

# **Aquaculture Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 - 2032**

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## **Abstracts**

The Global Aquaculture Market was worth USD 244 billion in 2023 and will exhibit a 4.5% CAGR from 2024 to 2032, owing to rising seafood consumption as consumers increasingly seek healthy and protein-rich food options. This growing demand encourages producers to enhance their operations, leading to innovations in breeding techniques, feed management, and water quality monitoring. These advancements improve fish health and growth rates while promoting overall productivity. By adopting sustainable and efficient farming practices, the industry can better meet consumer preferences and regulatory requirements, ultimately fostering significant growth in seafood production and availability.

The aquaculture industry is segregated based on product type, environment, culture systems, species cultured, end-use, distribution channel, and region. The fish segment captured USD 139.7 billion in 2023 and will expand to USD 211.3 billion by 2032, attributed to the high demand for various fish species, including salmon, tilapia, and catfish. Fish provides essential nutrients and is a primary protein source for millions globally. As consumer preferences shift toward healthy diets, the demand for farmed fish is increasing.

This segment's growth is further supported by advancements in breeding, feeding practices, and disease management, allowing producers to meet market needs while ensuring sustainable practices within the industry. The freshwater aquaculture segment achieved 43% share in 2023 and will grow at a 4.7% CAGR up to 2032, driven by the availability and accessibility of freshwater resources. Freshwater species, such as tilapia and catfish, are increasingly favored due to their adaptability and rapid growth rates. This segment benefits from lower production costs compared to marine alternatives, making it more appealing to farmers.

Furthermore, as consumer preferences shift towards sustainable seafood options, the freshwater aquaculture segment is well-positioned to meet this demand, driving its

market growth. Asia Pacific aquaculture market secured USD 143 billion in 2023 and will reach USD 216 billion by 2032 due to its dominant position in fish farming and seafood production. The region is home to major aquaculture producers like China, which accounts for a significant portion of the global fish supply. Rapid population growth, rising incomes, and changing dietary preferences further drive the demand for seafood in this region. Besides, advancements in aquaculture practices and government support for sustainable initiatives position Asia Pacific as a notable contributor to the overall growth of the aquaculture industry.

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