

# Dental Alloys Market 2025-2031 Is Set To Experience Revolutionary Growth

*Growth in demand for dental implants, a rise in the geriatric population, and applications in the production of denture bases and partial denture structures.*

WILMINGTON, DE, UNITED STATES, January 14, 2025 /EINPresswire.com/ -- Allied Market Research published a report titled, "[Dental Alloys Market](#) by Alloy Type (Gold-based, Palladium-based, Silver-based, Cobalt-based, Nickel-based, Others), by Application (Dental Restoration, Dental Implants, Partial Dentures and Bridgework, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031."

According to the report, the global dental alloys industry generated \$1.9 billion in 2021 and is anticipated to generate \$3.1 billion by 2031, witnessing a CAGR of 4.9% from 2022 to 2031.



Dental Alloys Market Overview

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## Prime Determinants of Growth

Growth in demand for dental implants, a rise in the geriatric population, and applications in the production of denture bases and partial denture structures drive the growth of the global dental alloys market. However, certain basic alloys used in dentistry applications have high hardness properties, making formulation and finishing of prosthetic parts and restorative materials challenging. Additionally, factors such as porcelain pigmentation and low corrosion resistance complicate casting dental prostheses, potentially hampering market growth. On the contrary, new production technologies present significant opportunities for growth in the coming years.

## Market Segments

## The Gold-based Alloy Segment

- Market Share: The gold-based alloy segment held the highest market share in 2021, accounting for nearly three-fifths of the global dental alloys market.
- Key Features: Gold is flexible and ductile, making it easy to mold into different shapes for dental applications like crowns, bridges, and inlays.
- Outlook: This segment is estimated to maintain its leadership status throughout the forecast period.

## The Nickel-based Alloy Segment

- CAGR: Projected to manifest the highest CAGR of 6.05% from 2022 to 2031.
- Applications: Nickel-based alloys are widely used in prosthodontics applications due to their corrosion inhibition, potentiodynamic polarization, and surface morphology properties.

## The Dental Implants Segment

- Market Share: The dental implants segment accounted for more than two-fifths of the global dental alloys market in 2021.
- CAGR: Expected to portray the highest CAGR of 5.2% from 2022 to 2031.
- Growth Drivers: Growing demand for dental implants and advancements in production technologies to ensure implant longevity.

## Regional Insights

### Europe

- Market Share: Held the highest revenue share in 2021, accounting for around one-third of the global market.
- Drivers: Rise in demand for dental implants.

### Asia-Pacific

- Forecast: Likely to dominate the market by 2031, with the fastest CAGR of 5.4% from 2022 to 2031.

- Key Markets: India's growing dental industry, driven by numerous dental laboratories, institutes, and increased healthcare awareness.

- Additional Factors: Growing demand for dental tourism, further boosting market growth.

### Leading Market Players

- Aalba Dent Inc.

- Argen Corporation

- Aurident Inc.

- 88Dent

- Dentsply Sirona

- Heraeus Holding

- Ivoclar Vivadent

- Jensen Dental

- Kennametal Inc.

- Kerr Corporation

- Kulzer GmbH

- Kuraray Europe GmbH

- Sterngold Dental LLC

- Success Dental Co.

- Yamamoto Precious Metal Co. Ltd

### Conclusion

The report provides a detailed analysis of key players in the global dental alloys market, covering business performance, operating segments, product portfolios, and strategic moves. These insights highlight the competitive landscape and opportunities for growth across different regions and applications.

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Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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