

Global Dental 3D Printing Market Size study, by Technology (Vat Photopolymerization, Polyjet Technology, Fused Deposition Modelling, Selective Laser Sintering, Others), By Application (Orthodontics, Prosthodontics, Implantology), By End Use (Dental Clinics, Dental Laboratories, Academic and Research Institutes), and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/GF7A9B39420AEN.html>

Date: June 2024

Pages: 200

Price: US\$ 3,218.00 (Single User License)

ID: GF7A9B39420AEN

Abstracts

Global Dental 3D Printing Market is valued approximately at USD 2921.2 million in 2023 and is anticipated to grow with a healthy growth rate of more than 21.00% over the forecast period 2024-2032. The introduction of 3D printing in dentistry is transforming the industry, offering significant advantages for both dental professionals and patients. Digitally manufactured prosthetics provide unmatched accuracy and comfort compared to traditional methods. The advancement of innovative products such as invisible aligners, visually appealing restorations, and precise positioning solutions has driven the adoption and demand for dental 3D printers. The user-friendly and straightforward nature of 3D printing procedures has motivated the dental sector to create personalized products that cater to specific dental requirements. These printers enhance output and significantly reduce fabrication time. Additionally, the digitized workflow streamlines processes, minimizes procedural discomfort, and boosts customer satisfaction in the dental sector. The increasing adoption of digital dentistry solutions is a key trend in the Global Dental 3D Printing Market. This approach involves the integration of many digital technologies, including intraoral scanners, CAD/CAM software, and 3D printing systems to improve patient outcomes and optimize dental operations. Digital dentistry has ability to produce dental restorations, implants, and orthodontic devices more precisely and

quickly.

Factors such as rising prevalence of dental caries and other oral diseases, increased speed and accuracy with better clinical workflows and surge in demand for cosmetic dentistry and preventive dental care are the key factors that are primarily attributing to the growth of the global Dental 3D Printing Market. Moreover, there is an increasing demand for personalized and patient-specific dental solutions. Dental 3D printing allows for the customization of dental restorations, aligners and prosthetics to meet individual patient needs, leading to improved treatment outcomes and patient satisfaction. Along with this, advanced applications like implant-supported restorations, surgical guides, and custom splints are becoming increasingly accessible. These advantages, coupled with factors such as the growing prevalence of oral diseases and growing awareness of dental 3D printing, are poised to propel the adoption of this technology in the dental industry. Also, the high growth potential of dental tourism in emerging economies, coupled with the consolidation of dental practices and increased number of dental service organizations are further presenting various growth prospects to the Global Dental 3D Printing Market during the estimated period. However, stringent regulatory requirements for dental 3D printing products, coupled with the high cost of dental 3D printers is expected to stifle Global Dental 3D Printing Market growth between 2022 and 2032.

The key regions considered for the global Dental 3D Printing Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America holds a significant position in the region and is poised for further growth in the anticipated years. The market is experiencing rapid growth due to the high purchasing power of the population, a growing geriatric population, favorable reimbursement policies and robust government backing for high-quality healthcare in the United States and Canada. For example, in the U.S., the Patient Protection and Affordable Care Act (PPACA), commonly known as Obamacare, offers accessible and high-quality health insurance options to citizens. Additionally, cohesive government initiatives that support research and development in healthcare are driving the adoption of dental 3D printing technologies. Whereas, Asia Pacific is poised for rapid growth driven by rising commercial activities by major industry manufacturers and a flourishing dental tourism.

Major market player included in this report are:

3D Systems Corporation

Stratasys Ltd.

Renishaw plc

Roland DG Corporation
SLM Solutions Group AG
EnvisionTec, Inc.
Dentsply Sirona Inc.
Straumann Holding AG
Formlabs Inc.
Prodways Group

The detailed segments and sub-segment of the market are explained below:

By Technology

Vat Photopolymerization
Polyjet Technology
Fused Deposition Modelling
Selective Laser Sintering
Others

By Application

Orthodontics
Prosthodontics
Implantology

By End Use

Dental Clinics
Dental Laboratories
Academic and Research Institutes

By Region:

North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE
Asia Pacific

China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Middle East & Africa
Saudi Arabia
South Africa
RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

