

Protein Beverages Market Forecasts to 2034 – Global Analysis By Product Type (Protein Shakes, Protein-Infused Water, Energy Protein Drinks, Juice-Based Protein Beverages, Dairy-Based Protein Beverages, Plant-Based Protein Beverages, Clinical & Nutritional Drinks, and Other Product Types), Protein Source, Form, Flavor, Packaging Type, Application, End User, Distribution Channel, and By Geography

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Abstracts

According to Statistics MRC, the Global Protein Beverages Market is accounted for \$5.3 billion in 2026 and is expected to reach \$10.7 billion by 2034 growing at a CAGR of 9.1% during the forecast period. Protein beverages are ready-to-drink or powder-based liquid nutritional products formulated to deliver high-quality protein content for muscle recovery, satiety, and overall health maintenance. These products include whey, plant-based, collagen, and casein protein formulations available across various packaging formats. The market is experiencing robust growth as consumers increasingly prioritize convenient nutrition solutions that fit active lifestyles, with applications spanning sports recovery, daily wellness, weight management, and medical nutrition requirements across diverse demographic segments globally.

Market Dynamics:

Driver:

Rising health consciousness and active lifestyle trends

Consumers across all age groups are increasingly prioritizing fitness, weight management, and preventive health measures, creating sustained demand for convenient protein-rich products. The expansion of gym culture, fitness tracking technologies, and social media wellness influencers has normalized daily protein consumption beyond traditional bodybuilding communities. Working professionals seeking quick nutrition solutions during busy schedules find protein beverages an ideal option for post-workout recovery or midday meal supplementation. This behavioral shift is further reinforced by government health initiatives promoting protein awareness and educational campaigns highlighting the role of adequate protein intake in maintaining muscle mass, metabolic health, and overall well-being across all life stages.

Restraint:

High cost compared to traditional beverages

Premium pricing of protein beverages continues to limit market accessibility for price-sensitive consumer segments despite growing health awareness. The cost of high-quality protein ingredients, specialized processing equipment, and nutritional testing requirements result in retail prices substantially higher than conventional soft drinks or juices. Economic downturns and inflationary pressures force consumers to prioritize essential grocery items over functional beverages, slowing adoption in developing markets. Additionally, smaller brands face challenges achieving economies of scale, perpetuating higher price points. This price barrier creates a perception of protein beverages as premium health products accessible primarily to affluent demographics or dedicated fitness enthusiasts with disposable income.

Opportunity:

Plant-based protein innovation and clean label trends

Emerging plant protein sources and clean label formulations present significant opportunities for market expansion as consumers seek alternatives to dairy-based products. Pea, rice, hemp, and fava bean proteins have improved dramatically in taste, texture, and solubility, addressing previous complaints about graininess or off-flavors. Fermentation-derived proteins and upcycled ingredients from food processing waste offer sustainable differentiation points appealing to environmentally conscious consumers. Brands developing organic, non-GMO, and sugar-free formulations with minimal ingredient lists capture growing consumer preference for transparency and natural products. This innovation pipeline enables market entrants to differentiate

through unique protein blends and functional additions targeting specific health concerns.

Threat:

Stringent food safety and labeling regulations

Complex regulatory requirements across different jurisdictions pose significant compliance challenges for protein beverage manufacturers expanding globally. Nutrition claims regarding protein content, absorption rates, and health benefits require substantial scientific substantiation to meet food authority standards in major markets. Labeling requirements for allergens, artificial sweeteners, and processing aids vary considerably between regions, complicating packaging design and inventory management. Novel protein ingredients may face lengthy approval processes before entering certain markets, delaying product launches. Non-compliance risks include product recalls, fines, and reputational damage, creating particular burdens for smaller brands lacking dedicated regulatory affairs departments to navigate these complex requirements.

Covid-19 Impact:

The COVID-19 pandemic had a mixed yet ultimately positive impact on the protein beverages market as consumer priorities shifted dramatically. Initial lockdowns disrupted supply chains and closed gyms, temporarily reducing demand among fitness-focused consumers. However, the pandemic heightened overall health awareness, with consumers seeking immune-supporting products and convenient nutrition options during home confinement. E-commerce channels for protein beverages surged as physical retail foot traffic declined. Home fitness trends emerged as gyms remained closed, maintaining demand for post-workout recovery products. The lasting effect has been a broadened consumer base, with protein beverages now appealing to general wellness seekers beyond traditional athlete and bodybuilder segments.

