.4	17.6	5.8	12.61
Line ministries	90.8	96.6	135.0	185.4
Autonomous agencies	-0.5	-2.0	-1.3	-0.6
Non government credit	-35.4	-45.8	-52.5	-9.8
Private	2.9	3.2	3.7	4.3
Public enterprises	0.1	0.0	0.0	0.0
Other financial institutions	0.4	0.3	1.2	1.0
Commercial banks (net)	-38.9	-49.3	-57.3	-15.1
Other items net	-20.2	-32.8	-34.5	-40.9
Reserve money	64.1	71.9	93.9	116.0
Currency	51.1	58.4	72.7	88.5
Currency in circulation	47.0	52.7	63.2	80.9
Currency held in banks	4.1	5.7	9.5	7.6
Commercial banks deposits (UBPR included)	11.0	11.3	18.6	25.1
Other nonbank deposits	2.1	2.2	2.6	2.3
<b>OTHER DEPOSITORY INSTITUTIONS</b>				
Net foreign assets	41.2	60.2	69.7	78.2
Foreign assets	52.6	71.0	86.9	96.8
Foreign liabilities	11.4	10.8	17.2	18.6
Reserves	15.0	17.0	28.1	32.7
NBR deposits	11.0	11.3	18.6	25.1
Required reserves	11.5	11.5	24.4	34.2
Excess reserves	-0.5	-0.2	-5.8	-9.1
Billets et pièces	4.1	5.7	9.5	7.6
Net Credit from NBR	38.9	49.3	57.3	15.1
Credit from NBR	1.4	1.2	1.3	1.5
Credit to NBR	40.2	50.5	58.6	16.6
Domestic credit	165.4	213.0	279.8	354.0
Government (net)	0.9	2.8	24.3	16.5
Credit	25.0	26.4	47.0	29.6
Deposits	24.1	23.5	22.7	13.1

Source: NBR

**Table 11.1.1: Monetary situation (in billions of RWF) - next**

Public enterprises	2.1	2.4	1.7	1.8
Private sector	162.4	207.8	253.8	335.7
Other items net (Assets: +)	-63.4	-73.5	-75.1	-96.8
Deposits	197.1	266.1	359.8	383.2
Private	165.0	221.5	299.1	326.3
Public (non government)	32.2	44.5	55.4	56.9
<b>MONETARY SURVEY</b>				
Net foreign assets	222.5	285.1	351.6	403.8
Net domestic assets	23.3	35.6	72.9	61.6
Domestic credit	106.9	141.9	182.6	199.3
Government (net)	-60.1	-69.5	-75.4	-141.8
Autonomous Agencies	-0.5	-2.0	-1.3	-0.6
Public enterprises	2.2	2.4	1.8	1.8
Private sector	165.3	211.0	257.4	340.0
Other items net (Assets: +)	-83.6	-106.4	-109.6	-137.7
Broad money (M3)	246.2	321.0	425.7	466.4
Broad money (M2)	202.6	261.8	357.0	384.1
Narrow money (M1)	129.9	154.7	215.0	248.5
Currency in circulation	47.0	52.7	63.2	80.9
Deposits	199.2	268.2	362.4	385.5
of which: Transferable deposits in Frw	82.9	101.9	151.7	167.7
Nontransferable deposits Frw	72.7	107.1	142.0	135.5
Foreign currency deposits	43.7	59.2	68.6	82.3
Exchange rate USD	553.7187	548.6524	544.22	558.90
Exchange rate SDR	791.3748	824.7101	859.0408	865.07

Source: NBR



**Table 11.1.2: Annual interest rates**

Description	2003	2004	2005	2006	2007	2008
Discount rate (annual average)	13.75	14.50	13.08	12.50	12.50	11.88
Deposit rate	9.17	9.23	8.67	8.20	7.41	6.47
Lending rate	15.99	15.99	15.78	15.85	15.95	16.22
Interbank money market rate	10.13	11.02	8.28	8.26	6.38	7.32

Source: NBR

**Table 11.1.3: Annual exchange rate**

Description	2004	2005	2006	2007	2008
Foreign exchange, official annual average(RWF/USD)	577.52	557.81	551.76	547.01	547.61
Annual %changes	7.36%	-3.41%	-1.08%	-0.86%	0.11
RWF/USD end of year	567.73	553.94	549.67	544.81	558.90