Contents

CHAPTER 1. GLOBAL DENTAL 3D PRINTING MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
 - 1.3.1. Inclusion & Exclusion
 - 1.3.2. Limitations
 - 1.3.3. Supply Side Analysis
 - 1.3.3.1. Availability
 - 1.3.3.2. Infrastructure
 - 1.3.3.3. Regulatory Environment
 - 1.3.3.4. Market Competition
 - 1.3.3.5. Economic Viability (Consumer's Perspective)
 - 1.3.4. Demand Side Analysis
 - 1.3.4.1. Regulatory frameworks
 - 1.3.4.2. Technological Advancements
 - 1.3.4.3. Environmental Considerations
 - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Global Dental 3D Printing Market Size & Forecast (2022- 2032)
- 2.2. Regional Summary
- 2.3. Segmental Summary
 - 2.3.1. By Technology
 - 2.3.2. By Application
 - 2.3.3. By End Use
- 2.4. Key Trends
- 2.5. Recession Impact
- 2.6. Analyst Recommendation & Conclusion

CHAPTER 3. GLOBAL DENTAL 3D PRINTING MARKET DYNAMICS

- 3.1. Market Drivers
- 3.2. Market Challenges
- 3.3. Market Opportunities

CHAPTER 4. GLOBAL DENTAL 3D PRINTING MARKET: INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model
 - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
 - 4.2.1. Political
 - 4.2.2. Economic
 - 4.2.3. Social
 - 4.2.4. Technological
 - 4.2.5. Environmental
 - 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL DENTAL 3D PRINTING MARKET SIZE & FORECASTS BY TECHNOLOGY 2022-2032

- 5.1. Vat Photopolymerization
- 5.2. Polyjet Technology
- 5.3. Fused Deposition Modelling
- 5.4. Selective Laser Sintering
- 5.5. Others

CHAPTER 6. GLOBAL DENTAL 3D PRINTING MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

- 6.1. Orthodontics
- 6.2. Prosthodontics
- 6.3. Implantology

CHAPTER 7. GLOBAL DENTAL 3D PRINTING MARKET SIZE & FORECASTS BY END USE 2022-2032

- 7.1. Dental Clinics
- 7.2. Dental Laboratories
- 7.3. Academic and Research Institutes

CHAPTER 8. GLOBAL DENTAL 3D PRINTING MARKET SIZE & FORECASTS BY REGION 2022-2032

- 8.1. North America Dental 3D Printing Market
 - 8.1.1. U.S. Dental 3D Printing Market
 - 8.1.1.1. Technology breakdown size & forecasts, 2022-2032
 - 8.1.1.2. Application breakdown size & forecasts, 2022-2032
 - 8.1.1.3. End Use breakdown size & forecasts, 2022-2032
 - 8.1.2. Canada Dental 3D Printing Market
- 8.2. Europe Dental 3D Printing Market
 - 8.2.1. U.K. Dental 3D Printing Market
 - 8.2.2. Germany Dental 3D Printing Market
 - 8.2.3. France Dental 3D Printing Market
 - 8.2.4. Spain Dental 3D Printing Market
 - 8.2.5. Italy Dental 3D Printing Market
 - 8.2.6. Rest of Europe Dental 3D Printing Market
- 8.3. Asia-Pacific Dental 3D Printing Market
 - 8.3.1. China Dental 3D Printing Market
 - 8.3.2. India Dental 3D Printing Market
 - 8.3.3. Japan Dental 3D Printing Market
 - 8.3.4. Australia Dental 3D Printing Market
 - 8.3.5. South Korea Dental 3D Printing Market
 - 8.3.6. Rest of Asia Pacific Dental 3D Printing Market
- 8.4. Latin America Dental 3D Printing Market
 - 8.4.1. Brazil Dental 3D Printing Market
 - 8.4.2. Mexico Dental 3D Printing Market
 - 8.4.3. Rest of Latin America Dental 3D Printing Market
- 8.5. Middle East & Africa Dental 3D Printing Market

- 8.5.1. Saudi Arabia Dental 3D Printing Market
- 8.5.2. South Africa Dental 3D Printing Market
- 8.5.3. Rest of Middle East & Africa Dental 3D Printing Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. 3D Systems Corporation
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Market Strategies
 - 9.3.2. Stratasys Ltd.
 - 9.3.3. Renishaw plc
 - 9.3.4. Roland DG Corporation
 - 9.3.5. SLM Solutions Group AG
 - 9.3.6. EnvisionTec, Inc.
 - 9.3.7. Dentsply Sirona Inc.
 - 9.3.8. Straumann Holding AG
 - 9.3.9. Formlabs Inc.
 - 9.3.10. Prodways Group

