

# 3D Printing Market Outlook - Global Trends, Forecast, and Opportunity Assessment (2014-2022)

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# **Abstracts**

The Global 3D Printing market accounted for \$2.89 billion in 2014 and is expected to reach \$12.53 billion by 2022 growing at a Compound Annual Growth Rate (CAGR) of 20.1% during the forecast period 2014 to 2022. The factors driving the market include high degree of precision, ability to build customized products, and competency over traditional techniques, etc. However, higher production cost, expensive 3D printing software, shortage of skilled labor and inability to manufacture massive outputs are inhibiting the market growth. Moreover, application of 3D printing in different industries and manufacturing process are creating opportunities for the market. The economies of scale gained due to advancement in technology and enhanced manufacturing process will boost the market in future.

Stereolithography has the largest revenue and accounted for more than 30% of the total market. While, Electron beam melting is anticipated to be the fastest growing technology segment with a CAGR of around 30% during the forecast period. Polymer occupies major share of the global market and Metals segment is estimated to be the fastest growing material segment and is expected to grow at a CAGR of more than 38% during the forecast period. Consumer products segment remains the largest application segment with more than 20% of the market share, whereas healthcare application segment is estimated to grow at the highest CAGR over the forecast period.

Increasing demand for 3D printing technology, broad adoption of this technology across the education and government sectors, favorable regulatory policies from the government boosts the 3D printing materials market in the future. The US dominates the market in terms of revenue generation, the growth is due to the advances in healthcare, automobile, aerospace, consumer industry and the initiative taken by the government to develop the technology. North America is expected to represent more



than 35% of the market share in 2014, while Asia Pacific is the fastest growing market led by the rapid adoption of 3D printing in the developing industrial sectors. Demand for 3D printing is anticipated to increase in countries such as Japan, China, and South Korea owing to the rising adoption and implementation of 3D printing in diverse industrial applications.

The key players in the 3D Printing market include 3D Systems, Stratasys, Envisiontec, Exone, Luxexcel, Materialise NV, MCOR Technologies Ltd, Optomec Inc, Voxeljet AG, and Microtec Gesellschaft Fur Mikrotechnologie MBH.

Technologies Covered:

Stereolithography

**Electron Beam Melting** 

Jetting Technology
Binder-Jetting Technology

Polyjet

Laser Sintering

Direct Metal Laser Sintering (DMLS)

Selective Laser Sintering (SLS)

Deposition Modelling
Wax Deposition Modelling

Fused Deposition Modelling (FDM)

Laminated Object Manufacturing

Three Dimensional Printing

Others



	Digital Light Processing		
	Multiphase Jet Solidification (MJS)		
Material Type of 3D Printing Covered:			
Polymo	ers Photopolymer		
	Thermoplastic		
Metals			
	Alumide		
	Gold		
	Graphene		
	Silver		
	Steel		
	Titanium		
Ceram	ioo		
Ceram	Glass		
	Quartz		
	Silica		
	Others		

Other Materials



Clay		
Edible Mate	erials	
Laywood		
Paper		
Porcelain		
Wax		
Applications Covered:		
Aerospace	Aerospace	
Automotive	Automotive	
Consumer Product	Consumer Products	
Education and Res	Education and Research	
Government and D	Government and Defense	
Healthcare		
Industrial Products		
Others Architecture	e	
Arts		
Forensics		



# Regions Covered: North America US Canada Europe Germany France Italy UK Spain Asia Pacific Japan China India Australia New Zealand Rest of Asia Rest of the World

Latin America

Middle East



Africa

Others

## What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 8 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements



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