Source: NBR

## 11.2 Finance

**Table 11.2.1: Consolidated financial operations of the central government  
(in billions of RWF)**

Description	2005	2006	2007	2008*
Current Revenue	180.3	205.6	252.1	381.0
Tax Revenue	162.6	191.1	237.8	328.7
Direct Taxes	50.8	65.2	85.8	123.1
Income Tax	50.1	64.5	85.8	123.1
Property Tax	0.7	0.7	0.0	0.0
Indirect Taxes	111.8	125.8	152.0	205.6
Taxes on Good and Services	82.8	95.5	121.0	161.7
Taxes on international trade	29.0	30.3	31.0	43.9
Non tax revenues	17.7	14.6	14.3	52.3
Capital revenues	0.0	0.0	0.0	0.0
<b>Total Revenue</b>	180.3	205.6	252.1	381.0
<b>Grants</b>	164.5	169.1	220.4	279.8
Current Grants	110.9	73.2	132.4	185.7
Capital Grants	53.6	95.9	88.0	94.1
<b>TOTAL REVENUES AND GRANTS</b>	344.8	374.7	472.5	660.8
<b>TOTAL EXPENDITURE</b>	340.7	383.7	491.4	649.7
<b>Current expenditure</b>	214.9	255.4	313.2	368.5
Wages and salaries	51.2	62.2	73.8	84.2
Civilians	34.7	41.2	52.5	61.0
Military	16.5	21.0	21.3	23.2
Purchase of good and services	64.4	80.7	78.0	80.3
Civilians	55.8	71.6	67.5	66.9
Military	8.6	9.1	10.5	13.4
Interests payment on public debt	10.3	7.1	10.9	12.6
On domestic debt	10.3	7.1	10.9	12.6
On external debt	6.1	2.9	2.2	3.8
Transfers & Grants	53.6	71.9	103.6	130.4
Exceptional expenditure	35.4	33.5	46.9	60.9
<b>Capital expenditure</b>	121.4	118.7	186.3	267.8
Financed by domestic resources	34.7	35.7	63.8	119.2
Finance by foreign resources	86.7	83.0	122.5	148.5
<b>Net Lending</b>	4.4	9.6	-8.1	13.5
<b>Current Deficit (payment order basis)</b>	-34.6	-49.8	-61.1	12.5
<b>OVERALL DEFICIT (payment order basis Excluding Grants)</b>	-160.4	-178.1	-239.3	-268.8
<b>Including Grants</b>	4.0	-9.0	-18.9	11.0
<b>Change in arrears</b>	-10.7	-7.5	-8.2	-8.0
Domestic arrears	-7.0	-7.5	-8.2	-8.0
Foreign arrears	-3.7	0.0	0.0	0.0
<b>DEFICIT/SURPLUS (Cash basis)</b>	-6.7	-16.6	-27.1	3.0
<b>FINANCING</b>	1.8	23.7	14.4	-3.0
<b>External Financing</b>	34.3	34.9	32.1	56.4
Net loans	34.3	34.9	32.1	56.4
<b>Domestic Financing (excluding Adjustment)</b>	34.3	34.9	32.1	56.4
Banks	-32.5	-11.2	-5.4	-66.4
Non banks	0.0	0.0	-12.3	-15.7

\*Provisional  
Source: MINECOFIN

### 11.3. Insurance

**Table 11.3.1: Number of policies insured per branch CORAR s.a**

Products by number of policies insured	2005	2006	2007	2008
PSA	4758	6789	9703	11783
EA	4851	7799	12392	16097
LPA	285	513	785	1202
<b>Total</b>	<b>9894</b>	<b>15101</b>	<b>22880</b>	<b>29082</b>
Motor vehicles	15340	23793	28091	35594
IARDT	289	2316	3692	6214
Health	0	0	2509	1136

Source: CORAR S.A

**Table 11.3.2: Life Insurance by CORAR S.A**

Class	2007	2008
	Number of policies	Number of policies
Pension Scheme Insurance	9 703	11 783
Education Insurance	12 392	16 097
Loan protection Insurance	785	1 202
Cover for Provident Enterprise	-	-
Personal Accident Insurance	418	762
Workmen compensation Insurance	80	133
Family protection Insurance	-	-
Health Insurance	2 509	1136
<b>Total</b>	<b>25 887</b>	<b>31 113</b>

