This study provides a comprehensive efficiency analysis of water service providers in six countries in the Central American region. Pressures for sector reform have stimulated interest in identifying and understanding the factors that can contribute to network expansion, improved service quality, and cost containment. The aim is to provide policy-makers and investment funds institutions with quantitative evidence on the effectiveness of the regional water sectors and utilities under different perspectives. In addition to key sector performance indicators, the analysis considers several benchmarking methodologies to assess technical and cost efficiency.