The Bottles segment is expected to be the largest during the forecast period

The Bottles segment is expected to account for the largest market share during the forecast period, driven by consumer preference for convenient, portable, and resealable packaging formats. Plastic and glass bottles offer excellent product visibility, allowing consumers to assess color, consistency, and sedimentation before purchase, which is particularly important for premium protein beverages. The resealable nature of bottle

packaging enables consumers to consume products across multiple occasions, reducing waste and improving value perception. Manufacturers favor bottles for their compatibility with various filling technologies, shelf stability, and branding opportunities through distinctive shapes and labeling surfaces. Premium positioning of bottled protein beverages in retail coolers further reinforces this segment's market dominance.

The Pouches segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the Pouches segment is predicted to witness the highest growth rate, reflecting growing demand for lightweight, cost-effective, and environmentally conscious packaging solutions. Stand-up pouches with resealable spouts offer reduced material usage compared to rigid containers, lowering production costs and shipping weights while appealing to sustainability-focused consumers. Flexible packaging's smaller storage footprint benefits both retailers and consumers with limited shelf or pantry space. Advancements in barrier films now enable pouches to maintain product freshness and prevent oxygen infiltration comparable to traditional rigid packaging. The segment's growth is further accelerated by single-serve pouch formats targeting on-the-go consumption occasions and emerging market expansion where cost efficiency drives packaging decisions.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share, supported by mature fitness culture, established retail infrastructure, and high consumer awareness of protein's health benefits. The region's extensive network of gyms, health clubs, and sports nutrition retailers creates multiple distribution channels for protein beverages beyond traditional grocery. Strong presence of both multinational corporations and innovative startups drives continuous product innovation and competitive pricing. The United States leads in per capita protein beverage consumption, with consumers incorporating these products into daily routines across sports nutrition, meal replacement, and functional wellness applications. This established market position, combined with high disposable incomes, ensures North America's continued dominance.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, fueled by rising disposable incomes, rapid urbanization, and growing awareness of fitness and nutrition. Countries including China, India, and Indonesia are witnessing

an explosion of gym culture and health consciousness among expanding middle-class populations. Traditional dietary patterns in many Asian countries emphasize carbohydrates over protein, creating significant growth runway as nutritional education improves. International brands are expanding distribution through e-commerce platforms and partnerships with local retailers, while domestic manufacturers develop region-specific flavors such as matcha, taro, and red bean. The region's large population base and increasing health awareness position Asia Pacific as the fastest-growing protein beverages market.

Key players in the market

Some of the key players in Protein Beverages Market include Nestlé S.A., PepsiCo Inc., The Coca-Cola Company, Abbott Laboratories, Danone S.A., Glanbia plc, Herbalife Nutrition Ltd., Amway Corporation, MusclePharm Corporation, Orgain Inc., Premier Nutrition Company LLC, OWYN, Fairlife LLC, Arla Foods amla and Lactalis Group.

Key Developments:

In February 2026, Danone reported that its High-Protein EDP (Essential Dairy & Plant-based) platform delivered double-digit growth for the ninth consecutive quarter, particularly in Europe and Latin America.

In February 2026, S&P Global upgraded Herbalife's credit rating to 'BB-' following a stabilization in operating performance; the company projects a 6% EBITDA growth for 2026 driven by protein shake demand in the APAC region.

In October 2025, Fairlife's 'Core Power' line announced a major marketing partnership with Peloton instructor Matt Wilpers, focusing on post-workout recovery for the endurance athlete demographic.

Product Types Covered:

Protein Shakes

Protein-Infused Water

Energy Protein Drinks

Juice-Based Protein Beverages

Dairy-Based Protein Beverages

Plant-Based Protein Beverages

Clinical & Nutritional Drinks

Other Product Types

Protein Sources Covered:

Animal-Based Protein

Plant-Based Protein

Forms Covered:

Ready-to-Drink (RTD)

Liquid Concentrates

Flavors Covered:

Chocolate

Vanilla

Fruit-Based

Coffee/Mocha

Unflavored

Other Flavors

Packaging Types Covered:

Bottles

Cans

Cartons

Pouches

Applications Covered:

Sports Nutrition

Functional Nutrition

Meal Replacement

Clinical Nutrition

End Users Covered:

Athletes & Fitness Enthusiasts

Adults (General Wellness)

Kids

Clinical Patients

Distribution Channels Covered:

Supermarkets & Hypermarkets

Convenience Stores

Specialty Stores

Pharmacies/Drugstores

Online Retail

Regions Covered:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Italy

Spain

Netherlands

Belgium

Sweden

Switzerland

Poland

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Thailand

Malaysia

Singapore

Vietnam

Rest of Asia Pacific

South America

Brazil

Argentina

Colombia

Chile

Peru

Rest of South America

Rest of the World (RoW)

Middle East

Saudi Arabia

United Arab Emirates

Qatar

Israel

Rest of Middle East

Africa

South Africa

Egypt

Morocco

Rest of Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

- 1.1 Market Snapshot and Key Highlights
- 1.2 Growth Drivers, Challenges, and Opportunities
- 1.3 Competitive Landscape Overview
- 1.4 Strategic Insights and Recommendations

2 RESEARCH FRAMEWORK

- 2.1 Study Objectives and Scope
- 2.2 Stakeholder Analysis
- 2.3 Research Assumptions and Limitations
- 2.4 Research Methodology
 - 2.4.1 Data Collection (Primary and Secondary)
 - 2.4.2 Data Modeling and Estimation Techniques
 - 2.4.3 Data Validation and Triangulation
 - 2.4.4 Analytical and Forecasting Approach

3 MARKET DYNAMICS AND TREND ANALYSIS

- 3.1 Market Definition and Structure
- 3.2 Key Market Drivers
- 3.3 Market Restraints and Challenges
- 3.4 Growth Opportunities and Investment Hotspots
- 3.5 Industry Threats and Risk Assessment
- 3.6 Technology and Innovation Landscape
- 3.7 Emerging and High-Growth Markets
- 3.8 Regulatory and Policy Environment
- 3.9 Impact of COVID-19 and Recovery Outlook

4 COMPETITIVE AND STRATEGIC ASSESSMENT

- 4.1 Porter's Five Forces Analysis
 - 4.1.1 Supplier Bargaining Power
 - 4.1.2 Buyer Bargaining Power
 - 4.1.3 Threat of Substitutes
 - 4.1.4 Threat of New Entrants

- 4.1.5 Competitive Rivalry
- 4.2 Market Share Analysis of Key Players
- 4.3 Product Benchmarking and Performance Comparison

5 GLOBAL PROTEIN BEVERAGES MARKET, BY PRODUCT TYPE

- 5.1 Protein Shakes
- 5.2 Protein-Infused Water
- 5.3 Energy Protein Drinks
- 5.4 Juice-Based Protein Beverages
- 5.5 Dairy-Based Protein Beverages
- 5.6 Plant-Based Protein Beverages
- 5.7 Clinical & Nutritional Drinks
- 5.8 Other Product Types

6 GLOBAL PROTEIN BEVERAGES MARKET, BY PROTEIN SOURCE

- 6.1 Animal-Based Protein
 - 6.1.1 Whey Protein
 - 6.1.2 Casein Protein
 - 6.1.3 Milk Protein
 - 6.1.4 Egg Protein
- 6.2 Plant-Based Protein
 - 6.2.1 Soy Protein
 - 6.2.2 Pea Protein
 - 6.2.3 Rice Protein
 - 6.2.4 Other Plant-Based Proteins