Source: CORAR S.A

**Table 11.3.3: Insurance of Goods or property**

Class	2007	2008
Motor Insurance	28 091	35 594
Fire	548	894
Cash in transit and safe insurance	15	12
Insurance against theft	-	-
Machinery breakdown Insurance	0	2
Insurance of Boats	9	264
Transport Insurance of goods	67	83
Contractors all risks insurance	3	81
Electronic and electric equipments Insurance	1	6
Aviation /travel Insurance	650	868
Insurance against loss of profit	1	0
Insurance of construction machinery on site	-	-
<b>Total</b>	<b>29 385</b>	<b>37 804</b>

Source: CORAR S.A

**Table 11.3.4: Public Liability Insurance by CORAR S.A Third party)**

Class	2007	2008
Third party covering schools	232	251
Third party professional activities	4	11
Third party covering garage, pharmacies, hosp, hotels, rest.	2	7
<b>Total</b>	<b>238</b>	<b>269</b>

Source: CORAR S.A

**Table 11.3.5: Distribution of insured by class of business by SONARWA**

Class	2005	2006	2007	2008
Motor	6513	7618	8081	9563
Other	-	-	-	29
Miscellaneous risks	214	297	443	614
Fire	1082	1323	1369	1617
Marine	1048	885	771	931
<b>Total</b>	<b>8857</b>	<b>10123</b>	<b>10664</b>	<b>12754</b>

Source: SONARWA S.A

**Table 11.3.6: Distribution of insurance policies by class of business by SONARWA**

Class	2005	2006	2007	2008
Motor	13001	14733	15832	18071
Marine	2393	2175	1979	2646
Miscellaneous risks	283	537	943	1624
Fire	1312	1552	1600	1842
<b>Total</b>	<b>16990</b>	<b>18997</b>	<b>20354</b>	<b>24183</b>

Source: SONARWA S.A

**Table 11.3.7: Distribution of insurance policies by class of business by SONARWA**

Class	2005	2006	2007	2008
Personal accident	228	215	526	627
Workmen's compensation	1	-	14	114
Family protection	2	2	1	1
Loan protection	16249	16664	13124	18585
Individual pension	6241	3997	2810	2343
Education	2976	3459	2057	2270
<b>Total</b>	<b>25697</b>	<b>24337</b>	<b>18531</b>	<b>23940</b>
<b>Group pension</b>				
Group life	10	10	10	11
Group life Insurance mixed(Pension and life cover)	18	19	20	20
<b>Total</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>

Source: SONARWA S.A

**Table 11.3.8: Distribution of insurance policies by class of business by SORAS**

Class	2008
Motor	28272
Other	2745
Miscellaneous risks	11153
Fire	2388
Marine	213
<b>Total</b>	<b>44771</b>

Source : SORAS S.A

**Table 11.3.9: Distribution of insurance policies by class of business by SORAS**

Class	2005	2006	2007	2008
Loan protection	-	-	-	2420
Individual pension	4330	6343	31915	32955
Education	1654	2471	18963	20435
<b>Total</b>	<b>5984</b>	<b>8814</b>	<b>50878</b>	<b>55810</b>

