Cox’s Data Usage Meter Undercounted (in subscribers’ favor) an Average of -3.0% in 2022

The Cox Usage Meter

The Cox Internet data usage meter provides subscribers with information about how much of their monthly data plan they have used. The meter displays all eligible traffic to and from the Internet that counts towards the subscriber’s data plan. NetForecast independently validates the accuracy of the usage meter’s counts.

NetForecast validates with 95% statistical confidence that in 2022, across all measured sites, out-of-spec monthly errors had an overall impact of undercounting by -2.99% as shown in the chart to the right. During 2022, significant undercounting occurred which benefited Cox subscribers.

KEY POINT
The Cox meter has an 91.0% probability of being accurate within +/-1% for the month, an 8.7% probability of undercounting more than -1%, and a 0.3% probability of overcounting more than +1% over the course of a full month.

KEY POINT
The APDEX score, which is used to normalize data across monitoring periods, indicated Cox’s data usage meter accuracy continued in “Excellent” range for the third straight year with a score of 0.98.

Process
NetForecast gathered usage data within actual subscriber homes throughout the year. The 2022 accuracy assessment is based on 10,180,204 audit measurements, exceeding the minimum number of samples required for statistical reliability.