7 GLOBAL PROTEIN BEVERAGES MARKET, BY FORM

- 7.1 Ready-to-Drink (RTD)
- 7.2 Liquid Concentrates

8 GLOBAL PROTEIN BEVERAGES MARKET, BY FLAVOR

- 8.1 Chocolate
- 8.2 Vanilla
- 8.3 Fruit-Based
- 8.4 Coffee/Mocha

8.5 Unflavored

8.6 Other Flavors

9 GLOBAL PROTEIN BEVERAGES MARKET, BY PACKAGING TYPE

9.1 Bottles

9.2 Cans

9.3 Cartons

9.4 Pouches

10 GLOBAL PROTEIN BEVERAGES MARKET, BY APPLICATION

10.1 Sports Nutrition

10.2 Functional Nutrition

10.3 Meal Replacement

10.4 Clinical Nutrition

11 GLOBAL PROTEIN BEVERAGES MARKET, BY END USER

11.1 Athletes & Fitness Enthusiasts

11.2 Adults (General Wellness)

11.3 Kids

11.4 Clinical Patients

12 GLOBAL PROTEIN BEVERAGES MARKET, BY DISTRIBUTION CHANNEL

12.1 Supermarkets & Hypermarkets

12.2 Convenience Stores

12.3 Specialty Stores

12.4 Pharmacies/Drugstores

12.5 Online Retail

13 GLOBAL PROTEIN BEVERAGES MARKET, BY GEOGRAPHY

13.1 North America

13.1.1 United States

13.1.2 Canada

13.1.3 Mexico

13.2 Europe

- 13.2.1 United Kingdom
- 13.2.2 Germany
- 13.2.3 France
- 13.2.4 Italy
- 13.2.5 Spain
- 13.2.6 Netherlands
- 13.2.7 Belgium
- 13.2.8 Sweden
- 13.2.9 Switzerland
- 13.2.10 Poland
- 13.2.11 Rest of Europe
- 13.3 Asia Pacific
 - 13.3.1 China
 - 13.3.2 Japan
 - 13.3.3 India
 - 13.3.4 South Korea
 - 13.3.5 Australia
 - 13.3.6 Indonesia
 - 13.3.7 Thailand
 - 13.3.8 Malaysia
 - 13.3.9 Singapore
 - 13.3.10 Vietnam
 - 13.3.11 Rest of Asia Pacific
- 13.4 South America
 - 13.4.1 Brazil
 - 13.4.2 Argentina
 - 13.4.3 Colombia
 - 13.4.4 Chile
 - 13.4.5 Peru
 - 13.4.6 Rest of South America
- 13.5 Rest of the World (RoW)
 - 13.5.1 Middle East
 - 13.5.1.1 Saudi Arabia
 - 13.5.1.2 United Arab Emirates
 - 13.5.1.3 Qatar
 - 13.5.1.4 Israel
 - 13.5.1.5 Rest of Middle East
 - 13.5.2 Africa
 - 13.5.2.1 South Africa

13.5.2.2 Egypt

13.5.2.3 Morocco

13.5.2.4 Rest of Africa

14 STRATEGIC MARKET INTELLIGENCE

14.1 Industry Value Network and Supply Chain Assessment

14.2 White-Space and Opportunity Mapping

14.3 Product Evolution and Market Life Cycle Analysis

14.4 Channel, Distributor, and Go-to-Market Assessment

15 INDUSTRY DEVELOPMENTS AND STRATEGIC INITIATIVES

15.1 Mergers and Acquisitions

15.2 Partnerships, Alliances, and Joint Ventures

15.3 New Product Launches and Certifications

15.4 Capacity Expansion and Investments

15.5 Other Strategic Initiatives

16 COMPANY PROFILES

16.1 Nestl? S.A.

16.2 PepsiCo Inc.

16.3 The Coca-Cola Company

16.4 Abbott Laboratories

16.5 Danone S.A.

16.6 Glanbia plc

16.7 Herbalife Nutrition Ltd.

16.8 Amway Corporation

16.9 MusclePharm Corporation

16.10 Orgain Inc.

16.11 Premier Nutrition Company LLC

16.12 OWYN

16.13 Fairlife LLC

16.14 Arla Foods amba

16.15 Lactalis Group

List Of Tables

LIST OF TABLES

- Table 1 Global Protein Beverages Market Outlook, By Region (2023–2034) (\$MN)
- Table 2 Global Protein Beverages Market Outlook, By Product Type (2023–2034) (\$MN)
- Table 3 Global Protein Beverages Market Outlook, By Protein Shakes (2023–2034) (\$MN)
- Table 4 Global Protein Beverages Market Outlook, By Protein-Infused Water (2023–2034) (\$MN)
- Table 5 Global Protein Beverages Market Outlook, By Energy Protein Drinks (2023–2034) (\$MN)
- Table 6 Global Protein Beverages Market Outlook, By Juice-Based Protein Beverages (2023–2034) (\$MN)
- Table 7 Global Protein Beverages Market Outlook, By Dairy-Based Protein Beverages (2023–2034) (\$MN)
- Table 8 Global Protein Beverages Market Outlook, By Plant-Based Protein Beverages (2023–2034) (\$MN)
- Table 9 Global Protein Beverages Market Outlook, By Clinical & Nutritional Drinks (2023–2034) (\$MN)
- Table 10 Global Protein Beverages Market Outlook, By Other Product Types (2023–2034) (\$MN)
- Table 11 Global Protein Beverages Market Outlook, By Protein Source (2023–2034) (\$MN)
- Table 12 Global Protein Beverages Market Outlook, By Animal-Based Protein (2023–2034) (\$MN)
- Table 13 Global Protein Beverages Market Outlook, By Whey Protein (2023–2034) (\$MN)
- Table 14 Global Protein Beverages Market Outlook, By Casein Protein (2023–2034) (\$MN)
- Table 15 Global Protein Beverages Market Outlook, By Milk Protein (2023–2034) (\$MN)
- Table 16 Global Protein Beverages Market Outlook, By Egg Protein (2023–2034) (\$MN)
- Table 17 Global Protein Beverages Market Outlook, By Plant-Based Protein (2023–2034) (\$MN)
- Table 18 Global Protein Beverages Market Outlook, By Soy Protein (2023–2034) (\$MN)
- Table 19 Global Protein Beverages Market Outlook, By Pea Protein (2023–2034) (\$MN)
- Table 20 Global Protein Beverages Market Outlook, By Rice Protein (2023–2034) (\$MN)
- Table 21 Global Protein Beverages Market Outlook, By Other Plant-Based Proteins