Source : SORAS S.A

## 11.4 Aid

**Table 11.4.1: Grant committed and disbursed by support provider**

Year	2005		2006		2007		2008	
	Committed (USD)	Disbursed (USD)	Committed (USD)	Disbursed (USD)	Committed (USD)	Disbursed (USD)	Committed (USD)	Disbursed (USD)
ADB - African Development Bank Group	47 522 866	26 643 960	3 276 567	3 042 442	751 438	3 923 736	439 000	8 952 855
Belgium	7 732 000	19 090 475	21 997 632	23 495 047	5 450 579	25 979 313	16 789 930	30 974 516
Canada	2 155 172	3 232 434	7 389 162	5 499 603	10 267 854	8 979 568	11 972 956	7 550 015
EC - European Commission	0	56 798 015	285 216	23 520 910	16 553 368	14 133 019	208 590 433	6 372 035
France	2 500 000	2 208 952	0	0	0	0	0	0
Germany	14 581 750	14 852 391	1 560 304	5 507 329	31 697 496	25 487 155	5 952 380	8 784 660
Italy	175 041	0	0	83 873	1 749 205	383 046	0	0
Japan	13 292 518	11 814 257	20 429 700	18 114 189	1 100 000	1 100 000	0	0
NDF - Nordic Development Fund	4 737 091	476 576	423 569	1 372 437	0	0	0	0
Netherlands	8 497 500	13 769 638	6 675 514	14 256 737	103 235 173	25 608 066	23 778 083	33 124 291
Sweden	25 266 665	1 462 161	6 352 666	17 659 772	41 142 857	16 716 345	4 333 333	245 500
Switzerland	1 240 171	1 332 047	1 757 105	2 251 693	3 146 154	800 000	0	0
The Global Fund	39 891 427	29 977 159	42 330 502	52 277 164	36 180 711	37 411 769	63 978 011	81 555 687
UN	28 789 937	28 115 083	26 954 876	28 537 335	41 599 441	34 682 182	41 868 177	34 394 520
USA - United States of America	82 056 819	82 056 819	109 158 967	109 158 967	152 537 922	152 537 922	194 817 185	194 817 185
United Kingdom	5 195 381	5 172 746	65 726 233	64 982 757	88 313 168	84 237 246	97 534 787	93 829 398
World Bank	70 000 000	64 966 987	91 000 000	23 438 532	139 000 000	72 767 559	69 000 000	107 025 735
<b>Total</b>	<b>353 634 338</b>	<b>361 969 700</b>	<b>405 318 013</b>	<b>393 198 787</b>	<b>672 725 366</b>	<b>504 746 926</b>	<b>739 054 275</b>	<b>607 626 397</b>

Source: MINECOFIN, 2009

**Table 11.4.2: Loan committed and disbursed by support provider**

Year	2005		2006		2007		2008	
	Committed (USD)	Disbursed (USD)	Committed (USD)	Disbursed (USD)	Committed (USD)	Disbursed (USD)	Committed (USD)	Disbursed (USD)
ADB - African Development Bank Group	59 505 398	14 365 572	5 801 160	9 932 700	0	27 208 287	22 044 408	68 785 716
Belgium	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0
EC - European Commission	0	7 025 219	0	1 908 618	0	0	0	0
France	0	0	0	0	0	0	0	0
Germany	0	0	0	0	0	0	0	0
Italy	0	0	0	0	0	0	0	0
Japan	0	0	0	0	0	0	0	0
NDF - Nordic Development Fund	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0	0
Sweden	0	0	0	0	0	0	0	0
Switzerland	0	0	0	0	0	0	0	0
The Global Fund	0	0	0	0	0	0	0	0
UN	0	7 555 610	8 210 000	13 711 636	1 645 817	11 055 671	0	6 375 221
USA - United States of America	0	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0	0
World Bank	20 000 000	54 118 159	4 300 000	36 537 060	0	34 186 282	6 000 000	41 477 670
<b>Total</b>	<b>79 505 398</b>	<b>83 064 560</b>	<b>18 311 160</b>	<b>62 090 014</b>	<b>1 645 817</b>	<b>72 450 240</b>	<b>28 044 408</b>	<b>116 638 607</b>

Source: MINECOFIN, 2009

## **Chapter 12: Business Enterprise and Foreign Trade**

## 12.1 Business enterprise

**Table 12.1.1: Business registration statistics**

Year	2005	2006	2007	01-19/05/2008	Total
Sole Traders	572	488	750	207	<b>2017</b>
Companies	413	582	836	401	<b>2232</b>
<b>Total</b>	<b>985</b>	<b>1070</b>	<b>1586</b>	<b>608</b>	<b>4249</b>

Source: RDB, Office of the Registrar General

**Table 12.1.2: Intellectual property registration statistics**

Year	2005	2006	2007	2008	Total
Trade marks	202	272	229	330	<b>1033</b>
Patents	2	3	3	4	<b>12</b>
Industrial design	0	0	2	5	<b>7</b>
Copyright	8	1	2	1	<b>12</b>
<b>Total</b>	<b>212</b>	<b>276</b>	<b>236</b>	<b>340</b>	<b>1064</b>

