



**WATER STATISTICS REPORT AS OF THE THIRD QUARTER  
(JULY-SEPTEMBER) OF THE YEAR 2023**

**Disclaimer:** Information provided in this report is subject to alteration in case of any revision or update deemed necessary.

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## 1. Urban water subscribers

In the third quarter 2023, the number of water subscribers served by WASAC Ltd increased from 326,471 as of June 2023 up to 335,442 recorded at the end of September 20223, which represents an increase of 2.7%. The 48.4% of subscribers served by WASAC branches are located in the City of Kigali while 51.6% of them are distributed in the provinces. These water connections include public standpipes serving people without water connection at their homes.

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

Province	Sep-2022	Dec-2022	Mar- 2023	Jun- 2023	Sep-2023
City of Kigali	141,096	145,878	151,372	157,725	162,287
Southern province	39,852	41,717	43,334	44,686	45,880
Western province	29,133	32,119	32,506	32,840	33,453
Northern province	24,785	25,872	26,479	27,208	27,835
Eastern province	57,373	62,366	63,405	64,012	65,987
<b>Total</b>	<b>292,239</b>	<b>307,952</b>	<b>317,096</b>	<b>326,471</b>	<b>335,442</b>

Source: WASAC reports

During the quarter under review, the 92.0% of WASAC customers are in the category of residential, whereas the remaining 8.0% falls in the category of non-residential, industrial and public standpipes.

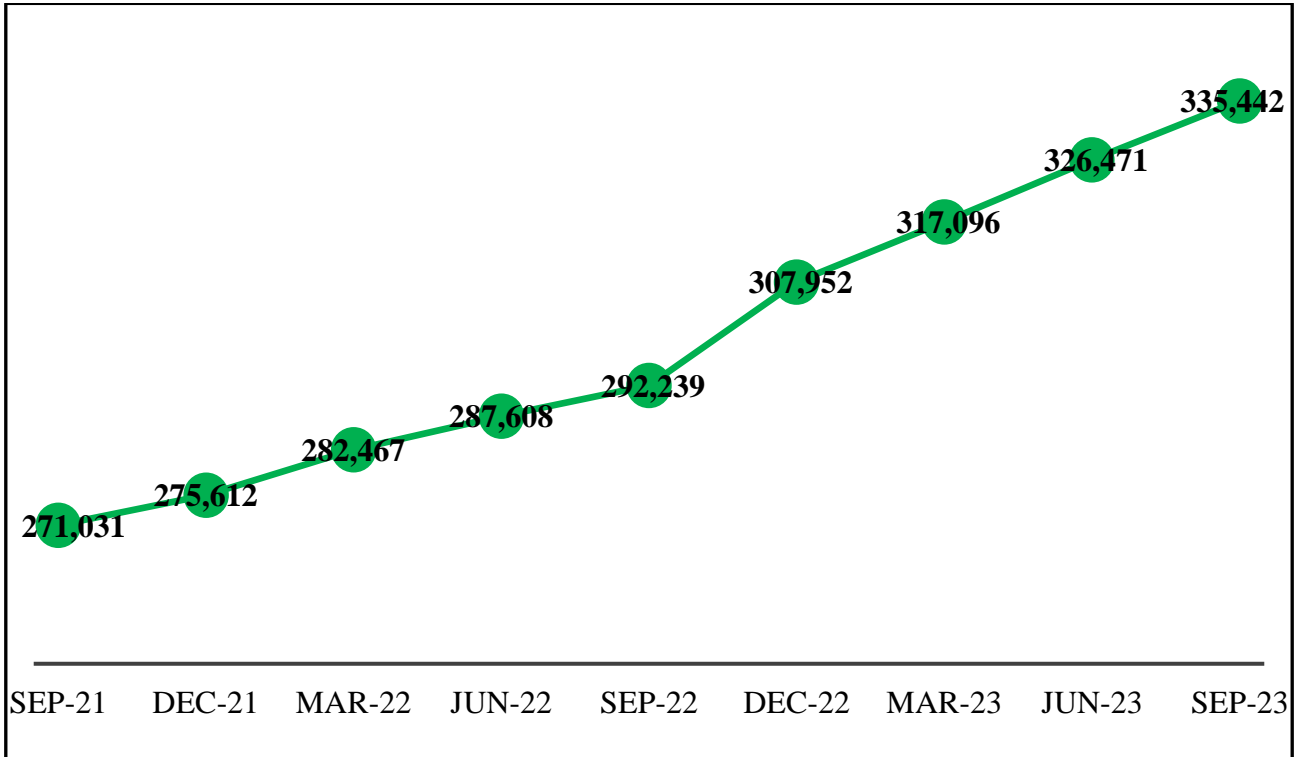
**Table 2: Trends of WASAC customers per category of subscribers**

