

United States Dental Consumables Market Assessment, By Product [Dental Restoration Products, Dental Restoration Materials, Other Dental Consumables], By Orthodontics [Clear Aligners/Removable Braces, Fixed Braces], By Periodontics [Dental Anesthetics, Dental Hemostats, Dental Sutures], By Endodontics [Shaping & Cleaning Consumables, Access Preparation Consumables, Obturation Consumables], By End-user [Hospitals, Clinics, Others] By Region, Opportunities and Forecast, 2017-2031F

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Abstracts

United States dental consumables market size was valued at USD 12.05 billion in 2023, and is expected to reach USD 19.92 billion in 2031, with a CAGR of 6.48% for the forecast period between 2023 and 2030. The market is a robust and dynamic segment of the healthcare industry that encompasses a wide range of products essential for dental care and treatment. These consumables include dental implants, crowns, bridges, orthodontic appliances, dental materials, and other products used in dental procedures. The market has experienced significant growth and transformation in recent years, driven by several key factors.

One of the market's primary drivers is the United States's aging population. As individuals age, they tend to require dental care more often. Additionally, rising awareness of the importance of oral health and aesthetics has prompted more people to seek dental treatments, further stimulating the market growth. Advancements in dental

technologies have played a pivotal role in expanding the market. Innovative materials and digital dentistry tools have improved the quality of dental care, making treatments more efficient and less invasive. It, in turn, has boosted the consumption of dental consumables, as dental professionals seek cutting-edge products to enhance their practice. The aesthetic aspect of dentistry, including cosmetic procedures, has been a significant growth driver. The United States dental consumables market is highly competitive, featuring well-established industry leaders and many smaller players. These companies are constantly innovating to meet the evolving needs of dental professionals and patients, resulting in a dynamic and progressive market landscape.

Increasing Geriatric Population

The United States has witnessed a rise in its elderly population, which has become a prominent demographic in dental surgeries and other dental practices, thus propelling the dental consumables market in the country. For instance, the Congressional Budget Office (CBO) projects that, between 2023 and 2053, an average of 73 million people in the United States will be 65 years of age or older. Dental issues such as cavities, root problems, coronal caries, and periodontitis tend to increase with age, making geriatric population a significant driving force behind the dental consumables market in the nation.

Moreover, the escalation of dental diseases among the population is expected to further boost market growth in the foreseeable future. As of April 2022, the update from the National Institutes of Health (NIH), nearly 90% of adults aged 20 to 64 in the United States have experienced tooth decay, and more than 40% of individuals between the ages of 45 and 64 suffer from periodontal (gum) disease, which is associated with nearly 60 other health conditions, including diabetes, heart problems, and Alzheimer's disease.

Technological Advancements

The United States dental consumables market has witnessed significant technological advancements in recent years, enhancing patient care and streamlining dental procedures. Innovations in materials, like the development of high-performance dental ceramics and resin composites, have improved the longevity and aesthetics of dental restorations. Digital dentistry has gained prominence, with the integration of CAD/CAM systems, 3D printing, and intraoral scanners, allowing for precise, efficient, and patient-friendly treatment planning and fabrication of dental prosthetics. Additionally, sterilization and infection control technologies have evolved, ensuring the highest

standards of safety. For example, in October 2022, FlashForge USA, a manufacturer specializing in desktop 3D printers, initiated pre-orders for a new desktop device that holds promising potential for diverse applications in dental manufacturing. Known as Hunter S, the machine is compatible with a wide variety of materials, allowing it to precisely create dental items, such as crowns, bridges, models, surgical guides, and other components, using a broader range of third-party materials, compared to resin-based 3D printers.

Growing Volume of Periodontal Treatments

The United States dental consumables market has witnessed a significant rise in periodontal treatments, reflecting a growing concern for oral health. The upsurge can be attributed to aging population with an increased awareness of dental health, driven by demand for periodontal care. Lifestyle factors, such as poor dietary habits and tobacco use, have contributed to a rise in periodontal diseases. Additionally, advancements in dental technology and treatments have made periodontal procedures more accessible and effective.

As a result, dental consumable manufacturers and practitioners are witnessing a growing market for periodontal treatments, emphasizing the need for innovative and high-quality products to meet the increasing demand while improving patient outcomes. According to Byte, a provider of dental services, gum disease remains a substantial concern in the United States, often left unaddressed. Furthermore, more than 47% of American adults aged 30 and above experience some level of periodontal disease, with approximately 30% of adults displaying moderate gum disease.

Increasing Funding for Research and Development

Government initiatives, private sector investments, and academic institutions have all played an important role in boosting research fundings. These investments aim to improve dental consumables such as dental instruments, materials, and equipment, ultimately leading to better patient care, reduced treatment times, and increased cost-effectiveness. The growing investments in research are expected to drive significant advancements in the United States dental consumables market, benefiting both dental professionals and patients.

In August 2021, the ADA Science & Research Institute at the University of Pennsylvania was awarded a generous USD 2 million grant by the NIH to investigate oral mucosa. In collaboration with the University of Pennsylvania School of Dental Medicine, they delved

into the mechanisms that either bolster or hinder the protective properties of the oral epithelium, particularly in the context of periodontal disease and peri-implantitis.

In February 2022, A-dec provided Medical Team International with a generous grant of USD 75 thousand. The funding enabled medical teams to deploy 45 mobile dental clinics for emergency and restorative treatments across various counties, spanning from the coastal to central regions of Oregon.

Impact of COVID-19

The dental consumables market in the United States was significantly affected by the impact of COVID-19 pandemic. Numerous dental procedures had to be rescheduled or cancelled due to their close contact nature between dentists and patients, which posed a risk of potential virus transmission through dental consumables. Additionally, government authorities issued various guidelines throughout the pandemic, emphasizing the importance of maintaining high hygiene standards in dental clinics. In August 2022, the American Dental Association (ADA) published a revised infection control guide that stressed the necessity of implementing comprehensive infection prevention and controlled measures in dental offices and other treatment settings.

Key Players Landscape and Outlook

A diverse range of prominent companies characterizes the key player landscape in the United States dental consumables market. Major players such as Dentsply Sirona, Henry Schein, and 3M dominate the market with extensive product portfolios and established market presence. These companies are engaged in continuous innovation and strategic partnerships to maintain their competitive edge. The market's competitive nature encourages ongoing advancements in dental materials, equipment, and services to meet the evolving needs of dental professionals and patients.

In March 2023, BIOLASE, the dental laser company, unveiled a fresh e-commerce platform in the United States. This user-friendly website is tailored for both desktop and mobile access, facilitating a streamlined shopping experience. Offering BIOLASE's product range, it empowers dental professionals to explore various collections and select specific items needed for dental practices through enhanced search criteria.

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*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work

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