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Dental 3D Printing Market, report scope

TABLE 2. Global Dental 3D Printing Market estimates & forecasts by Region 2022-2032 (USD Million)

TABLE 3. Global Dental 3D Printing Market estimates & forecasts by Technology 2022-2032 (USD Million)

TABLE 4. Global Dental 3D Printing Market estimates & forecasts by Application 2022-2032 (USD Million)

TABLE 5. Global Dental 3D Printing Market estimates & forecasts by End Use 2022-2032 (USD Million)

TABLE 6. Global Dental 3D Printing Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 7. Global Dental 3D Printing Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. Global Dental 3D Printing Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. Global Dental 3D Printing Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. Global Dental 3D Printing Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 11. Global Dental 3D Printing Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 12. Global Dental 3D Printing Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 13. Global Dental 3D Printing Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 14. Global Dental 3D Printing Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 15. Global Dental 3D Printing Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 16. U.S. Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 17. U.S. Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 18. U.S. Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 19. Canada Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 20. Canada Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 21. Canada Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 22. UK Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 23. UK Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 24. UK Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 25. Germany Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 26. Germany Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 27. Germany Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 28. France Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 29. France Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 30. France Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 31. Italy Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 32. Italy Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 33. Italy Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 34. Spain Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 35. Spain Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 36. Spain Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 37. RoE Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 38. RoE Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 39. RoE Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 40. China Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 41. China Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 42. China Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 43. India Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 44. India Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 45. India Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 46. Japan Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 47. Japan Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 48. Japan Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 49. Australia Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 50. Australia Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 51. Australia Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 52. South Korea Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 53. South Korea Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 54. South Korea Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 55.

TABLE 56. RoAPAC Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 57. RoAPAC Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 58. RoAPAC Dental 3D Printing Market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 59. Brazil Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 60. Brazil Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 61. Brazil Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 62. Mexico Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 63. Mexico Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 64. Mexico Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 65. RoLA Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 66. RoLA Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 67. RoLA Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 68. Saudi Arabia Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 69. Saudi Arabia Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 70. Saudi Arabia Dental 3D Printing Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 71. South Africa Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 72.

TABLE 73. South Africa Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 74. South Africa Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 75. RoMEA Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 76. RoMEA Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 77. RoMEA Dental 3D Printing Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 78. List of secondary sources, used in the study of Global Dental 3D Printing

Market.

TABLE 79. List of primary sources, used in the study of Global Dental 3D Printing Market.

TABLE 80. Years considered for the study.

TABLE 81. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Dental 3D Printing Market, research methodology
- FIG 2. Global Dental 3D Printing Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Dental 3D Printing Market, key trends 2023
- FIG 5. Global Dental 3D Printing Market, growth prospects 2022-2032
- FIG 6. Global Dental 3D Printing Market, porters 5 force model
- FIG 7. Global Dental 3D Printing Market, pestel analysis
- FIG 8. Global Dental 3D Printing Market, value chain analysis
- FIG 9. Global Dental 3D Printing Market by segment, 2022 & 2032 (USD Million)
- FIG 10. Global Dental 3D Printing Market by segment, 2022 & 2032 (USD Million)
- FIG 11. Global Dental 3D Printing Market by segment, 2022 & 2032 (USD Million)
- FIG 12. Global Dental 3D Printing Market by segment, 2022 & 2032 (USD Million)
- FIG 13. Global Dental 3D Printing Market by segment, 2022 & 2032 (USD Million)
- FIG 14. Global Dental 3D Printing Market, regional snapshot 2022 & 2032
- FIG 15. North America Dental 3D Printing Market 2022 & 2032 (USD Million)
- FIG 16. Europe Dental 3D Printing Market 2022 & 2032 (USD Million)
- FIG 17. Asia pacific Dental 3D Printing Market 2022 & 2032 (USD Million)
- FIG 18. Latin America Dental 3D Printing Market 2022 & 2032 (USD Million)
- FIG 19. Middle East & Africa Dental 3D Printing Market 2022 & 2032 (USD Million)
- FIG 20. Global Dental 3D Printing Market, company market share analysis (2023)

I would like to order

Product name: Global Dental 3D Printing Market Size study, by Technology (Vat Photopolymerization, Polyjet Technology, Fused Deposition Modelling, Selective Laser Sintering, Others), By Application (Orthodontics, Prosthodontics, Implantology), By End Use (Dental Clinics, Dental Laboratories, Academic and Research Institutes), and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/GF7A9B39420AEN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF7A9B39420AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970