Category of customers	Sep-2022	Dec-2022	Mar- 2023	Jun-2022	Sep-2023
Residential connections	268,057	282,573	291,280	300,187	308,713
Non-residential connections	16,929	17,916	18,228	18,574	18,919
Industrial connections	325	340	354	394	402
Public standpipes	6,928	7,123	7,234	7,316	7,408
<b>Total</b>	<b>292,239</b>	<b>307,952</b>	<b>317,096</b>	<b>326,471</b>	<b>335,442</b>

Source: WASAC reports

The number of connected customers increased up to 335,442 as of September 2023 which shows an increase of 14.8% in comparison to 292,239 connections recorded at the end of September 2022. The below figure displays the trend of WASAC connections from Q3 2021 up to the end of third quarter of the year 2022.

**Figure 1: Trend of WASAC customers from Q3 2021 to Q3 2023**



Source: WASAC reports

## **2. Water produced, supplied and billed**

### **2.1. Water production**

In the third quarter 2023, the total quantity of water produced by WASAC Ltd for supplying in its service area stood at 19.8 million cubic meters in comparison to 18.6 million cubic meters recorded in Q3 2022, which represents an increase of 6.5%. Table 3 displays the trend of water produced for serving urban and per-urban areas from Q3 2022 to Q3 2023 by Treatment Plant.

**Table 3: Trend of water production (m<sup>3</sup>) per treatment plant**

Name of WTP	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023
Cyunyu	384,568	344,729	347,677	366,176	373,050
Gihira	1,082,935	1,049,534	1,122,956	1,104,493	1,212,367
Gihuma	346,776	301,749	325,489	321,673	287,940
Gisuma	126,866	116,801	120,010	138,071	131,265
Kadahokwa	600,633	608,162	575,673	600,279	625,643
Kanyabusage	141,253	131,859	127,828	122,675	127,827
Kanyonyomba	286,108	285,851	273,531	263,985	281,428
Kanzenze	3,301,950	3,234,799	3,273,950	3,268,090	3,022,779
Karenge	1,205,754	1,201,739	1,169,010	1,182,047	1,315,884
Kimisagara	2,137,256	2,087,518	2,033,359	2,054,678	2,090,930
Mata	31,735	28,154	34,439	37,847	38,447
Mpanga	433,686	469,522	481,519	474,653	535,313
Muhazi	558,610	543,078	520,796	533,094	544,867
Mutobo	852,530	770,847	803,909	753,747	942,497
Muhondo	6,398	-	-	-	-
Mwoya	73,830	62,270	63,990	61,360	83,610
Ngenda	294,531	241,145	262,582	271,647	305,657
Nyabahanga	66,620	55,419	36,140	36,290	36,950
Nyabimata	56,293	31,913	33,650	62,317	81,487
Nyagatare	883,342	846,577	848,978	901,329	967,154
Nyamabuye	193,703	193,250	200,888	190,695	198,614
Nzove	5,201,367	5,137,787	5,271,879	5,184,556	6,303,484
Rwasaburo	245,378	207,858	193,930	199,738	231,134
Shyogwe -Mayaga	159,778	155,123	154,261	151,928	156,005
<b>Total production</b>	<b>18,671,900</b>	<b>18,105,684</b>	<b>18,276,444</b>	<b>18,281,367</b>	<b>19,894,332</b>

Source: WASAC reports

## 2.2. Water supplied into the network

During the third quarter 2023, the quantity of water supplied into the network increased by 6.0% from 18.3 million cubic meters reported in Q3 2022 up to 19.3 million cubic meters recorded in the Q3 2023. The quantity of water supplied in the third quarter 2023 increased by 8.9% as compared to the 2<sup>nd</sup> quarter 2023 publications. The Table 4 below illustrates the trend of water supplied per location from Q3 2022 up to Q3 2023.