Source: RDB, Office of the Registrar General

## 12.2 Foreign trade

**Table 12.2.1: Volume of Exports by Destination (FOB in RWF)**

Country/Block	2006	2007	2008
EAC	16 758 288 386	20 763 397 366	23 463 908 705
CEPGL	1 053 420 361	5 194 950 178	11 086 073 089
COMESA	19 574 234 017	27 847 797 139	41 046 609 022
SADC	2 694 307 494	8 583 938 934	24 904 486 318
Rest of Africa	24 639 303	44 469 044	69 447 096
EU	33 911 462 512	36 846 959 891	44 065 315 214
UK	15 818 631 617	18 352 429 962	7 303 170 030
USA	2 647 667 185	4 878 332 640	2 013 486 135
ASIA	10 280 671 166	12 624 035 517	22 300 476 487
Others	37 937 714	30 986 636	307 303 325
<b>Total exports</b>	<b>66 746 778 526</b>	<b>83 806 527 174</b>	<b>116 841 340 424</b>

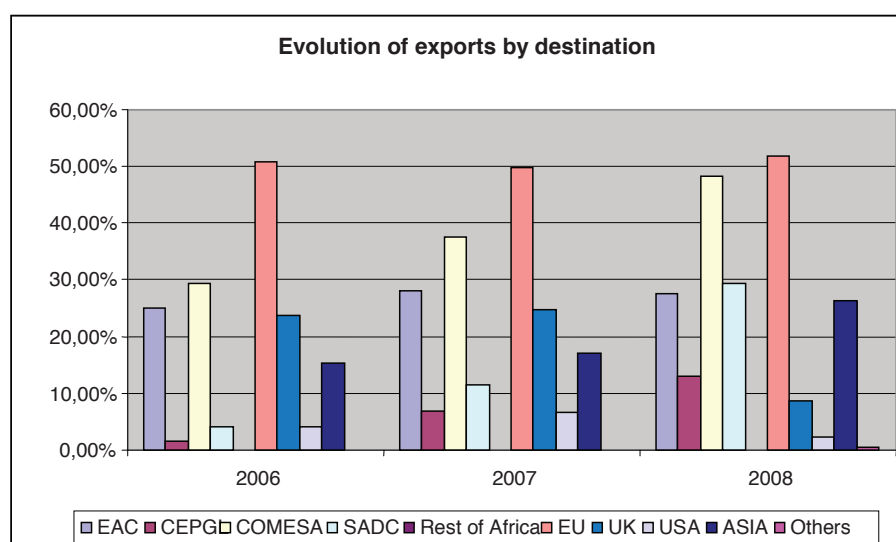
Source: RRA



**Table 12.2.2: Volume of exports by destination as a % of total exports**

Country/Block	2006	2007	2008
EAC	25.1%	28.0%	27.6%
CEPGL	1.6%	7.0%	13.0%
COMESA	29.3%	37.5%	48.3%
SADC	4.0%	11.6%	29.3%
Rest of Africa	0.0%	0.1%	0.1%
EU	50.8%	49.7%	51.8%
UK	23.7%	24.7%	8.6%
USA	4.0%	6.6%	2.4%
ASIA	15.4%	17.0%	26.2%
Others	0.1%	0.0%	0.4%
<b>TOTAL EXPORTS</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

