



**WATER STATISTICS REPORT AS OF THE FIRST QUARTER
(APRIL-JUNE) 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

During second quarter 2023, the number of water subscribers served by WASAC Ltd increased from 317,096 as of March 2023 up to 326,471 as of June 20223, which represents an increase of 3.0%. The 48.3% of subscribers served by WASAC branches are located in the City of Kigali while 51.7% 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	Jun- 2022	Sep-2022	Dec-2022	Mar- 2023	Jun- 2023
City of Kigali	139,485	141,096	145,878	151,372	157,725
Southern province	39,061	39,852	41,717	43,334	44,686
Western province	28,549	29,133	32,119	32,506	32,840
Northern province	24,464	24,785	25,872	26,479	27,208
Eastern province	56,049	57,373	62,366	63,405	64,012
Total	287,608	292,239	307,952	317,096	326,471

Source: WASAC reports

In the quarter under review, the 91.9% of WASAC customers are in the category of residential, whereas the remaining 8.1% are in the category of non-residential, industrial and public standpipes.

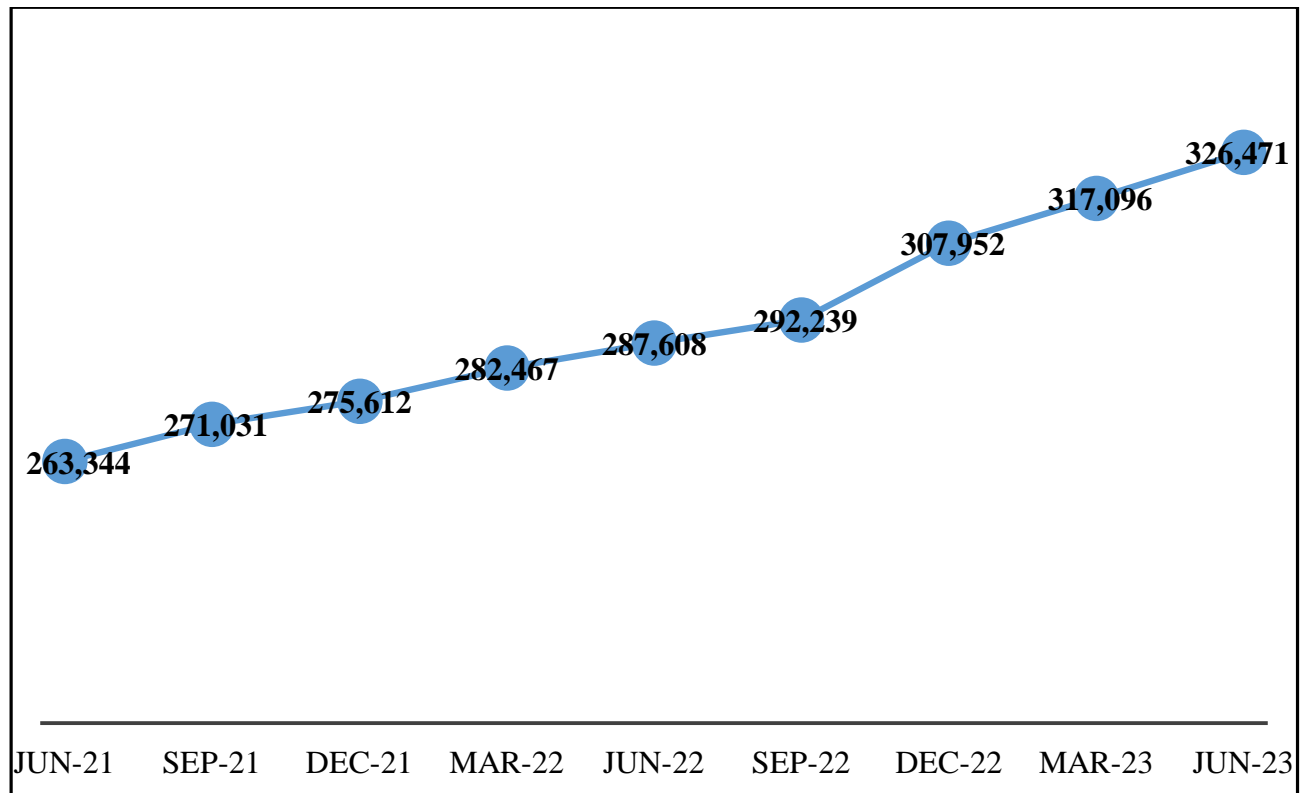
Table 2: Trends of WASAC customers per category of subscribers

Category of customers	Jun-2022	Sep-2022	Dec-2022	Mar- 2023	Jun-2022
Residential connections	263,708	268,057	282,573	291,280	300,187
Non-residential connections	16,779	16,929	17,916	18,228	18,574
Industrial connections	322	325	340	354	394
Public standpipes	6,799	6,928	7,123	7,234	7,316
Total	287,608	292,239	307,952	317,096	326,471

Source: WASAC reports

The number of connected customers increased from 263,344 as of June 2022 up to 326,471 as of June 2023, representing an increase of 13.5%. The below figure shows the trend of WASAC connections from Q2 2021 up to the end of second quarter of the year 2022.

