



**WATER STATISTICS REPORT AS OF JUNE OF THE YEAR
2021**

**Prepared by:
Economic Regulation Unit**

TABLE OF CONTENTS

TABLE OF CONTENTS.....	i
LIST OF TABLES.....	ii
LIST OF FIGURES.....	ii
PART I. WATER.....	1
1. Urban water supply.....	1
1.1. Urban water subscribers.....	1
1.2. Urban water tariff.....	2
1.3. Water produced, supplied and billed.....	3
1.3.1. Water production.....	3
1.3.2. Water supplied into the network.....	4
1.3.3. Water billed.....	5
1.4. Rural water tariff.....	5

LIST OF TABLES

Table 1: Trend of urban water subscribers per province and City of Kigali	1
Table 2: Trends of WASAC customers per category of subscribers	1
Table 3: Applicable tariff for WASAC customers by consumption block (VAT exclusive).....	2
Table 4: Trend of water production (m ³) per treatment plant.....	3
Table 5: Trend of water supplied (m ³) from Q2 2020 to Q2 2021	4
Table 6: Trend of water billed (m ³) from Q2 2020 to Q2 2021.....	5
Table 7: Application rural water tariffs per water system (VAT exclusive)	5

LIST OF FIGURES

Figure 1: Trend of WASAC customers from June 2020 to June 2021	2
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PART I. WATER

1. Urban water supply

1.1. Urban water subscribers

As of June 2021, the number of urban and peri-urban water subscribers served by WASAC Ltd increased to 263,344 from 246,941 connections recorded at the end of March 2021, which represents an increase of 6.6 percent. The 50.2% of these connections are in the City of Kigali while 49.8% of them are distributed in the provinces. This difference is mainly attributed to the fact that, some people and institutions in the provinces are served by Rural Water Service Providers.

Table 1: Trend of urban water subscribers per province and City of Kigali

Location	March 2021	June 2021	Variation (%)
City of Kigali	126,103	132,198	4.8
Southern province	31,941	34,327	7.5
Western province	22,962	27,180	18.4
Northern province	21,174	22,198	4.8
Eastern province	44,761	47,441	6.0
Total	246,941	263,344	6.6

Source: WASAC reports

At the end of June 2021, the 91.6% of urban water subscribers are in the category of residential, whereas the remaining 8.4% are in the category of non-residential, industrial, and public standpipes.

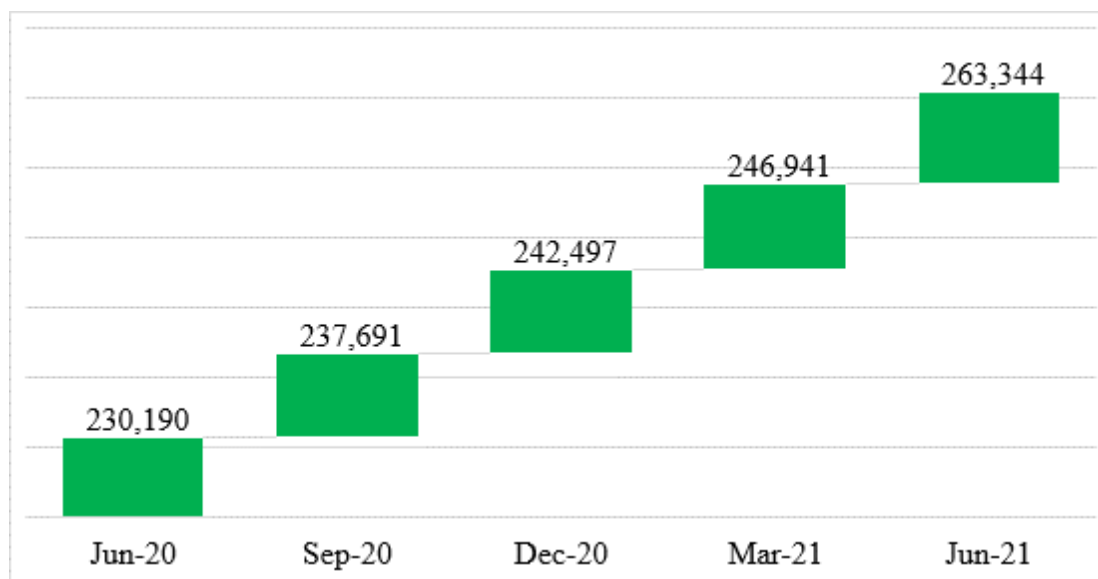
Table 2: Trends of WASAC customers per category of subscribers

Category of customers	March 2021	June 2021	Variation (%)
Residential connections	226,367	241,186	6.5
Non-residential connections	15,244	15,807	3.7
Industrial connections	261	289	10.7
Public standpipes (BF)	5,069	6,062	19.6
Total	246,941	263,344	6.6

Source: WASAC reports

At the end of June 2021, the number of connected customers increased to 263,344 from 230,190 recorded at the end of June of the year 2020, representing an increase of 14.4%.