**Table 4: Trend of water supplied (m<sup>3</sup>) from Q3 2022 to Q3 2023**

Location	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023
Kigali city	10,806,713	10,674,462	10,738,745	10,690,676	11,592,106
Bugesera	1,032,366	1,010,850	1,023,870	1,018,669	1,109,299
Gicumbi	193,116	191,711	200,359	192,219	198,614
Huye	601,567	601,034	569,942	597,102	626,877
Karongi	207,802	187,217	163,910	158,907	164,671
Muhanga	355,604	307,444	332,961	330,376	299,497
Musanze	852,284	770,609	803,690	753,470	942,201
Ngoma	245,378	207,833	193,868	199,678	231,090
Nyagatare	893,429	836,537	838,726	891,810	956,784
Nyamagabe	213,164	175,369	183,546	205,582	249,034
Nyanza	283,101	294,745	295,436	296,382	331,833
Rubavu	1,062,529	1,031,975	1,115,372	1,056,372	1,185,544
Ruhango	275,665	293,621	290,198	280,690	296,600
Rusizi	384,544	344,649	347,543	366,003	372,928
Rwamagana	895,236	855,443	757,954	773,433	835,054
<b>Total</b>	<b>18,302,498</b>	<b>17,783,500</b>	<b>17,856,118</b>	<b>17,811,369</b>	<b>19,392,130</b>

Source: WASAC reports

### 2.3. Water billed

In the third quarter 2023, the quantity of water billed was 12.5 million cubic meters in comparison to 10.9 million cubic meters sold in Q3 2022, which represents an increase of 14.5%. The billed water has also increased by 22.6% in comparison to the second quarter of the year 2023. The below table shows the trends of billed water from the third quarter of 2022 up to the third quarter of the year 2023.

**Table 5: Trend of water billed (m<sup>3</sup>) from Q3 2022 to Q3 2023**

<b>Location</b>	<b>Q3 2022</b>	<b>Q4 2022</b>	<b>Q1 2023</b>	<b>Q2 2023</b>	<b>Q3 2023</b>
Kigali city	6,559,468	6,008,077	6,134,283	6,305,782	7,484,671
Bugesera	602,049	778,282	600,741	615,803	790,007
Gicumbi	97,858	73,052	85,550	77,853	113,835
Huye	351,673	337,227	319,509	323,433	393,060
Karongi	93,814	85,052	90,242	91,125	108,672
Muhanga	219,066	191,335	196,713	200,150	217,599
Musanze	644,513	541,674	586,650	581,336	763,568
Ngoma	156,917	118,760	125,960	130,339	180,271
Nyagatare	422,096	294,307	339,614	359,388	515,044
Nyamagabe	119,322	111,413	106,815	102,876	140,708
Nyanza	199,625	189,641	189,531	187,934	237,292
Rubavu	543,985	474,815	507,405	474,673	596,187
Ruhango	118,193	121,864	115,127	111,295	144,176
Rusizi	217,871	185,033	178,116	181,020	220,027
Rwamagana	603,047	472,933	479,390	475,291	626,988
<b>Total</b>	<b>10,949,497</b>	<b>9,983,465</b>	<b>10,055,646</b>	<b>10,218,298</b>	<b>12,532,105</b>

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 <sup>3</sup> )
Public taps	N/A	323
Residential	0-5m <sup>3</sup>	340
	6-20m <sup>3</sup>	720
	21-50m <sup>3</sup>	845
	> 50 m <sup>3</sup>	877
Non Residential	0-50m <sup>3</sup>	877
	> 50 m <sup>3</sup>	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/m <sup>3</sup>	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