



**WATER STATISTICS REPORT AS OF THE FOURTH QUARTER
(OCTOBER-DECEMBER) OF THE YEAR 2023**

Disclaimer: Information provided in this report is subject to alteration in case of any revision or update 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	4
2.3. Water billed	5
3. Urban water tariff.....	6
4. Rural water tariff.....	6

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: Trend of water production (m ³) per treatment plant	3
Table 4: Trend of water supplied (m ³) from Q4 2022 to Q4 2023.....	4
Table 5: Trend of water billed (m ³) from Q4 2022 to Q4 2023	5
Table 6: Applicable tariff for WASAC customers by consumption block (VAT exclusive)	6
Table 7: Application rural water tariffs per water system (VAT exclusive).....	6

LIST OF FIGURES

Figure 1: Trend of WASAC customers from Q4 2021 to Q4 2023	2
--	---

1. Urban water subscribers

During the quarter under reporting, the number of water customers served by WASAC increased from 335,442 as of September 2023 up to 336,956 connections recorded as of December 2023. The 48.8% of subscribers served by WASAC branches are located in the City of Kigali while 51.2% of them are distributed in the provinces. Those 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	Dec-2022	Mar- 2023	Jun- 2023	Sep-2023	Dec-2023
City of Kigali	145,878	151,372	157,725	162,287	164,351
Southern province	41,717	43,334	44,686	45,880	46,604
Western province	32,119	32,506	32,840	33,453	28,542
Northern province	25,872	26,479	27,208	27,835	28,455
Eastern province	62,366	63,405	64,012	65,987	69,004
Total	307,952	317,096	326,471	335,442	336,956

Source: WASAC reports

As of December 2023, the 92.1% of WASAC customers are in the category of residential, whereas the remaining 7.9% falls in the category of non-residential, industrial and public standpipes.

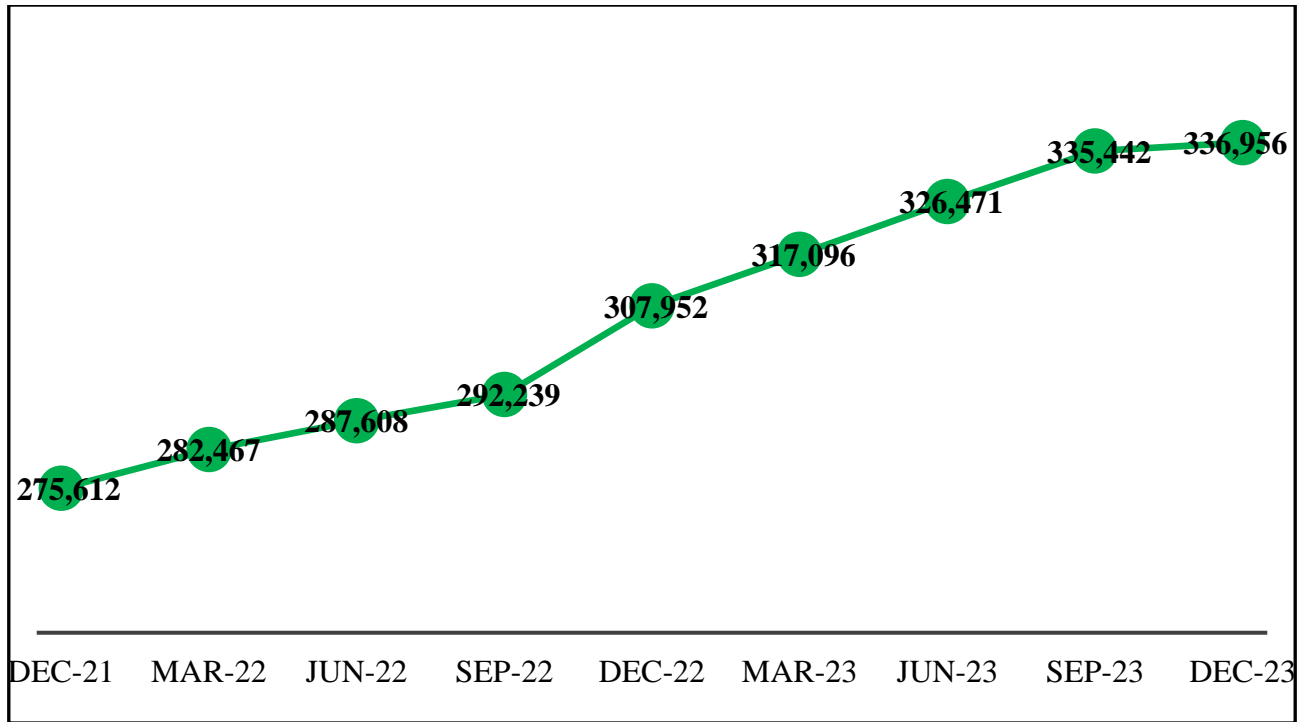
Table 2: Trends of WASAC customers per category of subscribers

Category of customers	Dec-2022	Mar- 2023	Jun-2023	Sep-2023	Dec-2023
Residential connections	282,573	291,280	300,187	308,713	310,269
Non-residential connections	17,916	18,228	18,574	18,919	18,956
Industrial connections	340	354	394	402	397
Public standpipes	7,123	7,234	7,316	7,408	7,334
Total	307,952	317,096	326,471	335,442	336,956

Source: WASAC reports

In the 4th quarter of the year 2023, the number of connected customers increased up to 336,956 as of December 2023 which shows an increase of 9.4% as compared to the 307,952 connections recorded at the end of December 2022. The below figure displays the trend of WASAC connections from Q4 2021 up to the fourth quarter of the year 2023.

