

Egg Protein Powder Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031)

> ****Industry:**** Plant-Based & Alternative Proteins (Food & Beverage)
> ****Source:**** <https://www.mordorintelligence.com/industry-reports/egg-protein-powder-market>
> ****Scraped Date:**** 2026-09-17

Executive Market Summary

Market Metric	Details
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Base Market Size	USD 7.97 billion
Projected Forecast (2031)	USD 7.97 billion
Growth Rate (CAGR)	5.67 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

![Major players in Egg Protein Powder industry](images/chart_2.png)

![Egg Protein Powder Market Size](images/chart_3.png)

![Egg Protein Powder Market Share by Product Type, 2025](images/chart_4.png)

![Egg Protein Powder Market Share by Application, 2025](images/chart_5.png)

![Egg Protein Powder Market Growth Rate by Region](images/chart_6.png)

![Egg Protein Powder Market Concentration](images/chart_7.png)

![Icon](images/chart_8.png)

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![Mordor Intelligence on Facebook](images/chart_12.svg)

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![ESOMAR](images/chart_17.png)

![GPTW](images/chart_19.png)

Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market Overview

Study Period
|

2021 - 2031
|

Market Size (2026)
|

USD 7.97 Billion
|

Market Size (2031)
|

USD 10.5 Billion
|

Growth Rate (2026 - 2031)
|

5.67 %
|

Fastest Growing Market
|

Asia-Pacific
|

Largest Market
|

North America
|

Market Concentration
|

Low
|

Major Players

*Disclaimer: Major Players sorted in no particular order

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Market Overview

Egg Protein Powder Market Analysis by Mordor Intelligence

The egg protein powder market size was valued at USD 7.57 billion in 2025 to US

USD 7.97 billion in 2026, and is forecast to reach USD 10.50 billion by 2031 at a 5.67% CAGR over 2026-2031. The egg protein powder market is supported by demand for protein-rich foods, dietary supplements, and functional ingredients. Buyers value its shelf-stable format, which simplifies handling compared with liquid eggs. Dietary supplement use remains widespread in the United States, while sports nutrition use among surveyed supplement users increased from 36% in 2019 to 45% in 2024, according to the Council for Responsible Nutrition [1]Source: Council for Responsible Nutrition, "Consumer Intelligence to Enhance Business Outcomes," crnusa.org. Consequently, the egg protein powder market serves demand across sports nutrition, dietary supplements, and food manufacturing, rather than relying on a single consumer use case. The market also benefits from the established functional properties of egg-based ingredients. Supply reliability, product traceability, and formulation performance are likely to remain key purchasing considerations, particularly as food manufacturers seek predictable inputs, established quality documentation, and consistent functional performance across supplement, bakery, and other industrial applications amid variable egg supply conditions.

Key Report Takeaways

- * By product type, egg white protein powder led the egg protein powder market with a share of 47.24% in 2025, while egg yolk protein powder is anticipated to register the fastest CAGR of 6.43% during 2026-2031.
- * By protein source, chicken egg retained an 88.43% share in 2025, and is forecast to expand at a 5.85% CAGR through 2031.
- * By application, dietary supplements led the market with a share of 53.78% in 2025, whereas bakery and confectionery is anticipated to register the fastest CAGR of 6.68% during 2026-2031.
- * By distribution channel, B2C led the market with a share of 45.45% in 2025, while B2B is anticipated to register the fastest CAGR of 6.29% during 2026-2031.
- * By geography, North America led the egg protein powder market in 2025 with a 42.12% share, while Asia-Pacific is projected to advance at a 6.84% CAGR through 2031.

Key Market Trends

Market Trends and Insights

Drivers Impact Analysis of Egg Protein Powder Market*

Driver |
(~) % Impact on CAGR Forecast |
Geographic Relevance |
Impact Timeline |

Rising consumer appetite for high-protein diets and weight management

|

+1.5%
|

Global, with highest intensity in North America and Western Europe

Medium term (2-4 years)

Structural advantage of lactose-free animal-based protein

|

+0.8%

North America and European Union, with spillover to core Asia-Pacific markets

Medium term (2-4 years)

Clean-label reformulation and ingredient traceability

|

+0.7%

|

North America and European Union

|

Long term (≥ 4 years)

|

Protein-enriched bakery, confectionery, and shelf-stable manufacturing demand

|

+0.6%
|

Global, with spillover to Middle East and Africa and South America
|

Long term (≥ 4 years)
|

Weight management and low-carbohydrate product interest

|

+0.5%
|

North America, Western Europe, and core Asia-Pacific markets
|

Short term (≤ 2 years)

Shelf-stable ingredient demand in food manufacturing

|

+0.4%

Core Asia-Pacific markets, with spillover to Middle East and Africa

Medium term (2-4 years)

