

# **North America Distilled Water Market Size and Forecast (2021 - 2031) Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: by Application (Drinking Water, Automotive Cooling Systems and Batteries, Medical, Personal Care and Cosmetics, Food and Beverage, Chemical and Biological Laboratories, and Others) and Country**

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## **Abstracts**

North America distilled water market is expected to grow from US\$ 98.50 million in 2023 to US\$ 134.64 million by 2031. It is expected to grow at a CAGR of 4.0% from 2023 to 2031.

Distilled water is packed and sold to various end-use industries such as drinking water, automotive cooling systems & batteries, medical sterilization, personal care & cosmetics, food & beverages, and chemical & biological laboratories. These industries require high-quality water and often use distilled water to ensure their processes aren't contaminated by impurities present in regular water.

Based on application into drinking water, automotive cooling systems and batteries, medical, personal care and cosmetics, food and beverage, chemical and biological laboratories, and others. In 2023, medical segment held a significant market share, and personal care and cosmetics is expected to be the fastest-growing segment during the forecast period. Distilled water finds application in continuous positive airway pressure machines, as it prevents bacteria from breeding. In addition, distilled water is used for various procedures such as wound cleansing and first aid. Thus, the wide applications of distilled water in the medical field and the strong growth of the medical industry drive the demand for distilled water.

Cosmetic products require water that is free from pollutants, microbes, and toxins. This prerequisite is fulfilled by distilled water in various cosmetic formulations. Skincare products (such as toners, facial mists, and cleansers) and makeup products (including lipsticks, liquid eyeliners, and foundations) contain distilled water as a fundamental ingredient. In the food industry, distilled water is used to make different food products, as salts and minerals in non-distilled water types can alter the flavors of different food products. Distilled water is also used in the canning process to ensure the food's flavor remains the same.

Distilled water is used in devices (such as automotive cooling systems and lead-acid batteries) where mineral deposits can cause corrosion and build-up that interferes with operations. The use of tap water in batteries will leave behind minerals, which would eventually accumulate and affect the functioning of the battery. Therefore, distilled water is used for diluting the coolant used in the radiator of vehicles. According to the 1980 guidelines by the World Health Organization (WHO), distilled water is safe for human consumption. Distilled water is free from toxins, chemicals, viruses, and bacteria. It is one of the purest forms of water, free from different contaminants found in other types of water. Various players operating in the market offer distilled water for drinking that is tested by various third-party water-testing facilities. In chemical and biological laboratories, distilled water is predominantly used in the formulation of laboratory reagents, buffers, and solutions. It is also used to clean laboratory glassware after performing tests.

The demand for distilled water in the US is expected to surge owing to the shifting consumer behavior and rising demand from various industries such as healthcare, manufacturing, and food processing. In pharmaceutical production, distilled water is a critical ingredient used for the formulation of drugs and medical solutions, where maintaining the highest standards of purity is paramount. Similarly, in the food & beverages industry, distilled water is utilized in producing certain products where water quality is crucial to ensure taste consistency and product safety. As these industries continue to expand and evolve in the US, the demand for distilled water is expected to surge.

The increasing focus on sustainability and environmental consciousness has encouraged individuals to turn to distilled water as it is an eco-friendly alternative to single-use plastic bottled water. By investing in home distillation systems or purchasing distilled water in bulk, consumers can reduce their reliance on plastic packaging, thus contributing to a more sustainable water consumption pattern. Moreover, the

convenience of distilled water delivery services and its availability in various retail outlets make it more accessible to a broader audience, further propelling the demand.

Growing concerns over water contamination and infrastructure issues have surged the need to seek alternatives for tap water for drinking and cooking. With the increasing number of waterborne diseases and inadequate water treatment facilities in a few regions, consumers are increasingly turning to distilled water as it is free from impurities and contaminants. This trend has encouraged households to invest in water distillation systems or purchase bottled distilled water, particularly in urban areas where access to clean drinking water is challenging.

Bio-Rad Laboratories Inc, ESG Clean Energy LLC, Thermo Fisher Scientific Inc, Merck KGaA, Primo Water Corp, Boston BioProducts, Snugell LLC, Misty Mountain Spring Water LLC, MACHEREY-NAGEL GmbH & Co KG, and Hayden Water Co, are among the leading players in the North America distilled water market. These companies are adopting mergers & acquisitions and product launches to expand their geographic presence and consumer bases.

The overall North America distilled water market size has been derived using both primary and secondary sources. To begin the research process, exhaustive secondary research has been conducted using internal and external sources to obtain qualitative and quantitative information related to the market. Also, multiple primary interviews have been conducted with industry participants to validate the data and gain more analytical insights. Participants of this process include industry experts such as VPs, business development managers, market intelligence managers, and national sales managers—along with external consultants, including valuation experts, research analysts, and key opinion leaders—specializing in the North America distilled water market.

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