

# Trends and Analysis of Biological Wastewater Treatment Market by Application, Industry, Region with Forecasts to 2030

*The Business Research Company's  
Biological Wastewater Treatment Market  
Report 2026 – Market Size, Trends, And  
Global Forecast 2026-2035*

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KINGDOM, March 12, 2026

/EINPresswire.com/ -- The [biological  
wastewater treatment market](#) sector is

gaining significant traction as the world grapples with increasing water pollution and the need for sustainable water management solutions. Advances in technology and rising environmental concerns are driving this market forward, making it a critical area of focus in the global effort to improve water quality and industrial wastewater handling.



It will grow from \$11.92 billion in 2025 to \$12.85 billion in 2026 at a compound annual growth rate (CAGR) of 7.8%”

*The Business Research  
Company*

Steady Growth Forecast for the Biological Wastewater Treatment Market

The [biological wastewater treatment market growth](#) has experienced robust expansion in recent years. It is projected to grow from \$11.92 billion in 2025 to \$12.85 billion in 2026, reflecting a compound annual growth rate (CAGR) of 7.8%. This growth during the historical period has been driven by factors such as accelerating urbanization, increasing municipal wastewater generation,

heightened environmental awareness, stricter wastewater discharge regulations, growing industrial wastewater treatment requirements, and ongoing advancements in biological treatment technologies.

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Expected Market Expansion Through 2030 in Biological Wastewater Treatment



Looking ahead, the biological wastewater treatment market is anticipated to maintain strong momentum, reaching \$17.37 billion by 2030 with a CAGR of 7.8%. Key drivers for this forecasted growth include increased investments in wastewater infrastructure, a rising demand for sustainable water management practices, greater adoption of advanced biological reactors, intensified compliance mandates within industries, and an expanding focus on water reuse and recycling initiatives. Notable trends shaping the market include broader use of advanced biological treatment systems, enhanced efficiency in municipal wastewater purification, stronger emphasis on managing industrial effluents, growth of membrane-based biological treatment technologies, and greater integration of monitoring and control systems.

### Understanding Biological Wastewater Treatment Processes

Biological wastewater treatment involves employing microorganisms to break down contaminants dissolved in wastewater. These microbes utilize the chemicals present in the effluents as nutrients for their growth and reproduction, effectively degrading pollutants and aiding in water purification.

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### Primary Factors Propelling Growth in the Biological Wastewater Treatment Market

One of the main factors fueling the expansion of the biological wastewater treatment market is the increasing severity of water pollution and the declining quality of water resources. Water pollution occurs when harmful substances are introduced into groundwater or surface water bodies like lakes, rivers, and oceans to levels that disrupt their beneficial use. Biological treatment systems harness naturally occurring microbial degradation processes to dismantle wastewater pollutants and remove unwanted components effectively.

### Rising Industrialization and Pollution Incidents Influencing Market Demand

For example, the Environment Agency in the UK reported 1,658 sewerage pollution incidents in 2022, which rose to 1,902 in 2023. This growing number of pollution events highlights the urgent need for advanced wastewater treatment solutions and contributes to the expanding demand within the biological wastewater treatment market, especially as industrial activities intensify globally.

### Regional Outlook and Fastest Growing Markets for Biological Wastewater Treatment

In 2025, North America held the largest share of the biological wastewater treatment market. However, the Asia-Pacific region is forecasted to be the fastest-growing market during the upcoming years. The market analysis includes coverage of key geographical areas such as Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive perspective on regional developments and growth opportunities.

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