Figure 1: Trend of WASAC customers from June 2020 to June 2021



Source: WASAC reports

1.2. Urban water tariff

Table 3: Applicable tariff for WASAC customers by consumption block (VAT exclusive)

Customer category	Monthly consumption block	Applicable tariff (Frw/m3)
Public taps	N/A	323
Residential	0-5m3	340
	6-20m3	720
	21-50m3	845
	> 50 m3	877
Non Residential	0-50m3	877
	> 50 m3	895
Industries	N/A	736

Source: Board Decision N°001/BD/WAT/RURA/2019

1.3. Water produced, supplied and billed

1.3.1. Water production

During this quarter under review, the total quantity of water produced by WASAC Ltd for supplying in its service area stood at 15.8 million cubic meters compared to 12.9 million cubic meters reported in Q2 2020. The below table shows the trend of water produced from Q2 2020 to Q2 2021 by water treatment plant.

Table 4: Trend of water production (m³) per treatment plant

Name of WTP	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021
Kanyonyomba	167,130	288,434	272,804	246,515	249,827
Kanyabusage	118,253	122,518	120,197	117,741	117,873
Gisuma	131,362	136,645	132,967	128,680	128,099
Shyogwe -Mayaga	153,898	147,375	151,037	163,467	154,303
Nyamabuye	152,579	167,933	182,782	188,189	174,628
Rwasaburo	163,836	191,146	159,591	160,767	170,002
Gihuma	315,132	350,481	345,183	348,669	365,775
Ngenda	304,660	314,748	304,768	294,171	278,056
Mpanga	273,614	317,354	330,040	301,961	337,805
Cyunyu	211,179	210,549	186,187	212,456	391,797
Kadahokwa	475,587	513,682	531,916	516,694	545,329
Muhazi	495,837	529,826	532,565	546,632	600,194
Mutobo	638,450	671,430	679,530	677,900	724,340
Nyagatare	570,415	779,818	702,130	760,341	758,986
Gihira	722,436	747,499	704,215	790,367	861,742
Karenge	1,378,721	1,367,279	1,329,837	1,353,355	1,276,158
Kimisagara	1,568,163	2,124,225	2,265,537	2,311,411	2,255,925
Nzove	5,137,402	5,757,328	5,360,790	5,055,352	4,852,349
Kanzenze	-	-	-	504,681	1,571,642
Total	12,978,654	14,738,270	14,292,076	14,679,349	15,814,830

Source: WASAC reports

1.3.2. Water supplied into the network

During this quarter under review, the quantity of water supplied into the network was 14.9 million cubic meters. The difference of 835,706 cubic meters between water produced and supplied is an estimated water loss mainly from back washing and network flushing. In addition, the quantity of water supplied grew to 14.9 million cubic meters in Q2 2021 compared to 12.2 million cubic meters recorded in Q2 2020.

Table 5: Trend of water supplied (m³) from Q2 2020 to Q2 2021

Location	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021
Kigali city	7,320,792	8,297,478	8,064,504	7,783,287	9,177,727
Bugesera	462,365	598,345	568,580	563,182	515,296
Gicumbi	148,761	164,771	182,423	188,027	174,466
Huye	449,612	486,324	516,946	487,799	485,993
Karongi	118,205	122,468	120,150	117,694	117,819
Muhanga	312,388	318,181	326,948	319,374	354,265
Musanze	650,598	671,255	679,365	677,725	605,607
Ngoma	158,041	191,101	159,550	160,767	169,936
Nyagatare	562,945	769,611	691,813	749,845	748,006
Nyamagabe	130,105	135,244	131,572	127,187	126,885
Nyanza	183,010	217,168	226,118	252,849	237,496
Rubavu	710,296	735,658	693,106	751,198	812,520
Ruhango	110,577	168,381	197,247	191,735	202,965
Rusizi	211,167	210,306	185,826	185,826	391,601
Rwamagana	717,267	767,651	719,735	781,213	858,542
Total	12,246,129	13,853,942	13,463,883	13,337,708	14,979,124

Source: WASAC reports

1.3.3. Water billed

During the second quarter of year 2021, the quantity of water billed was 8.3 million cubic meters compared to 6.9 million cubic meters recorded in Q2 2020.

Table 6: Trend of water billed (m³) from Q2 2020 to Q2 2021

Location	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021
Kigali city	4,313,360	5,059,624	4,817,974	4,754,200	5,169,485
Bugesera	262,392	358,366	301,082	315,416	357,450
Gicumbi	83,611	109,533	87,164	94,600	86,498
Huye	231,743	248,300	263,206	278,501	281,623
Karongi	62,111	73,366	68,273	70,015	68,227
Muhanga	164,440	183,157	183,669	179,604	181,364
Musanze	395,565	478,313	422,382	445,959	481,686
Ngoma	102,809	131,110	98,765	103,974	111,786
Nyagatare	220,829	360,042	251,888	269,968	287,770
Nyamagabe	92,470	100,520	95,696	97,968	92,001
Nyanza	99,688	132,220	129,697	130,244	133,885
Rubavu	372,337	406,342	377,582	386,064	414,509
Ruhango	52,035	94,450	90,450	94,852	95,444
Rusizi	146,867	179,627	142,072	132,500	160,392
Rwamagana	329,982	459,336	351,935	367,842	395,677
Total	6,930,239	8,374,306	7,681,835	7,721,707	8,317,797

Source: WASAC reports

1.4. Rural water tariff

Table 7: Application rural water tariffs per water system (VAT exclusive)

Water system	Tariff RWF/m ³	Tariff RWF/Jerrican
Gravity	287	7
Electricity pumping	731	17
Diesel Pumping	921	21
Turbo	689	16
Complex System	597	14

Source: Board Decision N°06/BD/ER-LER/RURA/2016