

U.S. Surgical Sutures Market Size, Share & Trends Analysis Report By Type (Absorbable, Nonabsorbable), By Filament (Monofilament, Multifilament), By Application (General Surgery, Ophthalmic Surgery, Cardiovascular Surgery), By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

The U.S. surgical sutures market size was estimated at USD 1,833.9 million in 2024 and is projected to reach USD 2,210.7 million by 2030, growing at a CAGR of 3.18% from 2025 to 2030. The market is witnessing strong growth, driven by increasing surgical procedures, including elective and emergency surgeries, and a rising preference for minimally invasive techniques.

An aging population with chronic conditions such as diabetes and cardiovascular diseases is further boosting demand for effective wound closure solutions. The U.S. surgical sutures industry is experiencing robust growth, driven by several key factors. The increasing prevalence of chronic diseases, a growing geriatric population, and advancements in surgical techniques are significantly boosting the demand for surgical sutures. Technological innovations, such as the development of absorbable and antimicrobial sutures, are enhancing surgical outcomes and patient recovery times. Furthermore, the expansion of Ambulatory Surgery Centers (ASCs) is enabling more outpatient procedures, further boosting the need for effective wound closure solutions. The U.S. performed 6.1 million surgical procedures, highlighting the scale of demand for advanced suturing products.

Government policies and regulations are crucial in shaping the U.S. surgical sutures industry. The U.S. Food and Drug Administration (FDA) oversees the classification and

approval of surgical sutures, ensuring their safety and efficacy. Moreover, federal initiatives to improve healthcare infrastructure and support medical innovation contribute to market growth.

U.S. Surgical Sutures Market Report Segmentation

This report forecasts revenue growth country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2030. For this study, Grand View Research has segmented the U.S. surgical sutures market report based on type, filament, and application:

Type Outlook (Revenue, USD Million, 2021 - 2030)

Absorbable

Nonabsorbable

Filament Outlook (Revenue, USD Million, 2021 - 2030)

Monofilament

Multifilament

Others

Application Outlook (Revenue, USD Million, 2021 - 2030)

General Surgery

Ophthalmic Surgery

Cardiovascular Surgery

Orthopedic Surgery

Neurological Surgery

Others

This report can be delivered to the clients within 2 Business Days

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