

## **Global Disposable Blood Bags - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

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### **Report description:**

The Global Disposable Blood Bags Market size is estimated at USD 465.22 billion in 2025, and is expected to reach USD 574.77 billion by 2030, at a CAGR of 4.32% during the forecast period (2025-2030).

The increasing number of trauma and injuries, the rising burden of blood-related and other chronic disorders, and increasing government initiatives for blood transfusions are expected to boost market growth over the forecast period.

The increasing burden of accidents, trauma, and other medical emergencies requiring blood transfusions is the primary driver of the disposable blood bag market. Road accidents are a significant cause of injuries among children and young adults (5-29 years old), posing a significant threat to their health and well-being. For instance, according to data published by the World Health Organization in December 2023, between 20 and 50 million people suffer from non-fatal injuries, with many incurring a disability. Blood transfusion activities often accompany these severe injuries during surgical procedures to treat fatal injuries as well as to recover blood loss. Hence, road accident injuries that necessitate blood transfusion increase the procurement rate of disposable blood bags, which is expected to propel the market growth during the forecast period.

The prevalence of blood-related and other chronic diseases, such as hemophilia, sickle cell disease, blood cancer, and leukemia, is increasing, which can lead to hospitalization, which further necessitates the demand for blood transfusion. For instance, as per the data published by the World Federation of Hemophilia, in March 2023, over 400,000 individuals lived with hemophilia globally, requiring regular blood transfusions for treatment. Thus, this routine blood transfusion procedure among hemophilia patients propels the demand for disposable blood bags, contributing to market growth.

Additionally, the incidence of rare blood disorders and the number of people with chronic anemia are predicted to increase the

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demand for blood-derived materials, fueling the demand for blood transfer bags. For instance, according to the World Health Organization, in May 2023, almost 40% of children aged 6-15 and about 3 in 10 pregnant women aged between 15 and 49 years old suffer from anemia worldwide, thus raising the need for blood transfusion in critical cases. Hence, it is expected to have a positive impact on the market growth.

Furthermore, emerging technological advancements and increasing new product launches are also expected to fuel the availability of disposable blood bags in the market, hence anticipated to drive the market growth over the forecast period. For instance, in August 2023, Fresenius Kabi stated its progress in developing a DEHP-free blood bag system. The company revealed a new blood bag system with a red cell bag made from PVC/BTHC material. These developments are anticipated to boost the market growth.

Therefore, owing to the factors above, such as the rising number of trauma and injuries and the growing burden of blood-related, the market is anticipated to witness growth over the analysis period. However, the high risk associated with blood donation and transfusion will impede market growth over the forecast period.

### Disposable Blood Bags Market Trends

#### Blood Transfusion Bags is Expected to Witness Significant Growth Over the Forecast Period

Blood transfusion bags hold blood or its components, like red blood cells or plasma. These bags are connected to a thin tube and inserted into a vein, allowing the blood products to flow directly into the human body.

The blood transfusion bags segment is anticipated to hold a significant market share over the forecast period. Factors such as the growing number of surgical procedures such as cardiac surgery, vascular surgery, and others that require a blood transfusion to recover the blood loss during surgical procedures are expected to boost segment growth. In addition, the increasing prevalence of blood-related and chronic conditions such as hemophilia, anemia, and thalassemia require regular blood transfusions, further propelling the demand for disposable blood transfusion bags in the market.

The increasing need for blood transfusions, owing to the growing aging population, complex surgeries, and improved trauma care, creates a direct demand for blood transfusion bags across healthcare facilities. For instance, according to the article published by Starpearls in June 2023, around 5 million Americans require a blood transfusion each year for acute blood loss, surgery, hemophilia, or cancer. As the number of blood transfusions rises, the demand for blood transfusion bags inevitably increases. Thus, with the rising cases of blood transfusion, the studied segment is anticipated to grow over the forecast period.

Moreover, manufacturers aim to reach more customers and expand their market share by adopting effective distribution channels and acquisition strategies. For instance, in January 2022, SpotSee signed the acquisition of the assets of Biosynergy, Inc., a medical device manufacturer. This acquisition aims to strengthen the company's goal of reducing product damage by incorporating blood temperature monitoring devices in blood bags, which can further improve product supply and cold chain. Such developments are anticipated to boost segment growth during the forecast period.

Thus, the factors above, such as the rising cases of blood transfusion and manufacturers focusing on strategies such as acquisition, are expected to increase the segment growth, thereby boosting the market growth over the forecast period.

#### North America Holds a Significant Share in the Market and Do the Same during the Forecast Period

Some of the factors driving the market growth in the North American region include the increasing prevalence of blood-related disorders coupled with the elderly population, the rising burden of road accidents and injuries, and new product launches.

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Elderly individuals are more likely to require a blood transfusion due to chronic health conditions that require surgical procedures, hence raising the demand for safe and readily available blood supplies in the United States. Also, the demand for blood is increasing across the region, propelling the need for various disposable blood bags to collect and transport blood from one place to another. For instance, according to the data published by the American National Red Cross 2024 update, approximately 29,000 red blood cells, nearly 5,000 platelets, and 6,500 plasma units are needed daily in the United States. About 16 million blood components are transfused each year in the United States.

Furthermore, the burden of road accidents has propelled the demand for blood supply during surgical procedures as well as to recover the blood loss. For instance, according to the data published by Fatal Car Crash Statistics 2024, about 42,795 fatal car crashes were reported in the United States in 2022.

The rising prevalence of anemia, leukemia, thalassemia, and hemophilia among the population necessitates frequent blood transfusions to patients to replenish red blood cells and improve oxygen delivery throughout the body. For instance, according to the American Cancer Society, in January 2024, about 62,770 new cases of leukemia and 8,570 new cases of Hodgkin lymphoma were expected to be diagnosed in the United States. Additionally, according to the 2023 updated data published by Leukemia and Lymphoma, about 184,720 new leukemia, lymphoma, and myeloma cases were recorded in the United States in 2023.

Furthermore, according to the data published by Canadian Cancer Statics in 2023, about 239,100 Canadians were diagnosed with cancer in 2022. Hence, the rising prevalence of anemia, leukemia, and thalassemia is a significant factor driving the demand for disposable blood bags due to the increased need for blood transfusions and blood component therapy, contributing to the market growth.

Therefore, owing to the factors mentioned above, such as the growing blood test counts among patients, rising blood transfusion, growing cases of road accidents, and increasing cases of leukemia, lymphoma, and myeloma in the region, the growth of the market is anticipated to increase in the North American region over the forecast period.

#### Disposable Blood Bags Industry Overview

The disposable blood bags market is fragmented in nature due to the presence of many companies operating globally. The competitive landscape includes an analysis of a few international as well as local companies that hold market shares and are well known. The key players are adopting key strategic activities such as new product launches and collaborations to maintain their market position. Some of the key market players are MacoPharma, AdvaCare Pharma, Fresenius SE & Co. KGaA, Teleflex Incorporated, Haemonetics Corporation, and Terumo Corporation, among others.

#### Additional Benefits:

- <ul> <li> The market estimate (ME) sheet in Excel format </li>
- <li> 3 months of analyst support </li> </ul>

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