Source: RRA

**Figure 5: Evolution of exports by destination****Table 12.2.3: Volume of Imports by origin (CIF in RWF)**

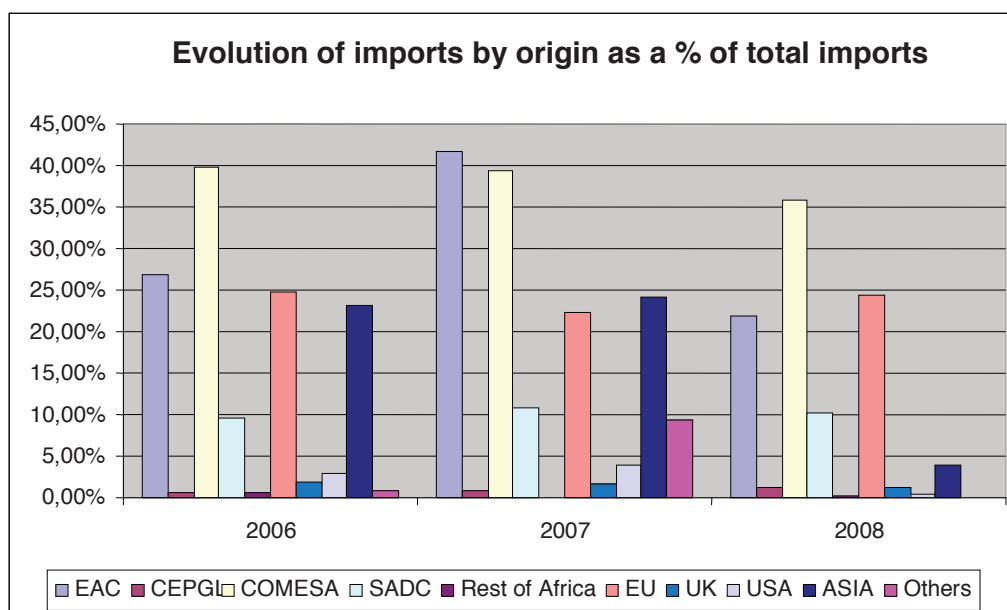
Country/Block	2006	2007	2008
EAC	72 887 581 118	150 159 824 024	124 421 154 209
CEPGL	1 596 547 206	3 095 310 399	6 731 350 708
COMESA	108 019 180 369	141 571 311 517	205 234 072 180
SADC	25 924 849 506	39 260 479 578	58 044 659 643
Rest of Africa	1 647 704 472	353 793 683	1 186 126 484
EU	66 994 241 795	79 933 669 025	139 260 802 959
UK	4 945 486 765	6 189 364 029	7 303 170 030
USA	7 964 896 265	14 588 315 605	2 013 486 135
ASIA	62 885 349 433	86 854 110 113	22 300 476 487
Others	2 282 708 746	33 662 399 553	306 721 655
<b>TOTAL IMPORTS</b>	<b>271 589 916 642</b>	<b>360 544 480 594</b>	<b>571 137 267 666</b>

Source: RRA

**Table 12.2.4: Volume of imports by origin as a % of total imports**

Country/Block	2006	2007	2008
EAC	26.8%	41.6%	21.8%
CEPGL	0.6%	0.9%	1.2%
COMESA	39.8%	39.3%	35.9%
SADC	9.5%	10.9%	10.2%
Rest of Africa	0.6%	0.1%	0.2%
EU	24.7%	22.2%	24.4%
UK	1.8%	1.7%	1.3%
USA	2.9%	4.0%	0.4%
ASIA	23.2%	24.1%	3.9%
Others	0.8%	9.3%	0.1%
<b>TOTAL IMPORTS</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

