

United States Collagen Market Report and Forecast 2025-2034

Market Report | 2025-06-29 | 137 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

Report description:

The United States collagen market reached approximately USD 2.17 Billion in 2024. The market is estimated to grow at a CAGR of 9.70% in the forecast period of 2025-2034, reaching a value of around USD 5.48 Billion by 2034.

United States Collagen Market Growth

Collagen is a type of protein which is present inside the skin, muscle, bone, ligaments, and connective tissues of the body. It is composed of various amino acids such as proline, glycine and hydroxyproline that provide structure and strength to skin and other connective tissues.

The rising demand for collagen in various end-use industries such as food and beverage, healthcare, and cosmetics is a major factor fuelling United States collagen market expansion. The growing geriatric population in the U.S. has also driven demand for organic cosmetic products, biomedical devices, and collagen-based materials. The food and beverage industry is a significant contributor to the demand for gelatine and hydrolysed collagen, as collagen is an essential protein with multiple nutritional, skin, and health benefits. Additionally, the growing usage of native collagen in skin care formulations to delay wrinkle formation and aid in reducing skin blemishes has further propelled product demand.

Key Trends and Developments

Expansion of collagen applications, increasing awareness of collagen's health benefits, and rising popularity of collagen as a dietary supplement are boosting the United States collagen market growth

June 2024

Researchers have developed a prototyping machine that can extrude liquid collagen (gelatine) into long, thin "bio-fibres" that can be dissolved in hot water within minutes to an hour. These dissolvable collagen fibres aim to address the issue of textile waste, as

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

they can be recycled to produce more fibres.

June 2024

Dr. Lara Devgan, a renowned plastic surgeon, has partnered with American Bar to launch a collagen-infused cocktail, which is made with a plant-based formulation of collagen, D-biotin, and calcium to help promote the body's collagen and hyaluronic acid production.

June 2024

Pure Protein has launched a new all in one protein powder that contains 10g of collagen per serving, in addition to 25g of protein, 6g of fibre, and 14 vitamins and minerals. The collagen in the powder supports skin, joint, and bone health and weight loss.

Shift towards natural and clean-label ingredients

Consumers prefer natural and clean-label collagen sources, such as marine and plant-based collagens. To cater to this demand, brands like Vital Proteins and Bulletproof have launched collagen products made from grass-fed bovine or marine sources.

Expansion of collagen applications

Collagen is finding new uses in industries like textiles, 3D printing, and tissue engineering. For example, collagen-based scaffolds are being used in regenerative medicine to support tissue repair and regeneration.

Increasing awareness of collagen's health benefits

Collagen is a complete protein that contains all the essential amino acids and consumers are now more aware of collagen's benefits for skin, joints, and bone health, which is driving demand for collagen-based supplements and functional foods, such as collagen-infused protein bars and powders.

United States Collagen Market Trends

The burgeoning popularity of collagen as a dietary supplement that can enhance the strength of bones as well as provide flexibility to joints and ligaments is one of the key market trends. These supplements are mainly available in the form of hydrolysed collagen or collagen peptides and are broken down after consumption for fast absorption.

Rising usage of collagen for treating wounds is another prominent trend shaping the United States collagen market outlook. Collagen can support the removal of dead and infected tissue, promote new tissue growth, and help in reducing inflammation.

Furthermore, growing research and development activities by key players to develop innovative collagen solutions that can support the development of soft gel capsules with improved shelf stability are also propelling the market's growth. For instance, in December 2023, the U.S. Patent and Trademark Office (USPTO) granted a patent to Rousselot, its health brand of Darling Ingredients Inc., to gain the legal rights for StabiCaps, a gelatine that enhances the formulation and stability of soft gel capsules.

United States collagen Industry Segmentation

The EMR's report titled "United States Collagen Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Market Breakup by Source

- Bovine
- Porcine
- Poultry
- Marine
- Others

Market Breakup by Type

- Gelatine
- Hydrolysed Collagen
- Native Collagen
- Synthetic Collagen
- Others

Market Breakup by Application

- Food and Beverages
- Dietary Supplements
- Animal Feed
- Personal Care and Cosmetics
- Others

Market Breakup by Region

- New England
- Mideast
- Great Lakes
- Plains
- Southeast
- Southwest
- Rocky Mountain
- Far West

United States Collagen Market Share

The market is dominated by bovine sources, followed by porcine, poultry, and marine sources

Bovine occupies a significant portion of the market share, due to the affordability of bovine-based products compared to other sources as well as their easy availability. Bovine is rich in Type-I and Type-III collagens, which are the most vital constituents in promoting elasticity and reducing fine lines and wrinkles. Additionally, as per United States collagen market analysis, bovine collagen-based supplements are rich sources of arginine and glycine that are easily absorbed and promote muscle strength as well as bone health in the body.

