

# PLGA Market Set to Skyrocket to USD 633.97 Million by 2034 with an Impressive 16.4% CAGR

*The growth in global healthcare disbursement is driving the market demand*

NEW YORK CITY, NY, UNITED STATES, December 3, 2024 /EINPresswire.com/ -- Our PLGA market report has been prepared using advanced methodologies and research techniques to help businesses make strategic business decisions.

PLGA market is expected to reach USD 633.97 million by 2034, growing at a CAGR of 16.4%. The market is driven by the increasing demand for biodegradable polymers in drug delivery and tissue engineering. The market is expected to reach USD 138.73 million by 2024, growing at a CAGR of 16.4%. The market is expected to reach USD 633.97 million by 2034.

Key findings of the report:

Amongst all biomaterials, the petition of biodegradable polymers poly lactic-co-glycolic acid (PLGA) has exhibited massive probability as a drug conveyance carrier and as scaffolds for tissue engineering. PLGA is a pedigree of FDA-consented to biodegradable polymers that are physically robust and excessively biocompatible.

PLGA is the most favored among the several obtainable biodegradable polymers due to its prolonged clinical involvement, approved degradation attributes, and prospects for encouraged drug conveyance. Government and healthcare donors are funding inventive technologies and substances such as PLGA to improve patient results, and curtailment of healthcare costs is pushing the PLGA market demand.





PLGA is a biodegradable and biocompatible polymer extensively utilized in medical and pharmaceutical applications."

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Administrative approvals and norms endorsing the usage of PLGA in medical and pharmaceutical surroundings have eased market growth. The outstanding mechanical attributes and biodegradability of PLGA render it a perfect scaffold substance for encouraging cell growth and tissue revival in tissue engineering, particularly in bone revival, cartilage mending, and wound palliating applications, boosting the demand for PLGA market growth.

The growing aggregate of coincidental cases requiring surgical mediation has caused a growing demand for PLGA. For instance, in 2022, the US observed 42,514 deaths from motor vehicle accidents, causing 12.8 mortalities per 100,000 persons and 1.33 fatalities per 100 million miles traversed, as per the Insurance Institute for Highway Safety (IIHS).

The growing cases of detrimental illnesses and the growing aggregate of surgical processes additionally cause surging demand for PLGA. For instance, as per the World Health Organization (WHO), there were approximately 20 million cancer cases in 2022. Estimates recommend the aggregate of contemporary cancer cases will outdo 35 million in 2050, indicating a sizeable 77% surge from 2022.

Key players:

- Akina, Inc.
- Ashland
- Bezwada Biomedical, LLC.
- CD Bioparticles
- Corbion NV
- Evonik
- Jinan Digang Bioengineering Co., Ltd.
- Merck
- Mitsui Chemicals
- Nomisma Healthcare Pvt. Ltd

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- The PLGA market segmentation is based on grade, composition, type, application, end use, and region.
- By end use analysis, the healthcare segment held the largest market share. This is due to the growing geriatric population with a prolonged life cycle, which demands more often medical observation and prolonged care for age-connected conditions.
- By application analysis, the surgical sutures segment is poised to register a significant CAGR. This is due to the growing aggregate of surgical procedures globally due to maturing population and a growth in detrimental illnesses.

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The research report covers all the major regions and sub-regions of the PLGA market. The study provides market insights into North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa.

□□□□ □□□□□□□□: North America accounted for the largest market share. This is primarily because of its excessively advanced healthcare framework and progressive medical facilities, which push the demand for several applications such as drug conveyance systems, tissue engineering, and surgical sutures.

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How much is the PLGA market?

The market size was valued at USD 138.73 million in 2024 and is projected to grow to USD 633.97 million by 2034.

What is the growth rate of the PLGA market?

The market is projected to grow at a CAGR of 16.4% from 2025 to 2034.

Which region held the largest market share?

North America had the largest share of the market.

Which end-use segment held the highest share in the market?

The healthcare segment held the highest share in the PLGA market.

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