



**KEY STATISTICS IN WATER AND SANITATION SECTOR FOR THE
PERIOD OF JANUARY TO MARCH 2015**

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SUMMARY

In summary, this report is composed of Water and Sanitation sector; the period under review is from January to March 2015. Improved drinking water sources as defined by World Health Organization/UNICEF Joint monitoring programme include protected springs, public standpipes, water piped into dwelling/yard, boreholes, protected wells and rain water collection¹. In Rwanda like in other country, we have different sources of drinking water. However, this report presents statistics of only water supplied by Water and Sanitation Corporation (WASAC). The total number of water subscribers increased by 10% from 149,332 recorded in December 2014 to 164,506 water subscribers recorded in 1st quarter 2015.

In sanitation sub sector we have 135 licensed cleaning companies and 20 licensed solid waste collection and transportation companies.

¹ www.wssinfo.org/definitions-methods

PART I. WATER SUBSECTOR

1. Water Subscribers

As of March 2015, the total number of water subscribers is 164,506. These subscribers are distributed along different WASAC stations. 51% of the total customers are in the City of Kigali and 41% are distributed in other provinces in the 1st Quarter 2015, which is different from the last quarter where the city of Kigali had 55% and 45%. This difference is mainly attributed to the fact that, people in other provinces have other sources of clean water like private Water Service Providers' sources, wells, springs etc.

Table 1: Trend in water subscribers for the last four quarters 2014

	Q1 2014	Q2 2014	Q3 2014	Q4 2014	Q1 2015
Western Province	11,212	11,681	12,505	16,018	16,569
Northern Province	12,937	13,494	14,254	11,852	23136
Southern Province	15,250	16,133	16,831	17,379	17828
Eastern Province	19,510	20,237	21,468	22,257	23,136
City of Kigali	72,348	77,177	80,015	81,826	83837
Total	131,257	138,722	145,073	149,332	164,506

Source: WASAC

Water subscribers increased from 149,332 in fourth quarter to 164, 506, in the first quarter, this represents a 10% increase.

Figure 1: Water Subscribers Trend

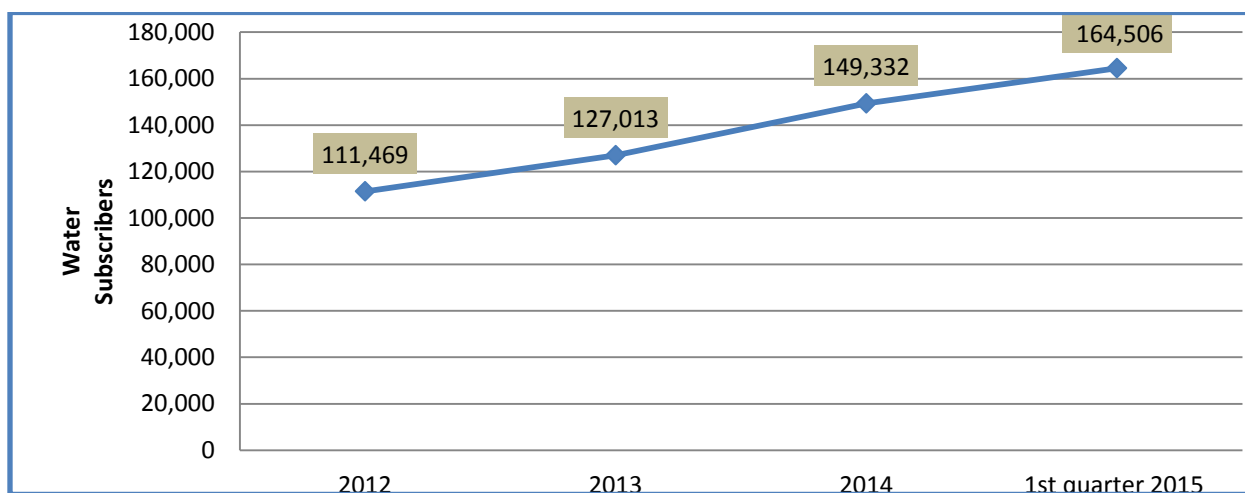
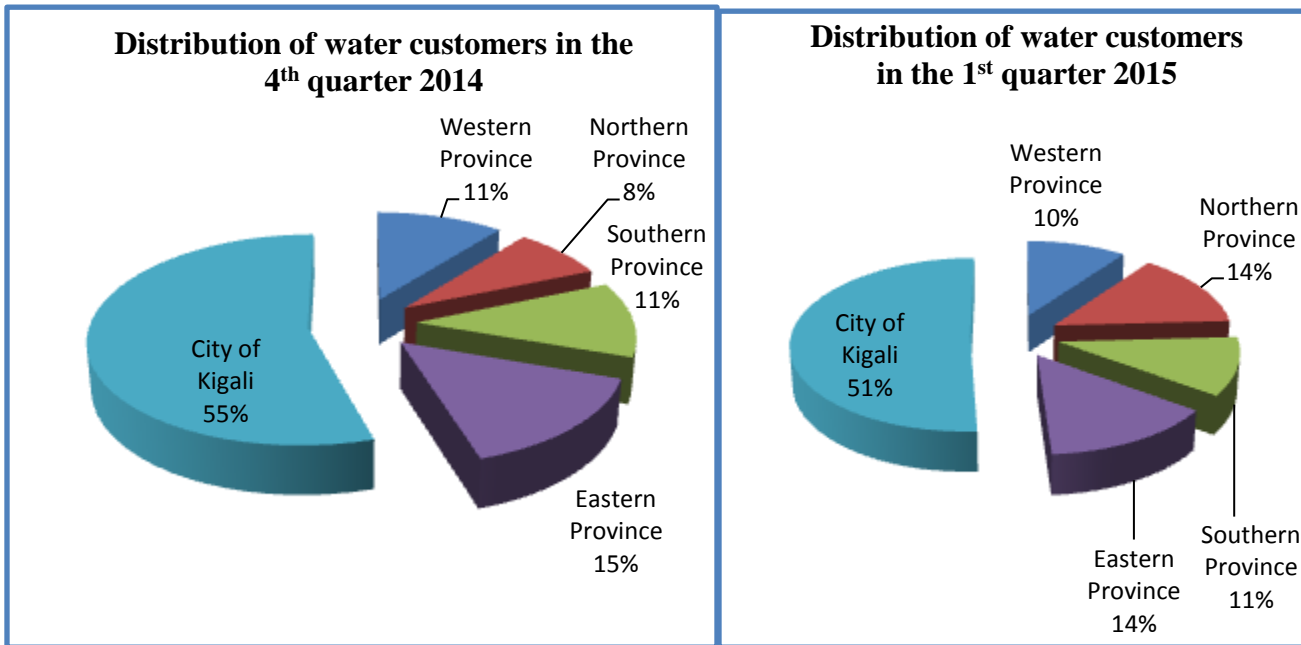