Source: RRA

**Figure 6: Evolution of imports by origin as a % of total imports**

**Table 12.2.5: Balance of Payments of Rwanda (in millions of USD)**

Year	2 005	2 006	2 007	2 008
<b>Trade balance</b>	-228.70	-299.02	-404.39	-624.16
Exports, f.o.b.	125.00	147.38	176.77	256.56
Of which : coffee	38.30	54.04	35.67	46.91
tea	24.40	31.86	31.52	40.05
Imports, f.o.b	-353.60	-446.40	-581.16	-880.72
<b>Services and income (net)</b>	-193.70	-160.95	-14.38	-148.39
Services (net)	-166.50	-132.30	-113.33	-123.16
Income (net)	-27.20	-28.66	-17.22	-35.06
<b>Trade and Services and income balance</b>	-422.30	-459.97	-544.76	-772.55
<b>Current transfers (net)</b>	364.50	325.54	461.32	518.57
Private	46.70	77.15	98.82	72.61
Public	317.80	248.39	362.50	445.96
<b>Current account balance (including official transfers)</b>	-57.82	-134.43	-83.45	-253.98
<b>Current account balance (excluding official transfers)</b>	-375.62	-382.82	-445.95	-699.94
<b>Capital and Financial account balance</b>	165.40	250.50	196.70	320.89
<b>Capital Account</b>	93.50	1 400.08	92.04	210.06
<i>Capital transfers</i>	93.50	1 400.08	92.04	210.06
Debt forgiveness	0.00	1 226.60	0.00	0.00
Migrants transfers	0.00	0.00	0.00	0.00
Other capital transfers	93.50	173.48	92.04	210.06
<b>Financial transactions account</b>	71.98	-1 149.54	104.67	110.83
Public sector capital (LT) (net)	53.70	-1 104.83	80.36	108.94
Private sector capital (LT) (net)	-4.60	25.34	81.43	75.80
Lt. Debt	0.00	0.00	3.39	9.48
Amortization	0.00	0.00	-4.24	-18.24
Direct investment	10.50	30.60	82.28	84.56
Other Capital	22.90	-70.05	-57.13	-73.91
Short term capital	22.90	-70.05	-57.13	-73.91
Other ST Capital				
<b>Errors et Omissions</b>	11.53	-34.59	-2.66	-8.90
<b>Overall balance</b>	119.20	81.52	110.60	58.01
<b>Financing (- increase)</b>	-119.20	-81.52	-110.60	-58.01
<b>Change in net foreign assets of NBR (increase -)</b>	-120.20	-81.52	-110.60	-58.01
a. Net use of IMF credit (increase +)	-6.70	2.52	3.40	3.70
b. Change in gross reserves (increase -)	-93.50	-35.01	-114.37	-58.68
c. Change in other foreign liabilities (increase +)	-20.00	-49.03	0.37	0.67
<b>Change in arrears (decrease -)</b>	1.10	0.00	0.00	0.00
<b>Exceptional financing</b>	0.00	0.00	0.00	0.00
<b>Rescheduling</b>	0.00	0.00	0.00	0.00
<b>Cancellation</b>	0.00	0.00	0.00	0.00
<b>GAP (+ financing needed)</b>	0.00	0.00	0.00	0.00
<b>For memory</b>				
<b>Gross official reserves (Mio USD)</b>	405.70	439.62	552.40	596.50
<b>Foreign liabilities (Mio USD)</b>	78.30	29.63	30.00	43.41
<b>Gross reserves in months of goods and services imports</b>	7.60	6.80	4.70	5.50
<b>Gross reserves in months of CAF imports of goods</b>	10.30	8.92	8.60	6.10
<b>Gross reserves in months of FOB imports of goods</b>	13.80	11.82	11.41	8.13
<b>Trade balance (in percent of GDP)</b>	-8.86	-9.61	-10.80	-13.31
<b>Current account balance in percent of GDP (including official transfers)</b>	-2.24	-4.32	-2.23	-5.42
<b>Current account balance in percent of GDP (excluding official transfers)</b>	-14.55	-12.31	-11.91	-14.93
<b>Overall balance (in percent of GDP)</b>	4.62	2.62	2.95	1.24
<b>GDP (millions \$US, Current)</b>	2 581.52	3 110.05	3 745.82	4 689.47
<b>GDP (Millions of RWF, current)</b>	<b>1 440 000</b>	<b>1 716 000</b>	<b>2 049 000</b>	<b>2 565 000</b>
<b>Exchange rate : RWF/1 USD at the end of the period</b>	553.83	548.65	545.45	558.90
<b>Imports of goods and services</b>	-639.81	-780.35	-944.95	-1 402.20
<b>Exchange rate average ( RWF/1 USD)</b>	557.81	551.76	547.01	546.97

Source: NBR, NISR

## **Chapter 13: Law Enforcement, Courts and Prison**

### 13.1 Law Enforcement, Courts and Prison

**Table 13.1.1: Distribution of crimes by type of offense**

Year		2005		2006		2007		2008	
N & %		N	%	N	%	N	%	N	%
Violent crime	Murder	234	3.1	319	4.4	268	3.4	144	3.0
	Forcible rape	2 999	39.5	2 962	41.1	2 935	37.3	383	7.9
	Robbery	1 698	22.4	2 251	31.3	2 270	28.9	-	-
	Aggravated Assault	1 847	24.4	1 669	23.2	2 388	30.4	2 253	46.2
Property crime	Burglary	-	-	-	-	-	-	1 878	38.5
	Larceny theft	805	10.6	-	-	-	-	216	4.4
<b>Total</b>		<b>7 583</b>	<b>100.0</b>	<b>7 201</b>	<b>100.0</b>	<b>7 861</b>	<b>100.0</b>	<b>4 874</b>	<b>100.0</b>

