

3D Printing in Healthcare Market Size is Likely to Reach a Valuation of Around \$5.8 Billion by 2030

3D printing in healthcare market is projected to reach \$5,846.74 million by 2030, registering a CAGR of 20.10% from 2021 to 2030.

PORTLAND, OREGON, UNITED STATES, March 10, 2023 /EINPresswire.com/ -- The 3D printing technology has been rapidly gaining popularity in various industries, including healthcare. 3D printing, also known as additive manufacturing, involves the creation of three-dimensional objects by layering materials on top of each other. In

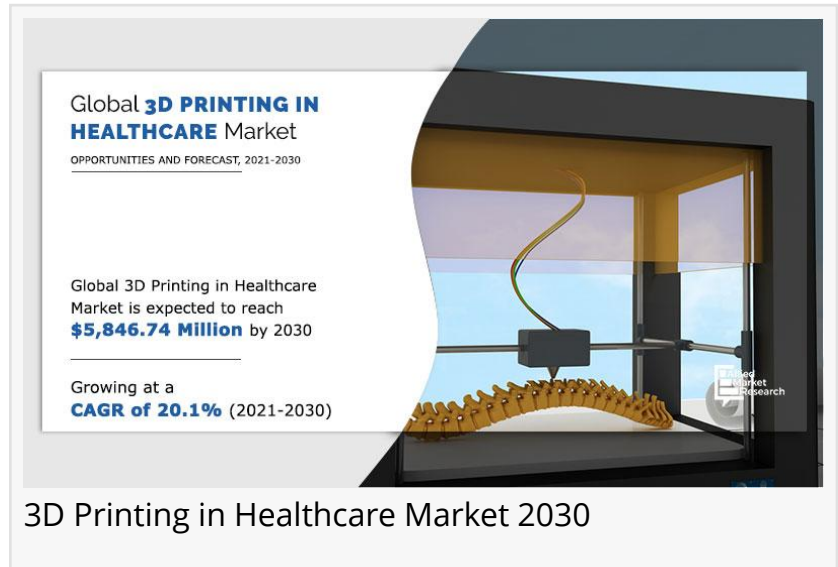
healthcare, 3D printing has enabled the creation of medical devices, prosthetics, implants, and even human organs. [3D printing in healthcare market](#) size was valued at \$1,036.58 million in 2020, and is projected to reach \$5,846.74 million by 2030, registering a CAGR of 20.10% from 2021 to 2030. The growth in the market is attributed to the increasing demand for personalized healthcare solutions and the adoption of 3D printing in research activities.

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This report provides comprehensive competitive analysis and profiles of prominent market players such as 3D Systems Corporation, Exone, Formlabs, GE, Materialise NV, Oxford Performance Materials, Inc., Organovo Holdings, Inc., Proto Labs, SLM Solutions Group AG, and Stratasys Ltd.

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The market is segmented based on the product type, technology, application, and end-user. The product type segment includes surgical guides, implants, prosthetics, hearing aids, dental restorations, tissue engineering, and others. The technology segment includes electron beam melting, laser beam melting, photopolymerization, droplet deposition, and others. The application segment includes orthopedics, cranio-maxillofacial, dental, and others. The end-user



segment includes hospitals, clinics, and research institutes.

North America dominates the market due to the presence of major market players, favorable government initiatives, and the availability of advanced healthcare infrastructure. Europe is also a significant market due to the high adoption of 3D printing in medical applications. The Asia Pacific region is expected to witness significant growth due to the increasing demand for personalized healthcare solutions and the growing healthcare infrastructure in countries like China and India.

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North America was the highest revenue contributor in 2020 due to widespread adoption of 3D printing technology and numerous collaborations between academic and commercial organizations. Furthermore, the region is anticipated to continue to dominate the global 3D printing in healthcare market during the forecast period, owing to technological innovations pertaining to 3D printing, increase in funding for advancement in 3D printers for healthcare, and upsurge in patient pool. In addition, the increase in number of end users has fueled the adoption rate of this technology. However, the Asia-Pacific region is expected to register the highest growth rate during the forecast period. This is attributed to funding received by various start-up companies to introduce advanced 3D printers, escalated demand for advanced medical facilities, and increased healthcare expenditure.

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By component type, the system segment held the largest market share in 2020 and is expected to remain dominant during the forecast period.

By technology, the droplet deposition segment held the largest market share in 2020 and is expected to remain dominant during the forecast period.

By application, the external wearable devices segment held the largest 3D printing in healthcare market share in 2020 and is expected to remain dominant during the forecast period.

By end user, the medical & surgical centers segment held the largest 3D printing in healthcare market share in 2020 and is expected to remain dominant during the forecast period.

By region, North America is expected to experience 3D printing in healthcare market growth at the highest rate, registering a CAGR of 19.40% during the forecast period.

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- Which are the driving factors responsible for the growth of market?
- Which are the roadblock factors of this market?
- What are the new opportunities, by which market will grow in coming years?
- What are the trends of this market?
- Which are main factors responsible for new product launch?
- How big is the global & regional market in terms of revenue, sales and production?
- How far will the market grow in forecast period in terms of revenue, sales and production?
- Which region is dominating the global market and what are the market shares of each region in the overall market in 2022?
- How will each segment grow over the forecast period and how much revenue will these segments account for in 2030?
- Which region has more opportunities?

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David Correa
Allied Analytics LLP
+1-800-792-5285
[email us here](#)

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