Figure 2: Distribution of customers across provinces and the City of Kigali as of the last two quarters 2015



In the first quarter the customer share of the City of Kigali decreased from 55% recorded in the fourth 2014 to 51% recorded in the 1st quarter 2015. The Southern province maintained their customer shares, where as, Eastern, Northern and Western increased experienced increase in the customer share.

Table 2: Water Treatment plants, their installed and production capacity as of March 2015

Supplied City, Town or Center		Name of water treatment plant	Date of installation/extension	Installed capacity (m ³ /day)	Current Production m ³ /day	Efficiency
Kigali City	Nyarugenge, Kicukiro, Gasabo	Kimisagara WTP				
		Sources (Mburabuturo, Rwamapara, Kizanye, Byimana, Gihogwe, Jali)	1981/1988	24,000	23,200	97%
		Sources (Mburabuturo, Rwamapara, Kizanye, Byimana, Gihogwe, Jali)		6,000	5,500	92%
		Karenge WTP	1975/2004	12,000	14,500	121%
Southern	HUYE	Kadahokwa WTP	1982/2005	8,500	5,500	65%
	MUHANGA	Gihuma WTP	1987	1,900	2,200	116%
	NYANZA & RUHANGO	Mpanga WTP	1984/2006	3,600	1,600	44%
	NYAMAGABE	Gisuma WTP	1987/2005	1,400	1,212	87%
	NYARUGURU	Nyabimata WTP	2013	1,800	1,510	84%
	NYARUGURU	Mata wtp	2013	600	450	75%
Western	RUBAVU	Gihira WTP	1987	8,640	9,000	104%
	RUSIZI	Cyunyu WTP	1987	1,200	1,250	104%
	RUSIZI	Ruhondo source	2010	500	650	130%
	RUSIZI	Kibonabose	2013	400	450	113%
	RUSIZI	Gashyha- Muganza	2014	1,500	1,600	107%
	KARONGI	Rubengera Source	2012	500	550	110%