Porcine collagen, on the other hand, are widely used in the food and beverage industry due to its gelling and emulsifying

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

properties. It is also a popular choice for medical applications such as wound dressings and tissue regeneration. Meanwhile, collagen derived from poultry sources, such as chicken and turkey, is increasingly being used in the food and cosmetic industries due to its unique functional properties and perceived health benefits.

Marine sources, including fish and shellfish, are expected to witness the fastest growth in the United States collagen market during the forecast period. The low energy content of fish collagen and its acceptance as a fat alternative are expected to drive the segment. Marine collagen is also popular in the personal care and cosmetics industry due to its superior bioavailability and skin-rejuvenating properties.

Collagen is extensively used by food and beverage, nutraceutical, and animal feed industry due to its several benefits

The food and beverage sector constitutes a substantial market share, due to the high popularity of dietary supplements and functional foods promoting youthful skin in the region. The rising usage of collagen as a food additive to improve the colour and texture of food also promotes the market growth.

The dietary supplements segment in United States collagen market report is expected to grow at a high CAGR due to the popularity of collagen supplements among consumers aged 18-24, with 37% of this age group using collagen powder/peptides in 2021. This trend is driven by the growing awareness of the benefits of collagen for skin health, hair growth, and joint function. For example, a study published in the National Library of Medicine found that taking collagen supplements for 12 weeks significantly improved skin elasticity and hydration in women aged 35-55.

Another trend in the above segment is the growing popularity of flavoured gummies. Collagen gummies are convenient and easy to consume, providing a more palatable form of collagen. For instance, Vital Proteins, a leading collagen supplement brand, offers strawberry lemon, mixed berry, and tropical punch flavoured collagen gummies. In addition to its use in dietary supplements, collagen is also used in animal feed to support the skin and coat health, joint function, and overall well-being of livestock.

Leading Companies in the United States Collagen Market

Market players are leveraging advancements in vegan collagen technology to meet consumer demand for anti-ageing and hydrating skincare products

GELITA AG

GELITA AG, established in 1875, is a gelatine and collagen peptides provider that is headquartered in Eberbach, Germany. Some of its major products are gelatine capsules, fortified gummies, tablets, fertilisers, and pet food, among others. The company offers its solutions in the food and beverages, health and nutrition, pharmaceuticals, lubricants, and technical detergents sectors, among others.

DSM NV

DSM NV is a multinational human nutrition and animal nutrition company, incorporated in 1902 and based in Heerlen, the Netherlands. It provides its products and services in the sectors of animal nutrition and health, human nutrition, food and beverages, and personal care, among others.

Evonik Industries AG

Evonik Industries AG, founded in 2007 and headquartered in Essen, Germany, is a speciality chemicals company. It falls under the

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

RAG foundation and is the second-largest chemical corporation in Germany. The company offers a range of personal care products such as BeautiFerm Lift, ProContour, and TEGO Pep UP, which promote youthful skin.

COBIO S.A.

COBIO S.A. was founded in 1969 and is headquartered in Spain, Europe. It has over 50 years of experience manufacturing and developing effective active ingredients for skin and hair cosmetic treatments. The company specialises in the production of botanical extracts from the Andean region and the extraction of natural active ingredients.

Other key players in the United States collagen market include Darling Ingredients Inc. (Rousselot BV), Ashland Inc., Tessenderlo Group NV, Nitta Gelatin, Inc., Holista Colltech Ltd., and BICO Group AB (Advanced BioMatrix), among others.

United States Collagen Market Analysis by Region

The regional markets across the US have a growing demand for collagen products in various applications

The Mideast region, which includes states like New York and Pennsylvania, is a major market for collagen due to the high demand for anti-ageing and personal care products. The Southeast, including states like Florida and Georgia, also has a significant United States collagen market share driven by the growing popularity of collagen-infused foods and beverages. Meanwhile, in the Southwest, Texas is a key market for collagen supplements, while the Rocky Mountain region, encompassing Colorado and Utah, is seeing increased adoption of collagen for sports nutrition.

United States Collagen Market Report Snapshots

United States Collagen Market Size

United States Collagen Market Growth

United States Collagen Market Trends

United States Collagen Market Share

United States Collagen Companies

United States Collagen Market Regional Analysis

Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 North America Collagen Market Overview
 - 5.1 Key Industry Highlights
 - 5.2 North America Collagen Historical Market (2018-2024)
 - 5.3 North America Collagen Market Forecast (2025-2034)
- 6 United States Collagen Market Overview
 - 6.1 Key Industry Highlights
 - 6.2 United States Collagen Historical Market (2018-2024)
 - 6.3 United States Collagen Market Forecast (2025-2034)
- 7 United States Collagen Market by Source
 - 7.1 Bovine
 - 7.1.1 Historical Trend (2018-2024)
 - 7.1.2 Forecast Trend (2025-2034)
 - 7.2 Porcine
 - 7.2.1 Historical Trend (2018-2024)
 - 7.2.2 Forecast Trend (2025-2034)
 - 7.3 Poultry
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
 - 7.4 Marine
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
 - 7.5 Others
- 8 United States Collagen Market by Type
 - 8.1 Gelatine
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
 - 8.2 Hydrolysed Collagen

