

# Dental Anesthetics - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

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## Abstracts

The Dental Anesthetics Market size is estimated at USD 1.64 billion in 2024, and is expected to reach USD 2.12 billion by 2029, growing at a CAGR of 5.35% during the forecast period (2024-2029).

The dental anesthetics market encompasses a range of products dentists use to numb patient's mouths during dental procedures. These dental anesthetics come in various forms, such as injections, gels, creams, and sprays. The increasing prevalence of dental trauma and caries and the rising demand for painless dental treatments through advancements in surgical procedures are the major factors expected to drive the market growth over the forecast period.

The high prevalence of dental caries is expected to increase the need for dental treatment and the demand for dental anesthetics. For instance, according to the data published by the Office for Health Improvement & Disparities in October 2023, 23.7% of 5-year-old children experienced tooth decay in England in 2022. In addition, the prevalence of tooth decay varied across the regions, ranging from 19.1% in the South West to 30.6% in North West England. Hence, the high prevalence of tooth decay and dental treatment will likely boost the demand for dental anesthetics, contributing to the market growth over the forecast period.

The recent advancements in the delivery of dental local anesthesia are expected to increase the usage of dental anesthetics due to their easy usage during dental surgeries. For instance, in February 2024, Milestone Scientific Inc. started direct sales of its STA Single Tooth Anesthesia System (STA) with Meridian Endo & Perio. Additionally, in August 2022, Synapse Dental launched a new device, the Dental Pain Eraser, a pen-shaped, electronic dental anesthesia tool. Such advanced anesthetic

delivery systems can decrease the discomfort produced and increase the adoption of dental anesthetics, driving market growth.

Thus, the increasing prevalence of dental caries and dental trauma and technological advancements in dental surgical procedures are poised to accelerate the growth of the dental anesthetics market over the forecast period. However, patient discomfort, risks, and complications associated with the anesthetics are likely to restrain market growth during the forecast period.

### Dental Anesthetics Market Trends

#### The Local Anesthesia Segment is Expected to Witness Significant Growth Over the Forecast Period

Local anesthesia is preferred over general anesthesia due to rare and usually minor side effects and complications. Lidocaine is the gold standard and most widely used local anesthetic in dentistry due to its safety and effectiveness. In addition, regional anesthesia is preferred owing to its lower cost than general anesthesia and the lower requirement for monitoring equipment to maintain vitals and essential body functions. Hence, owing to the advantages offered by local anesthesia, the demand for these products will likely increase among dentists, ultimately driving segmental growth over the forecast period.

More tooth extraction episodes need proper local anesthetics, which are likely to boost the segment's growth over the forecast period. For instance, according to data published by the Office for Health Improvement & Disparities in February 2024, in London, 333 decayed tooth extraction episodes per 100,000 population were reported in 2023, which was significantly high; this trend is estimated to continue. This, in turn, is expected to boost the usage of local anesthetics during treatment, driving the segment's growth over the forecast period.

The greater risk of dental injuries due to general anesthesia is expected to increase the adoption of local anesthetics, thereby boosting segmental growth. For instance, as per the report published by MedPress Dental Sciences in January 2022, orodental injuries were one of the most frequent problems seen during general anesthesia in dentistry, which likely decreased the adoption of general anesthetics and increased the adoption of local anesthetics. Such factors are expected to boost the segment's growth over the forecast period.

## North America is Expected to Hold a Significant Share of the Market During the Forecast Period

North America is expected to hold a significant share of the market owing to its high awareness of oral health, high dental spending, and increasing adoption of anesthesia delivery systems. In addition, the availability of skilled dentists and the increasing geriatric population in the United States are some of the key factors expected to boost the market's growth in the region over the forecast period.

The growing awareness among patients toward safe anesthesia care during dental procedures is expected to increase the usage of dental anesthetics in the region. For instance, in April 2024, the American Association of Nurse Anesthesiology (AANA) reminded the public that early detection was the best prevention of oral health issues. Additionally, it stated that patients needed to be aware of the critical importance of ensuring access to safe dental anesthesia care during oral cancer treatments, including surgery.

The high burden of oral or oropharyngeal cancer increases the need for dental anesthesia during surgery. For instance, according to the American Cancer Society, in the United States, around 58,450 new cases of oral or oropharyngeal cancer are expected to be recorded in 2024, which would increase the need for surgery and demand for dental anesthetics during procedures, thereby propelling the market's growth over the forecast period.

## Dental Anesthetics Industry Overview

The dental anesthetics market is moderately consolidated due to the presence of limited companies operating globally. The competitive landscape includes an analysis of a few international companies that hold significant market shares, including Dentsply Sirona, Septodont, Pierrel SpA, Henry Schein Inc., Hikma Pharmaceuticals PLC, Cetylite Inc., Centrix Inc., HANSAméd Limited, Normon, and Primex Pharmaceuticals.

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