	KARONGI	Kanyabusage WTP	1986	420	786	187%
Northern	MUSANZE	Mutobo WTP	1987	12,500	12,000	96%
	GICUMBI	Miyove - Rusekera	2013	150	135	90%
	GICUMBI	Nyamabuye WTP	1988	900	1,063	118%
	RULINDO	Cyungo - Rukozo	2013	200	182	91%
Eastern	RWAMAGANA	Muhazi WTP	1986/2004	3,700	3,000	81%
	KAYONZA	Kazabazana	2013	400	390	98%
	KAYONZA	Cyatokwe	2013	600	680	113%
	BUGESERA	Ngenda WTP	1998/2014	4,400	3,500	80%
	BUGESERA	Rwakibilizi	2012	350	380	109%
	NGOMA	Rwasaburo WTP	1986	850	625	74%
	NGOMA	Bunono	2009	800	725	91%
	GATSIBO	Rwasama	2013	250	305	122%
	GATSIBO	Rwobe - Gashure	2013	150	155	103%
	GATSIBO	Kanwiriri	2013	150	185	123%
	GATSIBO	Byimana	2013	250	256	102%
	GATSIBO	Rwabigeyo	2013	300	300	100%
	GATSIBO	NKG	2013	50	55	110%
	NYAGATARE	Cyondo	1998	2,000	2,106	105%
	NYAGATARE	Gihengeri	1998	2,000	2,220	111%
	NYAGATARE	Nyabwishongwezi	2002	300	220	73%
	NYAGATARE	Tovu	2006	400	500	125%
	Average Total production: m3/day			153,160	126,940	83%

Source: WASAC

2. Water supplied & Billed

Table 3: Water supplied, Water billed, loss and efficiency

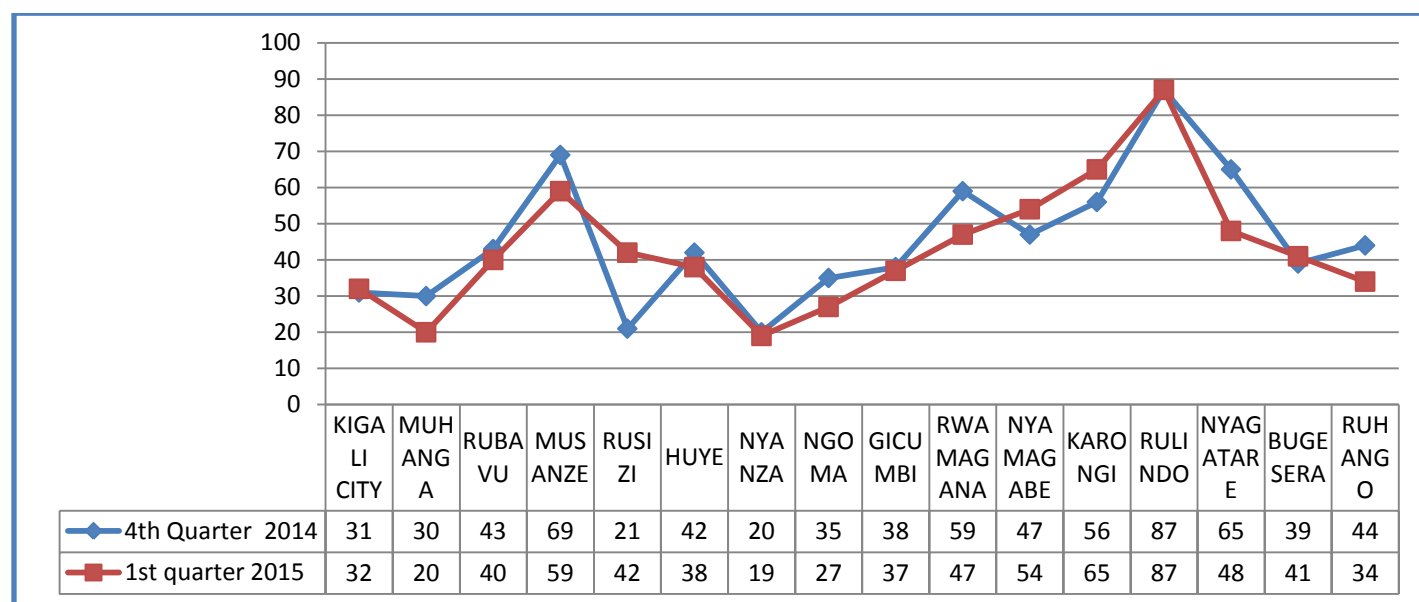
Branch	January- March 2015									
	Supplied Water (m3)			Total	Billed Water (m3)			Total	Loss (m3)	Efficiency
	15-Jan	15-Feb	15-Mar		15-Jan	15-Feb	15-Mar			
KIGALI CITY	1,852,595	1,636,819	1,808,955	5,298,369	1,291,609	1,195,029	1,142,197	3,628,835	1,669,534	68%
MUHANGA	66,035	60,667	68,078		194,780	57,406	49,040	49,941	156,387	38,392
RUBAVU	260,695	222,272	254,935	737,902	168,164	129,906	142,325	440,395	297,507	60%
MUSANZE	353,846	322,156	246,405	922,407	129,712	131,282	113,205	374,199	548,209	41%
RUSIZI	103,351	91,855	100,580	295,786	56,509	62,619	51,599	170,727	125,059	58%
HUYE	165,594	133,146	166,237	464,977	99,345	96,057	92,686	288,088	176,888	62%
NYANZA	33,066	30,337	33,973	97,376	26,861	26,589	25,038	78,488	18,888	81%
NGOMA	38,605	33,138	40,138	111,881	30,050	27,141	24,757	81,948	29,933	73%
GICUMBI	38,177	34,054	38,068	110,299	22,165	25,563	21,399	69,127	41,172	63%
RWAMAGANA	162,927	147,280	162,406	472,613	85,679	84,182	80,535	250,396	222,217	53%
NYAMAGABE	84,661	70,458	89,106	244,225	37,539	32,184	41,731	111,454	132,771	46%
KARONGI	60,960	61,091	68,692	190,743	21,928	23,042	22,307	67,277	123,465	35%