(2023–2034) (\$MN)

Table 22 Global Protein Beverages Market Outlook, By Form (2023–2034) (\$MN)

Table 23 Global Protein Beverages Market Outlook, By Ready-to-Drink (RTD)
(2023–2034) (\$MN)

Table 24 Global Protein Beverages Market Outlook, By Liquid Concentrates
(2023–2034) (\$MN)

Table 25 Global Protein Beverages Market Outlook, By Flavor (2023–2034) (\$MN)

Table 26 Global Protein Beverages Market Outlook, By Chocolate (2023–2034) (\$MN)

Table 27 Global Protein Beverages Market Outlook, By Vanilla (2023–2034) (\$MN)

Table 28 Global Protein Beverages Market Outlook, By Fruit-Based (2023–2034) (\$MN)

Table 29 Global Protein Beverages Market Outlook, By Coffee/Mocha (2023–2034)
(\$MN)

Table 30 Global Protein Beverages Market Outlook, By Unflavored (2023–2034) (\$MN)

Table 31 Global Protein Beverages Market Outlook, By Other Flavors (2023–2034)
(\$MN)

Table 32 Global Protein Beverages Market Outlook, By Packaging Type (2023–2034)
(\$MN)

Table 33 Global Protein Beverages Market Outlook, By Bottles (2023–2034) (\$MN)

Table 34 Global Protein Beverages Market Outlook, By Cans (2023–2034) (\$MN)

Table 35 Global Protein Beverages Market Outlook, By Cartons (2023–2034) (\$MN)

Table 36 Global Protein Beverages Market Outlook, By Pouches (2023–2034) (\$MN)

Table 37 Global Protein Beverages Market Outlook, By Application (2023–2034) (\$MN)

Table 38 Global Protein Beverages Market Outlook, By Sports Nutrition (2023–2034)
(\$MN)

Table 39 Global Protein Beverages Market Outlook, By Functional Nutrition
(2023–2034) (\$MN)

Table 40 Global Protein Beverages Market Outlook, By Meal Replacement (2023–2034)
(\$MN)

Table 41 Global Protein Beverages Market Outlook, By Clinical Nutrition (2023–2034)
(\$MN)

Table 42 Global Protein Beverages Market Outlook, By End User (2023–2034) (\$MN)

Table 43 Global Protein Beverages Market Outlook, By Athletes & Fitness Enthusiasts
(2023–2034) (\$MN)

Table 44 Global Protein Beverages Market Outlook, By Adults (General Wellness)
(2023–2034) (\$MN)

Table 45 Global Protein Beverages Market Outlook, By Kids (2023–2034) (\$MN)

Table 46 Global Protein Beverages Market Outlook, By Clinical Patients (2023–2034)
(\$MN)

Table 47 Global Protein Beverages Market Outlook, By Distribution Channel

(2023–2034) (\$MN)

Table 48 Global Protein Beverages Market Outlook, By Supermarkets & Hypermarkets

(2023–2034) (\$MN)

Table 49 Global Protein Beverages Market Outlook, By Convenience Stores

(2023–2034) (\$MN)

Table 50 Global Protein Beverages Market Outlook, By Specialty Stores (2023–2034)

(\$MN)

Table 51 Global Protein Beverages Market Outlook, By Pharmacies / Drugstores

(2023–2034) (\$MN)

Table 52 Global Protein Beverages Market Outlook, By Online Retail (2023–2034)

(\$MN)

Note: Tables for North America, Europe, APAC, South America, and Rest of the World (RoW) Regions are also represented in the same manner as above.

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