

U.S. Surgical Dressings Market Size, Share & Trends Analysis Report By Product (Primary, Secondary), By Application (Ulcers, Burns, Diabetes Related Surgeries, Cardiovascular Related Surgeries), By End Use (Hospitals, Specialty Clinics), And Segment Forecasts, 2025 - 2030

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Abstracts

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U.S. Surgical Dressings Market Trends

The U.S. surgical dressings market size was estimated at USD 1.52 billion in 2024 and is expected to grow at a CAGR of 4.09% from 2025 to 2030. The rising number of surgical procedures and the growing prevalence of chronic wounds, such as diabetic foot ulcers & pressure ulcers, are some of the factors driving the market growth.

According to data published by the Agency for Healthcare Research and Quality in February 2024, approximately 2.5 million people develop pressure ulcers in the U.S. Furthermore, innovations like smart dressings and 3D printing are anticipated to boost the effectiveness of surgical dressings.

Moreover, the increasing prevalence of organ transplant surgeries significantly drives the surgical dressings market due to the heightened demand for specialized wound care products post-surgery. For instance, as per a report by the Organ Procurement and Transplantation Network, in January 2025, around 48,149 transplants were performed in the U.S., marking a 3.3 percent increase compared to the total in 2023 and a 23.3 percent rise over the past five years in the U.S. As organ transplant surgeries rise, the need for advanced wound care solutions such as antibacterial

dressings, hydrocolloids, hydrogels, and film dressings is anticipated to increase. These dressings offer optimal moisture balance, enhance healing, and provide antimicrobial properties, essential for patients recovering from invasive surgeries like organ transplants.

The growing prevalence of chronic and acute wounds, including diabetic ulcers, pressure ulcers, burns, and venous leg ulcers, is the key factor driving the growth of the U.S. surgical dressings market. This rise is mainly due to the increasing incidence of chronic diseases such as diabetes, cardiovascular conditions, and cancer. According to CDC data published in December 2023, around 96 million adults (38% of U.S. adults) have prediabetes, with over 80% unaware of their condition. Diabetic foot ulcers are a common complication of severe diabetes, while pressure ulcers often occur in cancer patients.

Therefore, the high burden of these chronic diseases is expected to boost the demand for surgical dressings to manage wounds arising from surgical procedures related to these conditions.

In addition, there has been a significant rise in cosmetic surgical procedures. Data released by Discovery ABA in February 2024 reveals that roughly 26.2 million surgical and minimally invasive reconstructive and cosmetic procedures were performed in 2022 in the U.S., reflecting a significant 19% increase in cosmetic surgeries since 2019. Surgical dressings are utilized during aesthetic and plastic surgeries. Thus, the growing number of cosmetic surgical procedures is projected to further enhance market growth over the forecast period.

U.S. Surgical Dressings Market Report Segmentation

This report forecasts revenue growth at country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the U.S. surgical dressings market report based on product, application, and end use:

Product Outlook (Revenue, USD Million, 2018 - 2030)

Primary

Foam Dressing

Alginate Dressing

Soft Silicone Dressing

Composite Dressing

Hydrogel Dressing

Hydrocolloid Dressing

Film Dressing

Secondary

Absorbents

Bandages

Muslin Bandage Rolls

Elastic Bandage Rolls

Triangular Bandages

Orthopedic Bandages

Elastic Plaster Bandages

Other Bandages

Adhesive Tapes

Protectives

Others

Others

Application Outlook (Revenue, USD Million, 2018 - 2030)

Diabetes related surgeries

Cardiovascular related surgeries

Ulcers

Burns

Transplant Sites

Others

End Use Outlook (Revenue, USD Million, 2018 - 2030)

Hospitals

Specialty Clinics

Home Healthcare

Ambulatory Surgery Centers

Others

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