

South Korea Fish Farming Market Size, Share, Trends and Forecast by Environment, Fish Type, and Region, 2026-2034

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Abstracts

The South Korea fish farming market size reached USD 6.3 Billion in 2025. The market is projected to reach USD 8.4 Billion by 2034, exhibiting a growth rate (CAGR) of 3.07% during 2026-2034. The market is experiencing growth driven by advancements in sustainable aquaculture technologies, such as RAS, along with increased domestic fish production. The government's focus on eco-friendly farming practices and research collaborations is expanding South Korea fish farming market share in both local and global seafood industries.

SOUTH KOREA FISH FARMING MARKET TRENDS:

Technological Advancements Driving South Korea's Aquaculture Growth

Technological advancements in South Korea's fish farming sector have become a key driver of market growth. The country's increasing focus on sustainable and efficient aquaculture systems is paving the way for a more resilient seafood industry. The adoption of innovative technologies such as recirculating aquaculture systems (RAS) has enabled South Korea to minimize environmental impacts, reduce water usage, and increase production capacity. For instance, in June 2025, South Korea made a significant leap in its aquaculture market by launching its first land-based salmon farm using RAS technology, developed by GS E&C and operated by Eco Aquafarm. This facility is designed to reduce reliance on imported salmon while increasing domestic production, positioning the country as a leader in sustainable seafood production. The farm has a capacity of 500 metric Tons of Atlantic salmon annually, with plans for future expansion. This development sets a new benchmark for eco-friendly practices in fish farming and encourages further investment in technological solutions that address

challenges such as water consumption and pollution. The introduction of this state-of-the-art facility highlights South Korea's commitment to advancing its domestic seafood industry while ensuring a sustainable future for local fish farming practices.

Research Collaborations Boosting Innovation in Fish Farming

Partnerships between research institutions and government bodies are crucial in shaping South Korea's evolving fish farming market. These collaborations play a significant role in advancing the technological and sustainable practices required to meet growing seafood demands. For instance, in June 2025, Kentucky State University (KSU) and South Korea's Ministry of Oceans and Fisheries launched a joint research project to improve aquaculture practices, particularly with the use of recirculating aquaculture systems (RAS). This partnership fosters knowledge exchange and is aimed at advancing RAS technology, optimizing production efficiency, and enhancing sustainability in local aquaculture operations. The collaboration also aims to address challenges related to stocking density, water quality management, and fish health monitoring. As part of the project, experts from both countries are conducting joint visits to aquaculture facilities, such as the Raon Bada olive flounder farm in South Korea, which uses RAS to produce 40 Tons of fish per year. This partnership not only boosts innovation in fish farming techniques but also helps strengthen South Korea's position in the global seafood market. The collaboration is expected to lead to breakthroughs that will support the long-term sustainability and South Korea fish farming market growth by leveraging international research expertise.

SOUTH KOREA FISH FARMING MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional level for 2026-2034. Our report has categorized the market based on environment and fish type.

Environment Insights:

Marine Water

Fresh Water

Brackish Water

The report has provided a detailed breakup and analysis of the market based on the environment. This includes marine water, fresh water, and brackish water.

Fish Type Insights:

Salmon

Milkfish

Tuna

Tilapia

Catfish

Sea Bass

Others

A detailed breakup and analysis of the market based on the fish type have also been provided in the report. This includes salmon, milkfish, tuna, tilapia, catfish, sea bass, and others.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam

(Southwestern Region), Hoseo (Central Region), and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea fish farming market performed so far and how will it perform in the coming years?

What is the breakup of the South Korea fish farming market on the basis of environment?

What is the breakup of the South Korea fish farming market on the basis of fish type?

What is the breakup of the South Korea fish farming market on the basis of region?

What are the various stages in the value chain of the South Korea fish farming market?

What are the key driving factors and challenges in the South Korea fish farming market?

What is the structure of the South Korea fish farming market and who are the key players?

What is the degree of competition in the South Korea fish farming market?

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