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.2.1 Historical Trend (2018-2024)
- 8.2.2 Forecast Trend (2025-2034)
- 8.3 Native Collagen
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
- 8.4 Synthetic Collagen
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
- 8.5 Others
- 9 United States Collagen Market by Application
 - 9.1 Food and Beverages
 - 9.1.1 Historical Trend (2018-2024)
 - 9.1.2 Forecast Trend (2025-2034)
 - 9.2 Dietary Supplements
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
 - 9.3 Animal Feed
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)
 - 9.4 Personal Care and Cosmetics
 - 9.4.1 Historical Trend (2018-2024)
 - 9.4.2 Forecast Trend (2025-2034)
 - 9.5 Others
- 10 United States Collagen Market by Region
 - 10.1 New England
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
 - 10.2 Mideast
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)
 - 10.3 Great Lakes
 - 10.3.1 Historical Trend (2018-2024)
 - 10.3.2 Forecast Trend (2025-2034)
 - 10.4 Plains
 - 10.4.1 Historical Trend (2018-2024)
 - 10.4.2 Forecast Trend (2025-2034)
 - 10.5 Southeast
 - 10.5.1 Historical Trend (2018-2024)
 - 10.5.2 Forecast Trend (2025-2034)
 - 10.6 Southwest
 - 10.6.1 Historical Trend (2018-2024)
 - 10.6.2 Forecast Trend (2025-2034)
 - 10.7 Rocky Mountain
 - 10.7.1 Historical Trend (2018-2024)
 - 10.7.2 Forecast Trend (2025-2034)
 - 10.8 Far West
 - 10.8.1 Historical Trend (2018-2024)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.8.2 Forecast Trend (2025-2034)
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Competitive Landscape
 - 13.1 Supplier Selection
 - 13.2 Key Global Players
 - 13.3 Key Regional Players
 - 13.4 Key Player Strategies
 - 13.5 Company Profiles
 - 13.5.1 GELITA AG
 - 13.5.1.1 Company Overview
 - 13.5.1.2 Product Portfolio
 - 13.5.1.3 Demographic Reach and Achievements
 - 13.5.1.4 Certifications
 - 13.5.2 DSM NV
 - 13.5.2.1 Company Overview
 - 13.5.2.2 Product Portfolio
 - 13.5.2.3 Demographic Reach and Achievements
 - 13.5.2.4 Certifications
 - 13.5.3 Darling Ingredients Inc. (Rousselot BV)
 - 13.5.3.1 Company Overview
 - 13.5.3.2 Product Portfolio
 - 13.5.3.3 Demographic Reach and Achievements
 - 13.5.3.4 Certifications
 - 13.5.4 Evonik Industries AG
 - 13.5.4.1 Company Overview
 - 13.5.4.2 Product Portfolio
 - 13.5.4.3 Demographic Reach and Achievements
 - 13.5.4.4 Certifications
 - 13.5.5 Ashland Inc.
 - 13.5.5.1 Company Overview
 - 13.5.5.2 Product Portfolio
 - 13.5.5.3 Demographic Reach and Achievements
 - 13.5.5.4 Certifications

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 13.5.6 Tessenderlo Group NV
 - 13.5.6.1 Company Overview
 - 13.5.6.2 Product Portfolio
 - 13.5.6.3 Demographic Reach and Achievements
 - 13.5.6.4 Certifications
- 13.5.7 Nitta Gelatin, Inc.
 - 13.5.7.1 Company Overview
 - 13.5.7.2 Product Portfolio
 - 13.5.7.3 Demographic Reach and Achievements
 - 13.5.7.4 Certifications
- 13.5.8 Holista Colltech Ltd.
 - 13.5.8.1 Company Overview
 - 13.5.8.2 Product Portfolio
 - 13.5.8.3 Demographic Reach and Achievements
 - 13.5.8.4 Certifications
- 13.5.9 BICO Group AB (Advanced BioMatrix)
 - 13.5.9.1 Company Overview
 - 13.5.9.2 Product Portfolio
 - 13.5.9.3 Demographic Reach and Achievements
 - 13.5.9.4 Certifications
- 13.5.10 COBIOSA S.A.
 - 13.5.10.1 Company Overview
 - 13.5.10.2 Product Portfolio
 - 13.5.10.3 Demographic Reach and Achievements
 - 13.5.10.4 Certifications
- 13.5.11 Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

United States Collagen Market Report and Forecast 2025-2034

Market Report | 2025-06-29 | 137 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scott's-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scott's-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-07"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com