

Blood Platelets Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 to 2032

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Abstracts

The Global Blood Platelets Market was valued at USD 5.6 billion in 2023 and is projected to grow at a CAGR of 4.2% from 2024 to 2032. This growth is primarily fueled by the rising prevalence of chronic and blood-related disorders, alongside an increasing demand for blood transfusions. Chronic and blood-related disorders are key drivers of market expansion. Contributing factors include an aging population, lifestyle-related health challenges, and a surge in cancer rates. For example, the World Health Organization reports that cardiovascular diseases account for 17.9 million deaths annually, many of which involve platelet therapies.

Growing awareness about blood donations and platelet transfusions is becoming a prominent trend in the market. Initiatives like World Blood Donor Day have effectively underscored the importance of blood and platelet donations. Such campaigns are boosting voluntary donations, thereby increasing the platelet supply for essential medical treatments, including surgeries and trauma care. The overall industry is segmented into platelet type, application, end-use, and region.

The market categorizes platelet types into apheresis-derived platelets and whole-blood-derived platelets. The apheresis-derived platelets segment led with a revenue of USD 3 billion in 2023. Apheresis technology enables the collection of a greater number of platelets from a single donor than traditional whole-blood donations. This capability is vital for addressing the high demand for platelets in urgent medical scenarios, such as surgeries and cancer treatments. Applications of blood platelets include thrombocytopenia, hemato-oncology, perioperative indications, hemophilia, platelet function disorders, and others.

In 2023, the thrombocytopenia segment led the market with a 44.3% share.

Thrombocytopenia, marked by a reduced platelet count, is commonly linked to disorders like autoimmune diseases, infections, and certain cancers. This widespread occurrence drives a robust demand for platelet transfusions in its management and treatment. North

America blood platelets market accounted for USD 1.5 billion in 2023, with projections of a 2.8% CAGR from 2024 to 2032. The region sees a notable incidence of blood disorders, including leukemia and lymphoma. As the number of cancer patients and individuals with blood disorders rises, so does the demand for blood platelets for both treatments and research.

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