RULINDO	4,145	7,445	4,802	16,392	526	740	933	2,199	14,192	13%
NYAGATARE	152,974	130,267	135,191	418,432	68,445	79,526	70,801	218,772	199,660	52%
BUGESERA	98,936	82,041	106,152	287,129	58,385	54,775	56,669	169,829	117,300	59%
RUHANGO	20,106	17,550	20,200	57,856	13,066	10,565	14,591	38,222	19,635	66%
Total	3,496,672	3,080,575	3,343,917	9,921,167	2,167,389	2,028,240	1,950,714	6,146,343	3,774,821	62%

Source: WASAC

The difference between water supplied and billed constitutes water losses. From the above table, it is observed that Water supplied in WASAC network is 9,921,167M³ total water billed is 6,146,343 M³. This shows that 38% of water supplied is lost due to technical problems and commercial setbacks. The technical problems are mainly related to worn out water networks.

Table 4: Water losses for the last two quarters



Source: WASAC

Table 5: Applicable tariff by consumption block (VAT inclusive)

Category	End of March 2015
0-5 m³	240
0-5 m³	240
6-20 m³	300
21-50 m³	400
51-100 m³	650

> 100 m ³	740
Industries	593

Source: WASAC

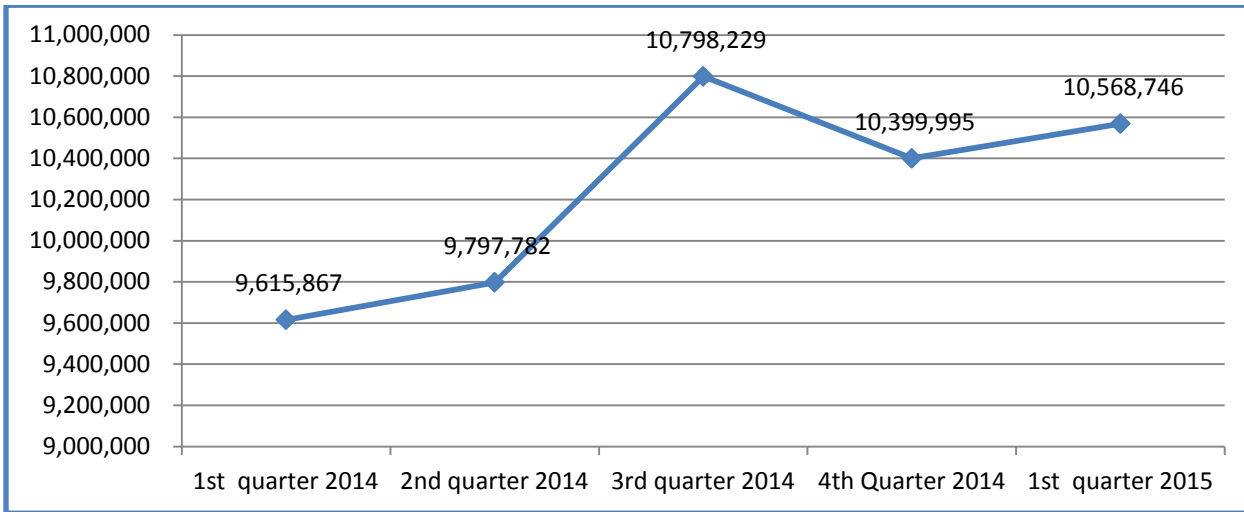
Since 2008 up to date, the tariffs for water have remained unchanged for all water consumption blocks.

