

# **Healthcare Additive Manufacturing Market Size, Trends, Analysis, and Outlook By Technology (Stereolithography, Deposition Modeling, Electron Beam Melting, Laser Sintering, Jetting Technology, Laminated Object Manufacturing, Others), By Application (Medical Implants, Prosthetics, Wearable Devices, Tissue Engineering, Dental, Others), By Material (Metals and Alloys, Polymers), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Healthcare Additive Manufacturing market size is poised to register 18.26% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Healthcare Additive Manufacturing market across By Technology (Stereolithography, Deposition Modeling, Electron Beam Melting, Laser Sintering, Jetting Technology, Laminated Object Manufacturing, Others), By Application (Medical Implants, Prosthetics, Wearable Devices, Tissue Engineering, Dental, Others), By Material (Metals and Alloys, Polymers).

The healthcare additive manufacturing market is experiencing notable growth propelled by the increasing demand for customized medical devices, rising adoption of 3D printing technologies, and advancements in materials science and biofabrication. In 2024 and beyond, factors such as the growing applications in patient-specific implants, prosthetics and orthotics, and anatomical models for surgical planning, and rising investments in medical 3D printing research are driving market expansion. Additionally, the development of biocompatible and sterilizable materials, integration of CAD/CAM

software for design optimization, and regulatory approvals for 3D printed medical devices contribute to market growth.

## Healthcare Additive Manufacturing Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Healthcare Additive Manufacturing market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Healthcare Additive Manufacturing survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Healthcare Additive Manufacturing industry.

## Key market trends defining the global Healthcare Additive Manufacturing demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## Healthcare Additive Manufacturing Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Healthcare Additive Manufacturing industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Healthcare Additive Manufacturing companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Healthcare Additive Manufacturing industry

Leading Healthcare Additive Manufacturing companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments

and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Healthcare Additive Manufacturing companies.

### Healthcare Additive Manufacturing Market Study- Strategic Analysis Review

The Healthcare Additive Manufacturing market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### Healthcare Additive Manufacturing Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Healthcare Additive Manufacturing industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

### Healthcare Additive Manufacturing Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

## North America Healthcare Additive Manufacturing Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Healthcare Additive Manufacturing market segments. Similarly, Strong end-user demand is encouraging Canadian Healthcare Additive Manufacturing companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Healthcare Additive Manufacturing market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

## Europe Healthcare Additive Manufacturing Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Healthcare Additive Manufacturing industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Healthcare Additive Manufacturing market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

## Asia Pacific Healthcare Additive Manufacturing Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Healthcare Additive Manufacturing in Asia Pacific. In particular, China, India, and South East Asian Healthcare Additive Manufacturing markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning

their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Healthcare Additive Manufacturing Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Healthcare Additive Manufacturing Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Healthcare Additive Manufacturing market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Healthcare Additive Manufacturing.

Healthcare Additive Manufacturing Market Company Profiles

The global Healthcare Additive Manufacturing market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are 3D Systems Inc, 3T Additive Manufacturing Ltd, Allevi Inc, EnvisionTEC, EOS GmbH, Fathom Manufacturing, General Electric, GPI Prototype and Manufacturing Services Llc, Materialise N.V., Nanoscribe GmbH, RegenHU, Stratasys Ltd

Recent Healthcare Additive Manufacturing Market Developments

The global Healthcare Additive Manufacturing market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Healthcare Additive Manufacturing Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

### Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

### Market Segmentation:

By Technology

Stereolithography

Deposition Modeling

Electron Beam Melting

Laser Sintering

Jetting Technology

Laminated Object Manufacturing

Others

By Application

Medical Implants

Prosthetics

Wearable Devices

Tissue Engineering

Dental

Others

By Material

Metals and Alloys

-Steel

-Titanium

-Others

Polymers

-Nylon

-Glass-filled Polyamide

-Epoxy Resins

-Photopolymers

-Plastics

-Biological Cells

-Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

3D Systems Inc

3T Additive Manufacturing Ltd

Allevi Inc

EnvisionTEC

EOS GmbH

Fathom Manufacturing

General Electric

GPI Prototype and Manufacturing Services Llc

Materialise N.V.



Nanoscribe GmbH

RegenHU

Stratasys Ltd

Formats Available: Excel, PDF, and PPT

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Jetting Technology  
Laminated Object Manufacturing  
Others  
By Application  
Medical Implants  
Prosthetics  
Wearable Devices  
Tissue Engineering  
Dental  
Others  
By Material  
Metals and Alloys  
-Steel  
-Titanium  
-Others  
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### **3D SYSTEMS INC**

### **3T ADDITIVE MANUFACTURING LTD**

Allevi Inc  
EnvisionTEC  
EOS GmbH  
Fathom Manufacturing  
General Electric  
GPI Prototype and Manufacturing Services Llc  
Materialise N.V.  
Nanoscribe GmbH  
RegenHU  
Stratasys Ltd

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