

Dental Alloys Market Size, Share, Study Reveals Growth Factors and Competitive Outlook to 2031

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WILMINGTON, DE, UNITED STATES, August 22, 2025 /EINPresswire.com/ -- According to the report, the global [dental alloys market](#) was valued at \$1.9 billion in 2021 and is expected to reach \$3.1 billion by 2031, registering a CAGR of 4.9% (2022–2031).

Market Drivers & Challenges:-

Key Growth Factors:

- Rising demand for dental implants
- Increasing geriatric population
- Wide use of alloys in denture bases and partial denture structures

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Restraints:

- High hardness of some dental alloys makes formulation and finishing difficult
- Issues such as porcelain pigmentation and low corrosion resistance hinder adoption

Opportunities:

- Advancements in production technologies are expected to unlock new growth avenues

Segment Insights:-



Dental Alloys Market, by Alloy Type

By Alloy Type:

- Gold-based alloys held the largest share in 2021, accounting for nearly 60% of the market, owing to their flexibility, ductility, and suitability for crowns, bridges, and inlays.
- Nickel-based alloys are projected to grow at the fastest CAGR of 6.05%, driven by their corrosion resistance, polarization characteristics, and application in prosthodontics.

By Application:

- Dental implants dominated in 2021 with over 40% share and are expected to maintain leadership through 2031. This segment is also forecasted to register the highest CAGR of 5.2%, supported by rising implant demand and adoption of advanced alloys for implant longevity.

Regional Analysis:

- Europe held the largest revenue share in 2021 (around one-third of the global market) due to strong implant demand.

Asia-Pacific is anticipated to emerge as the fastest-growing market with a CAGR of 5.4% and dominate by 2031, supported by:

- Expanding dental laboratories and institutes
- Growing awareness of oral healthcare
- Rising dental tourism, particularly in India

Key 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

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<https://www.alliedmarketresearch.com/dental-alloys-market/purchase-options>

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