



**WATER STATISTICS REPORT FOR THE THIRD QUARTER
(JULY-SEPTEMBER) 2022**

Disclaimer: Information provided in this report is subject to alteration in case of any revisions or updates deemed necessary.

TABLE OF CONTENTS

TABLE OF CONTENTS.....	ii
LIST OF TABLES.....	iii
LIST OF FIGURES	iii
1. Urban water subscribers.....	1
2. Water produced, supplied and billed.....	2
2.1. Water production	2
2.2. Water supplied into the network.....	3
2.3. Water billed.....	4
3. Urban water tariff	4
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 4: Trend of water production (m ³) per treatment plant.....	2
Table 5: Trend of water supplied (m ³) from Q3 2021 to Q3 2022	3
Table 6: Trend of water billed (m ³) from Q3 2021 to Q3 2022.....	4
Table 3: Applicable tariff for WASAC customers by consumption block (VAT exclusive).....	4
Table 7: Application rural water tariffs per water system (VAT exclusive)	5

LIST OF FIGURES

Figure 1: Trend of WASAC customers from September 2020 to September 2022	2
--	---

1. Urban water subscribers

At the end of the 3rd quarter 2022, the number of water subscribers served by WASAC Ltd increased from 287,608 as of June 2022 to 292,239 as of September 2022, which represents an increase of 1.6%. These water connections include public standpipes serving people without water at their homes. The 48.3% of WASAC subscribers are in the City of Kigali while 51.7% of them are distributed in the provinces.

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

Province	Sep-2021	Dec-2021	Mar- 2022	Jun- 2022	Sep-2022
City of Kigali	135,755	137,989	138,122	139,485	141,096
Southern province	35,328	35,935	37,013	39,061	39,852
Western province	27,551	27,848	28,119	28,549	29,133
Northern province	22,783	23,204	23,943	24,464	24,785
Eastern province	49,614	50,636	55,270	56,049	57,373
Total	271,031	275,612	282,467	287,608	292,239

Source: WASAC reports

During the quarter under review, the 91.7% of WASAC customers are in the category of residential, whereas the remaining 8.3% are in the category of non-residential, industrial, and public standpipes.

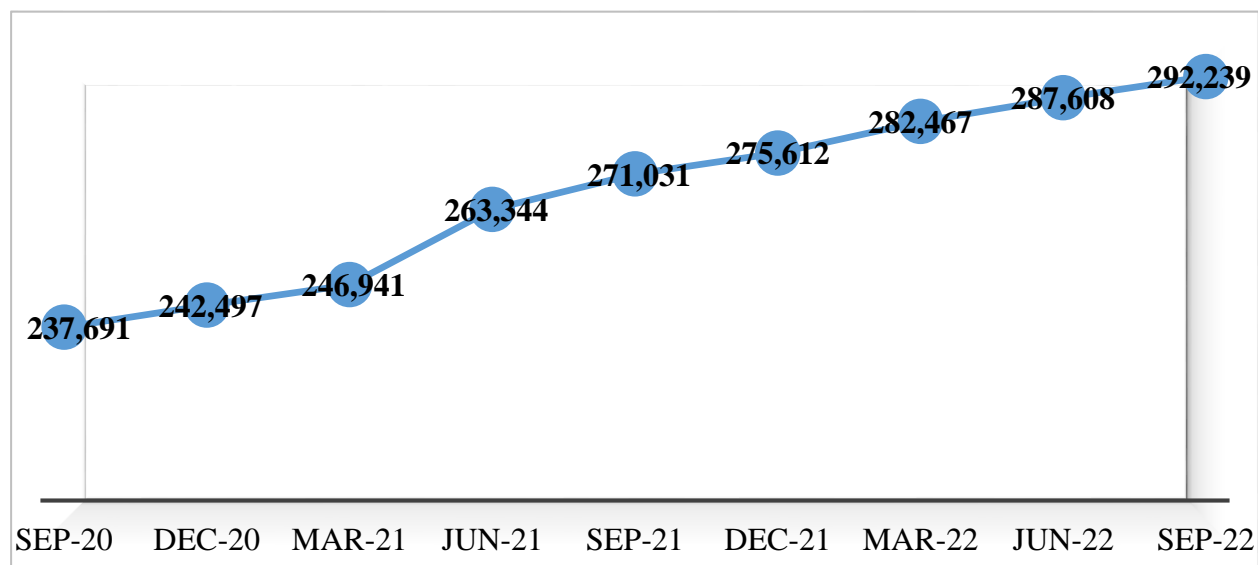
Table 2: Trends of WASAC customers per category of subscribers

Category of customers	Sep-2021	Dec-2021	Mar- 2022	Jun-2022	Sep-2022
Residential connections	248,652	253,055	259,673	263,708	268,057
Non-residential connections	15,960	16,060	16,161	16,779	16,929
Industrial connections	297	300	308	322	325
Public standpipes (BF)	6,122	6,197	6,325	6,799	6,928
Total	271,031	275,612	282,467	287,608	292,239

Source: WASAC reports

The number of connected customers increased from 271,031 as of September 2021 to 292,239 as of September 2022, representing an increase of 7.8%. The figure below displays the trend of WASAC connections from September 2020 up to September of the year 2022.

