

# **Clear Aligners Market Size, Share & Trends Analysis Report By Age (Adults, Teens), By End-Use (Hospitals, Standalone Practices, Group Practices, Others), By Region, And Segment Forecasts, 2023 - 2030**

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## **Abstracts**

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### **Clear Aligners Market Growth & Trends**

The global clear aligners market size is expected to reach USD 32.3 billion by 2030, according to a new report by Grand View Research, Inc., registering a CAGR of 30.08% over the forecast period. Clear Aligners are invisible and discreet braces developed from thermoformed materials like copolyester or polycarbonate plastic and CAD 3D printing technology, acting as an alternative to traditional braces. According to the FDA, the clear aligner system helps in positioning the teeth through continuous gentle force and is developed to treat mild to moderate malocclusion. According to WHO, malocclusion is the third most prevalent dental disease after dental caries and periodontal disease globally. Malocclusion of the teeth causes the problem of misalignment which can later lead to severe oral health complications like hard and soft tissue trauma. This condition is hereditary and can be passed from one generation to another.

Technological advancements and the growing demand for customized clear aligners are significant factors responsible for market growth. Companies like Align Technology and DynaFlex are constantly bringing newer computer-aided technology to the market. For instance, the launch of iTero which is a digital impression system, by Align Technology is assisting in developing accurate, effective, and customized clear aligners designed in

accordance with the wearer's comfort to treat mild to moderate misalignment conditions. According to an article published in Scielo.com in November 2018, the global prevalence of Class I malocclusions is 74.7%, Class II malocclusions are 19.56% and the rising prevalence of these conditions is assisting in the escalating demand for clear aligners.

The demand for customized clear aligners has witnessed a burgeoning growth, especially among teenagers. For Instance, the FDA-approved, Invisalign clear aligners developed by Align Technology, have been used in the treatment of 10.9 million people as of 2020 and worldwide Invisalign shipments were about 413,700 cases in 2020. To date, over 5 million teenagers have started orthodontic treatment with Invisalign clear aligners. This is because many teenagers prefer avoiding discomfort caused by the metal braces and also try to look esthetically appealing. The above-mentioned factors are cumulatively assisting in the overall robust market growth.

#### Clear Aligners Market Report Highlights

Adult segment by age emerged as the largest consumer segment in 2022, however, teens segment is likely to exhibit a higher growth rate as teenagers are increasingly opting for clear aligners because of their inconspicuous characteristics and comfort

Standalone segment of end-use reciprocated the largest share in 2022 as standalone practitioners are readily adopting clear aligner systems and are equipped with advanced digital technologies

The presence of invisalign made up of polyurethane is the primary factor responsible for segment dominance. Additionally, using polyurethane in a retainer application results in a device that will stay in a patient's mouth for a longer time and hold the teeth in place.

A major portion of distribution and sales of digitally automated clear aligners is through offline channels. The end-users are generally GDs, dental specialists, dental laboratories, orthodontists, and DSOs (dental service organizations)

North America dominated the global market in 2021 owing to the increasing demand for new technologies, a large pool of key players, the rising prevalence of dental disorders, and advanced healthcare infrastructure

Asia Pacific is expected to reciprocate the highest CAGR over the forecast period due to the rising number of dental disorders and procedures

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