

## **United States Bioplastics Market Growth Analysis - Forecast Trends and Outlook (2025-2034)**

Market Report | 2025-06-29 | 135 pages | EMR Inc.

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### **Report description:**

The United States bioplastics market reached around USD 2.40 Billion in 2024. The market is estimated to grow at a CAGR of 18.10% during the forecast period of 2025-2034 to attain nearly USD 12.67 Billion by 2034.

#### United States Bioplastics Market Outlook

The United States bioplastics market expansion is being fuelled by rising environmental damage affecting the oceans and lakes. The US government aims to replace 90% of all circulating plastics with biomaterials in the upcoming decades, signalling a significant transformation for the packaging industry. Major market players are developing new bioplastics with unique functional attributes, which is expected to drive the market growth.

The increasing demand for packaged food and beverage products is expected to accelerate the demand for tough bioplastics with high tensile strength. They are preferred for their non-toxic and leakproof nature by commercial food and beverage manufacturers. The versatility and wide-ranging applications of bioplastics are expected to make them an indispensable material in the transition towards sustainability, which is expected to drive the United States bioplastics market development in the forecast period.

#### The Rising Demand for Biodegradable Plastics is One of the Crucial United States Bioplastics Market Trends

- Biodegradable plastics are expected to experience the highest growth, with a CAGR of 20.0%. The increasing consumer preference for environmentally friendly products, stringent regulations on plastic waste, and advancements in biodegradable materials are boosting the United States bioplastics market revenue.
- Non-biodegradable plastics, with a CAGR of 16.3%, continue to be significant due to their durability and diverse applications,

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although their growth is moderated by the rising preference for biodegradable options.

#### The Growing Demand for Sustainable Packaging Solutions is Driving the United States Bioplastics Market Growth

- The packaging segment is expected to experience the highest growth, with a CAGR of 20.7%. The United States bioplastics demand growth is driven by the increasing demand for sustainable packaging solutions, stringent environmental regulations, and growing consumer preference for eco-friendly products.
- The automotive and transportation segment, with a CAGR of 19.4%, is witnessing significant growth as manufacturers seek to reduce the environmental impact of vehicles by incorporating bioplastics into components and interiors.
- The consumer goods segment, growing at a CAGR of 18.7%, is expected to account for a significant portion of the United States bioplastics market share. The segment remains strong due to the rising awareness and demand for sustainable materials in everyday products.
- The electricals and electronics segment is estimated to grow at a CAGR of 17.2% during the forecast period of 2025-2034. The increasing use of bioplastics in electronic housings, components, and insulation materials, driven by the push for greener electronics, is surging the United States bioplastics market value.
- The textiles segment, growing at a CAGR of 16.3%, reflects the expanding use of bioplastics in fibres and fabrics, particularly in the fashion and apparel industry.
- As per the United States bioplastics market analysis, the agriculture and horticulture segment, with a CAGR of 14.5%, continues to see growth due to the adoption of bioplastics in applications like mulch films, plant pots, and controlled-release fertilisers, driven by the need for sustainable agricultural practices.

#### United States Bioplastics Market Regional Analysis

- The Far West region is expected to lead with the highest CAGR of 21.0%. Strong environmental regulations, a high concentration of eco-conscious consumers, and significant investments in sustainable technologies are creating lucrative United States bioplastics market opportunities.
- The Rocky Mountain region follows with a CAGR of 19.6%, supported by increasing awareness of environmental issues and a growing market for eco-friendly products.
- The Southwest is projected to grow at a CAGR of 18.7% between 2025 and 2034. A dynamic economy and a rising demand for sustainable materials are shaping the United States bioplastics market dynamics and trends.
- The Southeast, growing at a CAGR of 18.0%, shows significant growth due to expanding industrial activities and a strong focus on sustainability initiatives.
- New England, with a CAGR of 16.9%, and the Mideast, with a CAGR of 15.6%, exhibit steady growth, driven by robust academic research and corporate commitments to sustainability.
- The United States bioplastics market regional insights suggest that the Plains region, with a CAGR of 14.5%, and the Great Lakes region, with a CAGR of 13.6%, experience moderate growth due to ongoing industrial applications and the gradual adoption of bioplastics.

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## Key Questions Answered in This Report:

- How has the United States bioplastics market performed historically, and what are the growth expectations for the future?
- What are the primary factors influencing demand and growth in the United States bioplastics market?
- What are the key segments within the United States bioplastics market, and how are they expected to evolve over the forecast period?
- What are the major challenges and opportunities facing stakeholders in the United States bioplastics market?
- Who are the key players in the United States bioplastics market, and what strategies are they employing to maintain a competitive edge?
- What are the regulatory and policy factors influencing the United States bioplastics market globally or regionally?
- How competitive is the United States bioplastics market according to Porter's five forces analysis, including factors like bargaining power of buyers and suppliers?
- What are the current trends shaping the United States bioplastics market landscape, and how are they expected to evolve in the future?
- How are technological advancements impacting the United States bioplastics market, and what role do innovation and R&D play in driving growth?
- What are the consumer preferences and buying behavior trends influencing the United States bioplastics market?
- How sustainable are current growth rates in the United States bioplastics market, and what factors could potentially disrupt these trends?
- What are the regional dynamics within the United States bioplastics market, and how do they contribute to overall market growth?
- What are the economic factors influencing the United States bioplastics market, such as GDP growth, inflation rates, and currency fluctuations?
- How are demographic shifts, such as aging populations or urbanization trends, affecting demand in the United States bioplastics market?
- What are the key strategic partnerships, mergers, and acquisitions shaping the competitive landscape of the United States bioplastics market?
- What are the regulatory and legal frameworks impacting the United States bioplastics market globally or in key regions?
- How are changing consumer lifestyles and preferences influencing product or service demand within the United States bioplastics market?

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- What are the emerging market trends and niche opportunities within the United States bioplastics market that stakeholders should be aware of?
- How resilient is the United States bioplastics market to external shocks or disruptions, such as geopolitical tensions or natural disasters?
- What are the potential barriers to market entry and growth for new players in the United States bioplastics market?

**Key Benefits for Stakeholders:**

Expert Market Research's industry report provides a comprehensive quantitative analysis of various market segments, historical and current market trends, and forecasts the dynamics of the United States bioplastics market spanning from 2018 to 2034.

The research report delivers up-to-date insights into the market drivers, challenges, and opportunities shaping the United States bioplastics industry.

Stakeholders can leverage Porter's five forces analysis to assess the impact of new entrants, competitive rivalry, supplier power, buyer power, and the threat of substitution. This analysis aids in evaluating the competitiveness and attractiveness of the United States bioplastics market.

The competitive landscape section enables stakeholders to gain a deep understanding of their competitive environment. It offers insights into the current market positions of key players, their strategies, and their market shares.

Additionally, the report highlights emerging trends, regulatory influences, and technological advancements that are pivotal for stakeholders navigating the United States bioplastics market landscape.

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