Source: Mordor Intelligence
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Competitive Landscape

Competitive Landscape

The egg protein powder market is fragmented, with competition driven by supply reliability, certifications, traceability, and customer service rather than the pricing power of any single manufacturer. Conventional processors, including Sanovo Egg Group, Rembrandt Foods, Eurovo Group, and Ovostar Union, compete through established customer relationships and integrated operations spanning layer flocks to dried powder production. Emerging precision fermentation developers offer animal-free egg white proteins that are not directly exposed to avian influenza cycles, providing buyers with a potential second-source option during disruptions in conventional egg supplies. A fragmented supplier base also limits the ability of individual processors to dictate procurement terms when food manufacturers have qualified alternatives.

Sanovo Technology Group supports egg protein powder processing through equipment and technology solutions for egg producers. Its partnerships in Turkey, Southeast Asia, and Brazil have expanded access to spray-drying and related processing capacity. In November 2025, Sanovo Group signed an equipment agreement with Oytun Yumurta for a second pasteurized and powdered egg processing line in Turkey, increasing the facility's projected capacity to 6 million eggs per day. These initiatives demonstrate how processing technology can influence input costs, quality consistency, and the supplier base available to ingredient buyers.

Product-specific opportunities remain relevant, as large commodity processors may not pursue every specialized application, particularly those in which yolk fractions offer distinct functional benefits. Phosvitin from egg yolk has emulsification potential in applications requiring functional efficiency at low inclusion levels. For conventional suppliers, the more immediate risk is that buyers will use emerging protein alternatives to negotiate favorable terms during long-term contract renewals. This dynamic increases pressure on manufacturers to strengthen cost control, product functionality, traceability, and customer service.

Egg Protein Powder Industry Leaders

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Sanovo Egg Group

*

Eurovo Group

*

Ovostar Union

*

NOW Health Group Inc.

*

Julian Bakery

*

*Disclaimer: Major Players sorted in no particular order

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Component Component 3 Scope Of The Report Bottom

Global Egg Protein Powder Market Report Scope

Egg protein powder is a concentrated protein ingredient produced by drying and processing egg whites, egg yolks, or whole eggs into powdered form. It provides high-quality, complete protein and is used in sports nutrition, dietary supplements, functional foods, bakery products, and other food applications.

The egg protein powder market is segmented by product type, protein source, application, distribution channel, and geography. By product type, the market is segmented into whole egg protein powder, egg white protein powder, and egg yolk protein powder. By protein source, the market is segmented into chicken egg, duck egg, and other egg sources. By application, the market is segmented into sports and nutrition, dietary supplements, bakery and confectionery, and other applications. By distribution channel, the market is segmented into B2B and B2C (supermarkets and hypermarkets, online retail, and other distribution channels). Based on geography, the market is classified into North America, Europe, South America, Asia-Pacific, and the Middle East and Africa. The Market Forecasts are Provided in Terms of Value (USD).

By Product Type

Whole Egg Protein Powder
|

Egg White Protein Powder
|

Egg Yolk Protein Powder

Segmentation Accordion Item

By Geography

North America

United States

Canada

Mexico

|

Rest of North America

|

Europe

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Germany

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|

United Kingdom

|

|

Italy

|

|

France

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Spain

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Netherlands

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Poland

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Belgium

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Sweden

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Rest of Europe

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Asia-Pacific

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China

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India

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Japan
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Australia
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Indonesia
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South Korea
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Thailand
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Singapore

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Rest of Asia-Pacific

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South America

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Brazil

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Argentina

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Colombia

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Chile

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Peru

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Rest of South America

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Middle East and Africa

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South Africa

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Saudi Arabia
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United Arab Emirates
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Nigeria
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Egypt
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Morocco

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Turkey

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Rest of Middle East and Africa

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Frequently Asked Questions

What is the current and forecasted size of the egg protein powder market?

The egg protein powder market was valued at USD 7.57 billion in 2025 and is expected to grow to USD 7.97 billion in 2026 and USD 10.50 billion by 2031, registering a CAGR of 5.67% during 2026-2031.

Which product type held the largest share of the egg protein powder market in 2025?

Egg white protein powder dominated the market in 2025, accounting for 47.24% of the total market revenue.

Which protein source accounted for the largest market share in 2025?

Chicken egg was the leading protein source, capturing 88.43% of the market in 2025.

What was the largest application segment in the egg protein powder market in 2025?

Dietary supplements represented the largest application segment, contributing 53.78% of the market in 2025.

Which distribution channel led the market in 2025?

B2C were the leading distribution channel, accounting for 45.45% of total market sales in 2025.

Which region held the largest share of the egg protein powder market in 2025?

North America was the largest regional market, holding 42.12% of the market share in 2025.