Table 6: Water production in the first Quarter 2015(M³)

WTP	15-Jan	15-Feb	15-Mar	Total
Kimisagara	793,137	722,261	795,172	2,310,570
Karenge	468,872	418,061	468,882	1,355,815
NZOVE	810,008	690,445	753,423	2,253,876
Kadahokwa	174,511	140,006	177,696	492,213
Gihira	275,506	236,467	271,851	783,824
Mutobo	364,834	332,154	254,057	951,045
Gihuma	75,873	69,596	78,452	223,921
Cyunyu	62,290	55,718	60,278	178,286
Gisuma	38,869	35,861	40,866	115,596
Mpanga	50,093	44,839	51,083	146,015
Muhazi	102,693	93,192	102,731	298,616
Rwasaburo	39,830	34,189	41,410	115,429
Kanyabusage	62,915	62,980	70,972	196,867
Nyamabuye	35,226	32,004	35,428	102,658
Nyagatare	157,705	134,296	139,372	431,373
Ngenda	105,042	87,431	112,157	304,630
Miyove-Rusekera	4,163	3,131	3,848	11,142
Mata	16,674	16,729	15,661	49,064
Nyabimata	36,347	23,410	40,421	100,178
Cyungo-Rukozo	4,273	7,675	4,950	16,898
Kibonabose	10,720	9,410	10,130	30,260
Gashyuha	34,780	30,910	34,780	100,470
Total	3,724,361	3,280,765	3,563,620	10,568,746

Source: WASAC

Figure 3: Water production trend in 2014



Source: WASAC

In this under review water production increased by 1.6% from 10,399,995M³ recorded in the fourth quarter 2014 to 10,568,746M³ recorded in the first quarter 2015.

PART II. SANITATION SUBSECTOR

There is an increased need of proper hygiene in the City of Kigali and other parts of the country. To achieve this, there is need of professional and competitive companies to offer these services. It is in this regard, that Cleaning and Solid waste and transportation companies' numbers have continued to increase as it is depicted in table 7 and table 8.

CLEANING SERVICES

Table 7: List of newly licensed cleaning companies in the fourth quarter 2014

		Date of Licensing	Expiry Date
1	KIGALI MULTISERVICE COOPERATIVE (KMC)	08 January 2015	08 January 2017
2	ABITANGA GICUMBI LTD	12 January 2015	12 January 2017
3	MUB CLEANER COMPANY LTD	05 February 2015	05 February 2017
4	CARE GENERAL BUSINESS LTD	16 February 2015	16 February 2017
5	DIFFICULT ACCESS SOLUTIONS LTD	26 February 2015	26 February 2017
6	WISDOM SUPPLY LTD	11 March 2015	11 March 2017
7	SAFACO LTD	13 March 2015	13 March 2017
8	COMFORT SAFARIS LTD	13 March 2015	13 March 2017
9	HIGH ELECTRO CENTRE LTD	19 March 2015	19 March 2017

10	NEW LIFE NT & MV LTD	30 March 2015	30 March 2017
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Source: WASAC

The number of licensed cleaning companies increased from 125 as of December 2014 to 135 as of March 2015, this represents an increase of 8%. This increase is attributed to RURA campaigns to public institutions to make the cleaning license a condition for operators to get cleaning contracts in these institutions.

SOLID WASTE COLLECTION AND TRANSPORTATION

One operator in solid waste collection and transportation was licensed in the quarter under review namely G.A.P.M in Northern Province in GICUMBI district.

Table 8: New Licensed operator in solid waste collection and transportation as of the first quarter 2015

	COMPANY NAME	Date of Licensing	Expiry Date
1	New life NT & MVK LTD	09/02/2015	02/03/2020
2	GEBUR Multi-Business Ltd	17/03/2015	14/04/2018
3	BUSMED Ltd	08/01/2015	27/02/2018
4	Cooperative Indatwa (Inkeragutabara)	28/01/2015	20/02/2020

The number of licensed solid waste collection and transportation companies increased from 16 as of December 2014 to 20 as of March 2015.