



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

**Prepared by:
Economic Regulation Unit**

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PART I. WATER

1. Urban water supply

1.1. Urban water subscribers

As of March 2021, the number of urban and peri-urban water subscribers served by WASAC Ltd increased to 246,941 from 242,497 connections recorded at the end of December 2020, which represents an increase of 1.8 percent. The 51% of these connections are in the City of Kigali while 49% 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: Trends of urban water subscribers per province and City of Kigali

Province	Jun-20	Sep-20	Dec-20	Mar-21
City of Kigali	117,926	121,636	124,234	126,103
Southern province	29,667	30,654	31,212	31,941
Western province	22,159	22,540	22,648	22,962
Northern province	19,651	20,199	20,702	21,174
Eastern province	40,787	42,662	43,701	44,761
Total	230,190	237,691	242,497	246,941

Source: WASAC reports

At the end of March 2021, the 91.7 % of urban water subscribers are in the category of residential, whereas the remaining 8.3% are in the category of non-residential, industrial, and public standpipes.

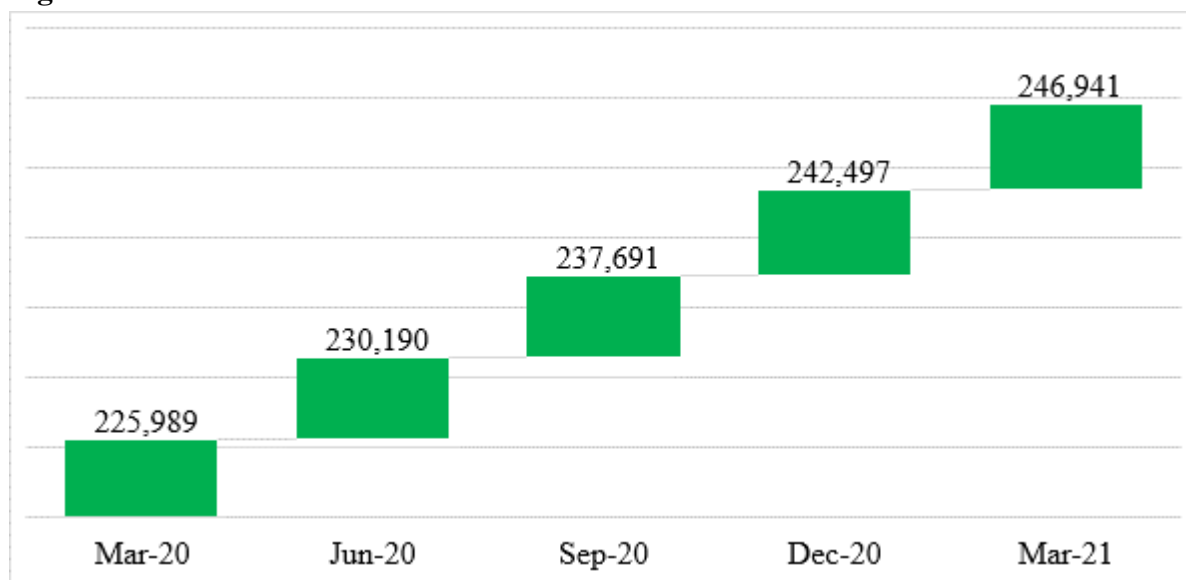
Table 2: Trends of WASAC customers per category of subscribers

Category of customers	Jun-20	Sep-20	Dec-20	Mar-21
Residential connections	210,217	217,395	221,959	226,367
Non-residential connections	15,031	15,111	15,254	15,244
Industrial connections	241	249	256	261
Public standpipes(BF)	4,701	4,936	5,028	5,069
Total	230,190	237,691	242,497	246,941

Source: WASAC reports

At the end of March 2021, the number of connected customers increased to 246,941 from 225,989 recorded at the end of March of the year 2020, representing an increase of 9.3%.

Figure 1: Trend of WASAC customers from March 2020 to March 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/m ³)
Public taps	N/A	323
Residential	0-5m ³	340
	6-20m ³	720
	21-50m ³	845
	> 50 m ³	877
Non Residential	0-50m ³	877
	> 50 m ³	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 supply- ing in its service area stood at 14.6 million cubic meters from 14.2 million cubic meters reported in Q4 2020. The below table shows the trend of water produced from Q2 2020 to Q1 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
Kanyonyomba	167,130	288,434	272,804	246,515
Kanyabusage	118,253	122,518	120,197	117,741
Gisuma	131,362	136,645	132,967	128,680
Shyogwe -Mayaga	153,898	147,375	151,037	163,467
Nyamabuye	152,579	167,933	182,782	188,189
Rwasaburo	163,836	191,146	159,591	160,767
Gihuma	315,132	350,481	345,183	348,669
Ngenda	304,660	314,748	304,768	294,171
Mpanga	273,614	317,354	330,040	301,961
Cyunyu	211,179	210,549	186,187	212,456
Kadahokwa	475,587	513,682	531,916	516,694
Muhazi	495,837	529,826	532,565	546,632
Mutobo	638,450	671,430	679,530	677,900
Nyagatare	570,415	779,818	702,130	760,341
Gihira	722,436	747,499	704,215	790,367
Karenge	1,378,721	1,367,279	1,329,837	1,353,355
Kimisagara	1,568,163	2,124,225	2,265,537	2,311,411
Nzove	5,137,402	5,757,328	5,360,790	5,055,352
Kanzenze	N/A	N/A	N/A	504,681
Total production	12,978,654	14,738,270	14,292,076	14,679,349

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 13.3 million cubic meters from 12.2 million cubic meters reported in Q2 2020.

Table 5: Trend of water supplied (m³) from Q2 2020 to Q1 2021

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

Source: WASAC reports

1.3.3. Water billed

During the first quarter of year 2021, the quantity of water billed was 7.7 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 Q1 2021

Location	Q2 2020	Q3 2020	Q4 2020	Q1 2021
Kigali City	4,313,360	5,059,624	4,817,974	4,754,200
Bugesera	262,392	358,366	301,082	315,416
Gicumbi	83,611	109,533	87,164	94,600
Huye	231,743	248,300	263,206	278,501
Karongi	62,111	73,366	68,273	70,015
Muhanga	164,440	183,157	183,669	179,604

Location	Q2 2020	Q3 2020	Q4 2020	Q1 2021
Musanze	395,565	478,313	422,382	445,959
Ngoma	102,809	131,110	98,765	103,974
Nyagatare	220,829	360,042	251,888	269,968
Nyamagabe	92,470	100,520	95,696	97,968
Nyanza	99,688	132,220	129,697	130,244
Rubavu	372,337	406,342	377,582	386,064
Ruhango	52,035	94,450	90,450	94,852
Rusizi	146,867	179,627	142,072	132,500
Rwamagana	329,982	459,336	351,935	367,842
Total	6,930,239	8,374,306	7,681,835	7,721,707

Source: WASAC reports

1.4.Rural water tariff

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

Water system	Tariff RWF/m³	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