Source : National Police

**Table 13.1.2: Distribution of crimes by type and province**

Year	Type of crime	Northern Province		Southern Province		Eastern Province		Western Province		Kigali City	
		N	%	N	%	N	%	N	%	N	%
2006	Violent crime	1601	62.8	2627	60.7	2142	64.5	2326	61.9	3142	61.8
	Murder and non negligent manslaughter	32	1.3	81	1.9	104	3.1	45	1.2	57	1.1
	Forcible rape	422	16.6	727	16.8	524	15.8	675	18.0	614	12.1
	Robbery	254	10.0	538	12.4	285	8.6	390	10.4	784	15.4
	Aggravated assault	239	9.4	355	8.2	268	8.1	323	8.6	484	9.5
2007	Violent crime	1786	62.5	3373	64.5	3186	64.1	2222	66.8	3588	64.6
	Murder and non negligent manslaughter	35	1.2	74	1.4	59	1.2	38	1.1	42	0.8
	Forcible rape	376	13.1	656	12.5	796	16.0	392	11.8	655	11.8
	Robbery	293	10.2	619	11.8	394	7.9	367	11.0	597	10.7
	Aggravated assault	366	12.8	508	9.7	532	10.7	307	9.2	675	12.1
2008	Violent crime	1678	71.1	2635	71.7	3326	72.1	1533	75.0	3564	73.2
	Murder and non negligent manslaughter	19	0.8	39	1.1	44	1.0	26	1.3	16	0.3
	Forcible rape	349	14.8	554	15.1	651	14.1	294	14.4	580	11.9
	Robbery	-	-	-	-	-	-	-	-	-	-
	Aggravated assault	314	13.3	447	12.2	589	12.8	192	9.4	711	14.6
	<b>Property:</b>										
	Burglary	262	94.6	435	94.4	421	94.0	229	96.2	531	79.3
	Larceny-theft	15	5.4	26	5.6	27	6.0	9	3.8	139	20.7
Motor vehicle theft	-	-	-	-	-	-	-	-	-	-	

Source : National Police

Table 13.1.3: Cases in Court

Year	Cases at the beginning of the year	New cases	Type of cases	Judged cases	Remaining Cases at the end of the year
2005	45 818	37 136	Civil cases	23 410	27 880
			Criminal cases	7 364	13 538
			Administrative cases	72	616
			Minor cases	213	364
			Social cases	87	1 064
			Genocide cases	52	1 012
			Commercial cases	18	2 546
			Rape cases	0	0
			<b>Total General</b>	<b>31 216</b>	<b>47 020</b>
2006	42 797	28 975	Civil cases	12 900	24 364
			Criminal cases	6 554	17 320
			Administrative cases	53	898
			Minor cases	314	433
			Social cases	196	1 407
			Genocide cases	73	1 130
			Commercial cases	436	2 752
			Rape cases	0	0
			<b>Total General</b>	<b>20 526</b>	<b>48 304</b>
2007	50 752	42 739	Civil cases	19 518	24 945
			Criminal cases	9 895	22 307
			Administrative cases	181	617
			Minor cases	357	865
			Social cases	506	1 649
			Genocide cases	83	1 135
			Commercial cases	925	3 263
			Rape cases	0	0
			<b>Total General</b>	<b>31 465</b>	<b>54 781</b>
2008	55 053	40 776	Civil cases	20 115	24 546
			Criminal cases	12 274	25 906
			Administrative cases	141	616
			Minor cases	482	1 069
			Social cases	428	1 735
			Genocide cases	31	22
			Commercial cases	10	31
			Rape cases	0	0
<b>Total</b>	<b>194 299</b>	<b>149 626</b>	<b>Total</b>	<b>33 481</b>	<b>53 925</b>

Source: Rwanda Supreme court

**Table 13.1.4: Judged cases**

Type of cases	HCR			TGI			TB			SUPREME COURT						
	2005	2006	2007	2008	2005	2006	2007	2008	2005	2006	2007	2008				
Civil	594	774	1 089	1 391	3 390	2 373	3 871	4 718	19 391	9 718	14 493	13 967	0	35	65	39
Criminal	520	512	833	1 454	2 595	2 932	3 853	4 623	4 001	2 839	4 995	5 988	248	271	214	209
Genocide	9	9	8	4	15	33	54	18	0	0	0	0	28	31	21	9
Social	13	30	42	76	52	160	460	344	0	0	0	0	35	6	4	8
Administrative	19	57	69	64	43	38	84	56	0	0	0	0	10	15	28	21
Minor	3	0	0	19	210	314	357	463	0	0	0	0	0	0	0	0
Commercial	8	13	36	0	0	415	882	0	0	0	0	0	10	8	7	10
Work	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0
<b>Total</b>	<b>1 166</b>	<b>1 395</b>	<b>2 077</b>	<b>3 008</b>	<b>6 305</b>	<b>6 265</b>	<b>9 561</b>	<b>10 222</b>	<b>23 392</b>	<b>12 557</b>	<b>19 488</b>	<b>19 955</b>	<b>353</b>	<b>366</b>	<b>339</b>	<b>296</b>

Source: Rwanda Supreme Court