Figure 1: Trend of WASAC customers from September 2020 to September 2022



Source: WASAC reports

2. Water produced, supplied and billed

2.1. Water production

During the quarter under review, the total quantity of water produced by WASAC Ltd for supply in its service area stood at 18.6 million cubic meters in comparison to 17.4 million cubic meters reported in Q3 2021, which represents an increase of 7.1% whereas there was 6.5% increase in comparison to Q2 2022. The below table illustrates the trend of water produced from Q3 2021 to Q3 2022 by water treatment plant.

Table 3: Trend of water production (m³) per treatment plant

Name of WTP	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022
Cyunyu	428,151	416,854	382,303	390,914	384,565
Gihira	815,707	1,002,600	946,092	1,077,364	1,082,935
Gihuma	365,985	348,905	335,811	362,721	346,776
Gisuma	133,408	132,729	125,169	134,591	126,866
Kadahokwa	561,226	531,800	527,914	541,633	600,633
Kanyabusage	122,514	137,564	138,718	137,665	141,253
Kanyonyomba	251,675	293,643	246,352	267,822	286,108
Kanzenze	3,068,960	3,213,705	3,221,246	3,318,069	3,301,950
Karenge	1,279,108	1,313,818	1,121,624	1,134,110	1,205,754
Kimisagara	2,200,232	2,189,548	2,190,701	2,111,680	2,137,256
Mpanga	379,308	371,353	370,339	380,920	433,969

Name of WTP	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022
Muhazi	595,637	597,735	547,416	574,613	559,824
Mutobo	1,032,940	1,119,103	988,544	847,994	852,531
Ngenda	291,304	260,490	248,577	267,867	294,531
Nyagatare	847,257	695,426	677,552	675,695	904,671
Nyamabuye	195,415	183,248	189,866	189,005	189,630
Nzove	4,529,801	4,245,224	4,405,307	4,604,217	5,201,367
Rwasaburo	195,624	185,776	181,923	204,420	245,378
Shyogwe -Mayaga	160,634	131,966	152,965	151,481	159,778
Mata	-	-	23,700	34,060	31,736
Nyabimata	-	-	50,476	75,575	56,293
Nyabahanga	-	-	-	62,490	66,620
Muhondo	-	-	-	1,464	6,398
Mwoya	-	-	-	-	74,429
Total production	17,454,886	17,371,487	17,072,595	17,546,370	18,691,251

Source: WASAC reports

2.2. Water supplied into the network

In the quarter under reporting, the quantity of water supplied into the network increased by 10.0% from 16.7 million cubic meters reported in Q3 2021 up to 18.3 million cubic meters for Q3 2022. The below Table illustrates the trend of water supplied per location.

Table 4: Trend of water supplied (m³) from Q3 2021 to Q3 2022

Location	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022
Kigali city	10,097,242	10,439,456	10,496,846	10,567,649	10,806,713
Bugesera	947,612	956,162	874,019	961,620	1,032,366
Gicumbi	195,277	183,117	189,713	190,042	193,116
Huye	538,320	514,769	515,299	533,193	601,567
Karongi	122,466	137,507	138,667	200,105	207,802
Muhanga	317,850	302,093	304,525	333,340	355,604
Musanze	1,032,689	1,118,836	988,279	847,768	852,284
Ngoma	195,624	185,739	181,923	204,420	245,378
Nyagatare	834,891	683,246	667,317	681,413	893,429
Nyamagabe	131,996	131,352	198,164	242,407	213,164
Nyanza	247,522	247,351	231,738	227,437	283,101
Rubavu	726,921	998,623	945,327	1,035,537	1,062,529
Ruhango	255,541	221,260	212,738	294,085	275,665
Rusizi	427,672	416,613	382,186	390,808	450,587
Rwamagana	631,193	646,345	591,705	625,997	895,236
Total	16,702,816	17,182,468	16,918,446	17,335,821	18,368,541

Source: WASAC reports

2.3. Water billed

During the 3rd quarter 2022, the quantity of water billed was 10.9 million cubic meters in comparison to 10.0 million cubic meters recorded in Q3 2021. The below table displays the trends of billed water from the third quarter of 2021 up to the third quarter of the year 2022.

Table 5: Trend of water billed (m³) from Q3 2021 to Q3 2022

Location	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022
Kigali city	6,149,079	5,656,146	5,486,573	5,749,750	6,559,468
Bugesera	549,224	503,825	469,436	546,918	602,049
Gicumbi	106,895	80,223	72,777	72,829	97,858
Huye	336,674	304,170	273,665	290,040	351,673
Karongi	81,241	76,125	78,943	88,094	93,814
Muhanga	208,181	199,239	193,061	195,011	219,066
Musanze	563,110	492,388	531,484	545,431	644,513
Ngoma	145,170	117,398	114,695	124,200	156,917
Nyagatare	390,463	260,307	286,439	278,228	422,096
Nyamagabe	97,081	92,561	90,861	120,018	119,322
Nyanza	156,062	146,333	152,626	157,902	199,625
Rubavu	421,456	439,322	458,348	476,928	543,985
Ruhango	109,829	103,809	93,194	106,035	118,193
Rusizi	201,102	184,188	181,737	183,009	217,871
Rwamagana	552,018	435,611	420,582	472,438	603,047
Total	10,067,584	9,091,645	8,904,421	9,406,830	10,949,497

Source: WASAC reports

3. Urban water tariff

Table 6: 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

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