

Year of Validated Report	2021*	2022	2023	2024	2025
Validation Company/Person	NA	Cavanaugh/Drew Blackwell	Esource/Jessica Jagdeo	Cavanaugh/Larry Lewison	
Water System Service Population	574,665	581,900	591,000	599,683	609,980
Volume From Own Sources (VOS)	24,022.020	25,256.971	25,946.194	25,525.946	25,912.158
Water Imported (WI)	196.080	452.384	433.861	490.099	509.968
Water Exported (WE)	-	-	-	-	-
Water Supplied	24,144.556	25,674.045	26,433.239	26,105.149	26,478.035
Billed Metered (BMAC)	21,383.873	21,349.710	22,517.400	23,025.270	23,567.030
% BMAC/WS	0.886	0.832	0.852	0.882	0.890
Unbilled Metered (UMAC)	110.657	97.880	1,515.445	1,099.553	1,321.437
Unbilled Unmetered (UUAC)	922.068	1,660.986	55.858	101.504	211.640
Authorized Consumption	22,416.598	23,108.756	24,088.703	24,226.327	25,100.107
Systematic Data Handling Errors (SDHE)	3.114	6.701	56.294	57.632	58.918
Customer Metering Inaccuracies (CMI)	287.100	571.041	621.872	297.490	304.399
Unauthorized Consumption (UC)	53.460	53.374	56.294	57.362	58.918
Water Losses	1,727.958	2,565.469	2,344.536	1,878.822	1,377.928
Annual Volume of Apparent Losses	343.674	631.116	734.459	412.616	422.234
Annual Volume of Real Losses	1,727.958	1,934.353	1,610.077	1,466.205	955.694
Non Revenue Water	2,760.683	4,324.335	3,915.839	3,079.879	2,911.005
Length of Mains	1,974	1,986	2,010	2,044	2,062
Number of Active and Inactive Service Connections	124,505	124,845	126,640	192,741	193,479
Average Operating Pressure	71.6	71.6	67.3	69.9	70.5
Customer Retail Unit Cost	\$10.14	\$5.19	\$4.45	\$6.92	\$7.25
Variable Production Cost	\$289.48	\$333.19	\$438.47	\$450.15	\$456.59
Unavoidable Annual Real Losses (UARL) vol/Yr	767.20	770.20	733.80	1,019.10	1,034.00
Annual Volume of NRW	2,760.700	4,324.300	3,915.839	3,079.900	2,911.000
Annual Cost of Apparent Losses	\$3,470,292	\$3,262,836	\$3,111,036	\$2,767,581	\$2,951,403
Annual Cost of Real Losses	\$400,726	\$644,507	\$705,976	\$660,019	\$436,363
Annual Cost of NRW	\$4,169,968.00	\$4,493,380.00	\$4,505,987.00	\$3,968,261.00	\$4,087,757.00
Unit Apparent Losses gal/conn/day	7.60	13.80	15.90	5.90	6.00
Unit Real Losses gal/conn/day	30.50	42.40	34.80	20.50	13.50
Unit Real Losses gal/mile/day	1,921	2,668	2,194	1,966	1,270
Total Loss Cost Rate \$/conn/yr	\$31.09	\$31.30	\$30.14	\$17.78	\$17.51
Apparent Loss Cost Rate \$/conn/yr	\$27.87	\$26.14	\$24.57	\$14.36	\$15.25
Real Loss Cost Rate \$/conn/yr	3.22	5.16	5.57	3.42	2.26
Infrastructure Leakage Index (ILI)	1.8	2.5	2.2	1.4	0.9
Water Audit Data Validity Score	89	85	83	83	83