

U.S. Dental Bone Grafts And Substitutes Market Size, Share & Trends Analysis Report By Material Type (Autograft, Allografts, Xenograft, Synthetic), By Application (Ridge Augmentation, Sinus Lift), By End-use (Hospitals, Dental Clinics), And Segment Forecasts, 2026 - 2033

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Abstracts

The U.S. dental bone grafts and substitutes market size was estimated at USD 272.96 million in 2025 and is projected to reach USD 613.31 million by 2033, growing at a CAGR of 10.82% from 2026 to 2033. The market growth is primarily driven by the rising adoption of dental implants and by increasing cases of periodontal disease, which lead to bone loss.

Growing awareness of advanced restorative procedures and the expanding elderly population further support demand for bone regeneration solutions. In addition, advancements in biomaterials and minimally invasive techniques are encouraging wider clinical adoption.

The increasing prevalence of periodontal disease is a significant driver of the U.S. dental bone grafts and substitutes industry. Advanced gum disease often leads to alveolar bone loss, creating the need for regenerative procedures to restore bone structure before implant placement. As more patients seek treatment for tooth loss caused by chronic periodontitis, demand for bone graft materials continues to rise. This growing clinical need supports the market's significant expansion.

The rising demand for cosmetic and restorative dentistry is driving significant growth in the U.S. dental bone grafts and substitutes market. Patients prefer long-lasting, natural-

looking solutions such as implant-supported restorations over traditional dentures. Many of these procedures require bone augmentation to ensure implant stability and aesthetic outcomes. As a result, the growing focus on smile enhancement and functional restoration is driving higher utilization of dental bone graft materials.

For instance, Fountains Dental Care highlights that cosmetic dentistry continues to grow as patients seek naturally beautiful smiles and advanced restorative options such as implants, veneers, and bone regenerative procedures. This trend reflects greater interest in treatments that enhance aesthetics and improve oral function, often requiring supportive materials like dental bone grafts and substitutes. As dental practices adopt digital technologies and regenerative techniques to meet rising patient expectations, demand for related grafting solutions is also expanding.

U.S. Dental Bone Grafts And Substitutes Market Report Segmentation

This report forecasts revenue growth at the country level and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the U.S. dental bone grafts and substitutes market report based on material type, application, and end-use:

Material Type Outlook (Revenue, USD Million, 2021 - 2033)

Autograft

Allograft

Demineralized Bone Matrix

Others

Xenograft

Synthetic

Application Outlook (Revenue, USD Million, 2021 - 2033)

Ridge Augmentation

Sinus Lift

Periodontal Defect Regeneration

Implant Bone Regeneration

Socket Preservation

End-use Outlook (Revenue, USD Million, 2021 - 2033)

Hospitals

Dental Clinics

This report can be delivered to the clients within 3 Business Days

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