Figure 1: Trend of WASAC customers from Q2 2021 to Q2 2023



Source: WASAC reports

2. Water produced, supplied and billed

2.1. Water production

During the second quarter 2023, the total quantity of water produced by WASAC Ltd for supplying in its service area stood at 18.2 million cubic meters in comparison to 17.5 million cubic meters recorded in Q2 2022, which represents an increase of 4.2%. Table 3 displays the trend of water produced for serving urban and per-urban areas from Q2 2022 to Q2 2023 by Treatment Plant.

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

Name of WTP	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023
Cyunyu	390,914	384,568	344,729	347,677	366,176
Gihira	1,077,364	1,082,935	1,049,534	1,122,956	1,104,493
Gihuma	362,721	346,776	301,749	325,489	321,673
Gisuma	134,591	126,866	116,801	120,010	138,071
Kadahokwa	541,633	600,633	608,162	575,673	600,279
Kanyabusage	137,665	141,253	131,859	127,828	122,675
Kanyonyomba	267,822	286,108	285,851	273,531	263,985
Kanzenze	3,318,069	3,301,950	3,234,799	3,273,950	3,268,090
Karenge	1,134,110	1,205,754	1,201,739	1,169,010	1,182,047
Kimisagara	2,111,680	2,137,256	2,087,518	2,033,359	2,054,678
Mata	34,060	31,735	28,154	34,439	37,847
Mpanga	380,920	433,686	469,522	481,519	474,653
Muhazi	574,613	558,610	543,078	520,796	533,094
Mutobo	847,994	852,530	770,847	803,909	753,747
Muhondo	1,464	6,398	-	-	-
Mwoya	-	73,830	62,270	63,990	61,360
Ngenda	267,867	294,531	241,145	262,582	271,647
Nyabahanga	62,490	66,620	55,419	36,140	36,290
Nyabimata	75,575	56,293	31,913	33,650	62,317
Nyagatare	675,695	883,342	846,577	848,978	901,329
Nyamabuye	189,005	193,703	193,250	200,888	190,695
Nzove	4,604,217	5,201,367	5,137,787	5,271,879	5,184,556
Rwasaburo	204,420	245,378	207,858	193,930	199,738
Shyogwe -Mayaga	151,481	159,778	155,123	154,261	151,928
Total production	17,546,370	18,671,900	18,105,684	18,276,444	18,281,367

Source: WASAC reports

2.2. Water supplied into the network

In the second quarter 2023, the quantity of water supplied into the network increased by 2.7% from 17.3 million cubic meters reported in Q2 2022 up to 17.8 million cubic meters recorded in the Q2 2023. In comparison to the 1st quarter 2023, the quantity of supplied water into the network decreased by 0.3%. The Table 4 below illustrates the trend of water supplied per location from Q2 2022 up to Q2 2023.

Table 4: Trend of water supplied (m³) from Q2 2022 to Q2 2023

Location	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023
Kigali city	10,567,649	10,806,713	10,674,462	10,738,745	10,690,676
Bugesera	961,620	1,032,366	1,010,850	1,023,870	1,018,669
Gicumbi	190,042	193,116	191,711	200,359	192,219
Huye	533,193	601,567	601,034	569,942	597,102
Karongi	200,105	207,802	187,217	163,910	158,907
Muhanga	333,340	355,604	307,444	332,961	330,376
Musanze	847,768	852,284	770,609	803,690	753,470
Ngoma	204,420	245,378	207,833	193,868	199,678
Nyagatare	681,413	893,429	836,537	838,726	891,810
Nyamagabe	242,407	213,164	175,369	183,546	205,582
Nyanza	227,437	283,101	294,745	295,436	296,382
Rubavu	1,035,537	1,062,529	1,031,975	1,115,372	1,056,372
Ruhango	294,085	275,665	293,621	290,198	280,690
Rusizi	390,808	384,544	344,649	347,543	366,003
Rwamagana	625,997	895,236	855,443	757,954	773,433
Total	17,335,821	18,302,498	17,783,500	17,856,118	17,811,369

Source: WASAC reports

2.3. Water billed

During the second quarter 2023, the quantity of water billed was 10.2 million cubic meters in comparison to 9.4 million cubic meters reported in Q2 2022, which represents an increase of 8.6%. The billed water has also increased by 1.6% in comparison to the first quarter of 2023. The below table shows the trends of billed water from the second quarter of 2022 up to the second quarter of the year 2023.

Table 5: Trend of water billed (m³) from Q2 2022 to Q2 2023

Location	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023
Kigali city	5,749,750	6,559,468	6,008,077	6,134,283	6,305,782
Bugesera	546,918	602,049	778,282	600,741	615,803
Gicumbi	72,829	97,858	73,052	85,550	77,853
Huye	290,040	351,673	337,227	319,509	323,433
Karongi	88,094	93,814	85,052	90,242	91,125
Muhanga	195,011	219,066	191,335	196,713	200,150
Musanze	545,431	644,513	541,674	586,650	581,336
Ngoma	124,200	156,917	118,760	125,960	130,339
Nyagatare	278,228	422,096	294,307	339,614	359,388
Nyamagabe	120,018	119,322	111,413	106,815	102,876
Nyanza	157,902	199,625	189,641	189,531	187,934
Rubavu	476,928	543,985	474,815	507,405	474,673
Ruhango	106,035	118,193	121,864	115,127	111,295
Rusizi	183,009	217,871	185,033	178,116	181,020
Rwamagana	472,438	603,047	472,933	479,390	475,291
Total	9,406,830	10,949,497	9,983,465	10,055,646	10,218,298

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