Figure 1: Trend of WASAC customers from Q4 2021 to Q4 2023



Source: WASAC reports

2. Water produced, supplied and billed

2.1. Water production

During the 4th quarter of the year 2023, the total quantity of water produced by WASAC for supplying in its service area stood at 19.2 million cubic meters as compared to 18.1 million cubic meters reported in Q4 2022, which represents an increase of 6.4%. The Table 3 illustrates the trends of water produced by Water Treatment Plants for serving WASAC customers located in different WASAC branches from Q4 2022 up to Q4 2023.

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

Name of WTP	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023
Cyunyu	344,729	347,677	366,176	373,050	373,551
Gihira	1,049,534	1,122,956	1,104,493	1,212,367	1,078,655
Gihuma	301,749	325,489	321,673	287,940	316,708
Gisuma	116,801	120,010	138,071	131,265	119,066
Kadahokwa	608,162	575,673	600,279	625,643	638,089
Kanyabusage	131,859	127,828	122,675	127,827	125,889
Kanyonyomba	285,851	273,531	263,985	281,428	284,073
Kanzenze	3,234,799	3,273,950	3,268,090	3,022,779	3,189,778
Karenge	1,201,739	1,169,010	1,182,047	1,315,884	1,292,434
Kimisagara	2,087,518	2,033,359	2,054,678	2,090,930	2,039,216
Mata	28,154	34,439	37,847	38,447	26,507
Mpanga	469,522	481,519	474,653	535,313	483,557
Muhazi	543,078	520,796	533,094	544,867	581,078
Mutobo	770,847	803,909	753,747	942,497	966,902
Mwoya	62,270	63,990	61,360	83,610	86,140
Ngenda	241,145	262,582	271,647	305,657	300,133
Nyabahanga	55,419	36,140	36,290	36,950	32,460
Nyabimata	31,913	33,650	62,317	81,487	57,684
Nyagatare	846,577	848,978	901,329	967,154	835,996
Nyamabuye	193,250	200,888	190,695	198,614	171,035
Nzove	5,137,787	5,271,879	5,184,556	6,303,484	5,946,874
Rwasaburo	207,858	193,930	199,738	231,134	187,991
Shyogwe -Mayaga	155,123	154,261	151,928	156,005	122,277
Total production	18,105,684	18,276,444	18,281,367	19,894,332	19,256,093

Source: WASAC reports

2.2. Water supplied into the network

In the fourth quarter of the year 2023, the quantity of water supplied into the network increased by 5.2% from 17.7 million cubic meters recorded in Q4 2022 up to 18.7 million cubic meters as of the fourth quarter of 2023 whereas the quantity of water supplied in the fourth quarter 2023 declined by 3.5% in comparison to the third quarter of 2023 publications. The Table 4 below shows the trends of water supplied by WASAC per areas of operation from the 4th quarter 2022 up to Q4 2023.

Table 4: Trend of water supplied (m³) from Q4 2022 to Q4 2023

Location	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023
Kigali city	10,674,462	10,738,745	10,690,676	11,592,106	11,411,525
Bugesera	1,010,850	1,023,870	1,018,669	1,109,299	1,029,191
Gicumbi	191,711	200,359	192,219	198,614	171,035
Huye	601,034	569,942	597,102	626,877	642,791
Karongi	187,217	163,910	158,907	164,671	158,270
Muhanga	307,444	332,961	330,376	299,497	336,417
Musanze	770,609	803,690	753,470	942,201	966,611
Ngoma	207,833	193,868	199,678	231,090	187,946
Nyagatare	836,537	838,726	891,810	956,784	822,825
Nyamagabe	175,369	183,546	205,582	249,034	201,207
Nyanza	294,745	295,436	296,382	331,833	291,465
Rubavu	1,031,975	1,115,372	1,056,372	1,185,544	1,055,147
Ruhango	293,621	290,198	280,690	296,600	244,772
Rusizi	344,649	347,543	366,003	372,928	373,296
Rwamagana	855,443	757,954	773,433	835,054	817,750
Total	17,783,500	17,856,118	17,811,369	19,392,130	18,710,248

Source: WASAC reports

2.3. Water billed

During the fourth quarter of 2023, the quantity of water billed was 10.6 million cubic meters as compared to 9.9 million cubic meters sold in Q4 2022, which represents an increase of 7.0% while there was a decline of 14.7% in comparison to the 3rd quarter of the year 2023. The below table displays the trends of billed water by WASAC in different operation areas from the 4th quarter of 2022 up to the fourth quarter of the year 2023.

Table 5: Trend of water billed (m³) from Q4 2022 to Q4 2023

Location	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023
Kigali city	6,008,077	6,134,283	6,305,782	7,484,671	6,814,392
Bugesera	778,282	600,741	615,803	790,007	639,411
Gicumbi	73,052	85,550	77,853	113,835	73,100
Huye	337,227	319,509	323,433	393,060	336,479
Karongi	85,052	90,242	91,125	108,672	92,372
Muhanga	191,335	196,713	200,150	217,599	195,989
Musanze	541,674	586,650	581,336	763,568	611,249
Ngoma	118,760	125,960	130,339	180,271	121,022
Nyagatare	294,307	339,614	359,388	515,044	329,826
Nyamagabe	111,413	106,815	102,876	140,708	101,799
Nyanza	189,641	189,531	187,934	237,292	189,835
Rubavu	474,815	507,405	474,673	596,187	489,076
Ruhango	121,864	115,127	111,295	144,176	120,653
Rusizi	185,033	178,116	181,020	220,027	196,439
Rwamagana	472,933	479,390	475,291	626,988	374,473
Total	9,983,465	10,055,646	10,218,298	12,532,105	10,686,115

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/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