

# Next-Generation Sequencing Market Industry Analysis, Key Companies, Future Trends, Forecast and Report by 2027

*Next-Generation Sequencing Market Size - USD 9.67 billion in 2019, NGS Market Growth - CAGR of 10.9%*

VANCOUVER, BC, CANADA, May 12, 2022 /EINPresswire.com/ -- The global [Next-Generation Sequencing Market](#) is expected to reach USD 23.59 Billion by 2027, according to a new report by Emergen Research The latest industry intelligence report on the Next-Generation Sequencing Market performs a cautious examination of the current business environment and competitive landscape of the Next-Generation Sequencing Market for the forecast period, 2020 - 2027. Importantly, the study not only helps spot the major vendors but also their winning strategies. The real-time data accumulated through qualitative and quantitative research technique further help business owners determine where they stand in comparison to their region, country, and product category.



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Increasing evolution and decline in costs of NGS platforms and the development of the NGS diagnostic test regulatory and reimbursement scenarios are driving the demand for the market.”

*Emergen Research*

NGS is a process for determining sequence of nucleotides in a section of DNA or cDNA molecule. NGS is also know has high-throughput sequencing that allows DNA or RNA sequencing more quickly and efficiently than previously used Sanger sequencing. Rising prevalence of chronic medical conditions and diseases such as cancer and genetic disorders and technological advancements in genomics and medical sciences are other key factors boosting growth of the next-generation sequencing market.

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The benefits of high-performance sequencing compared to other generations, such as the sanger-seq and microarrays, are one of the main drivers of the Next Generation Sequencing (NGS) industry. Therefore, it is expected that the increased availability of low input DNA sampling methods would speed up the use of next-generation sequence across various clinical and research applications.

List of Top Key Companies Profiled in the Next-Generation Sequencing Market Deere & Company, Topcon Positioning Systems, Trimble, Inc., DeLaval, Antelliq, Heliospectra, Afimilk Ltd., InnovaSea Systems, AKVA group, and Nexus Corporation, among others.

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The oncology application for next-generation sequencing was estimated with the biggest share of revenues on the market. This can be because the technology has largely been used to decipher the connection between cancer and genetics.

Due to its distinct advantages over the genome segment in terms of coverage scope and multiplexing capabilities, the targeted sequencing in the technology segment dominated the revenue share.

Academic research held the largest market share of 53.9% in the year 2019, and these organizations are the key end-users for revenue generation because of the high penetration of research activities through seq-technology. This technology, on the other hand, is continuously growing in clinical and clinical research.

The emergence of an integrated platform based in the USA has accounted for North America's highest revenue share. Asia-Pacific is projected to expand fastest as domestics in China are growing, along with molecular diagnostics. Asia-Pacific is anticipated to register a CAGR of 11.5% during the forecast period.

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The report highlights the latest trends observed in the consumption pattern of each regional segment.

Extensive market segmentation included in the report helps better understand the revenue and estimated growth of the individual regions.

The report throws light on the historical and current market scenarios and provides a concise year-on-year growth rate of the Next-Generation Sequencing Market .

The report further entails the current market trends, technological advancements, revenue growth, and other aspects affecting market growth.

Emergen Research | Industry Report | Next Generation Sequencing Market | @

<https://www.emergenresearch.com/industry-report/next-generation-sequencing-market>

The report is updated with the latest economic scenario and market scope with regard to the ongoing COVID-19 pandemic. The report covers growth prospects as well as current and futuristic revenue estimations in a post COVID scenario. The report also covers changing trends and market dynamics due to the pandemic and provides an accurate impact analysis of the crisis on the overall market.

Emergen Research has segmented the global Next Generation Sequencing Market on the basis of technology, workflow, application, end-use, and region:

Technology Outlook (Revenue, USD Billion; 2017-2027)

Whole Genome Sequencing

Whole Exome Sequencing

Targeted Sequencing & Resequencing

Workflow Outlook (Revenue, USD Billion; 2017-2027)

Pre-sequencing

Sequencing

NGS Data Analysis

Application Outlook (Revenue, USD Billion; 2017-2027)

Clinical Investigation

Oncology

Reproductive Health

HLA Typing/Immune System Monitoring

Metagenomics, Epidemiology & Drug Development

Agrigenomics & Forensics

Consumer Genomics

End-Use Outlook (Revenue, USD Billion; 2017-2027)

Academic Research

Clinical Research

Hospitals & Clinics

Pharma & Biotech Entities

Others

Global Market Outlook (Revenue, USD Billion; 2017-2027):

North America

Europe

Asia Pacific

Latin America

Middle East & Africa

Global Market Outlook (Revenue, USD Billion; 2017-2027) @ <https://www.emergenresearch.com/select-license/8>

Global Market Outlook (Revenue, USD Billion; 2017-2027):

What is the global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) sales value, production value, consumption value, import and export of Next-Generation Sequencing Market ?

Who are the global key manufacturers of the Next-Generation Sequencing Market ? How is their operating situation (capacity, production, sales, price, cost, gross, and revenue)?

What are the Next-Generation Sequencing Market opportunities and threats faced by the vendors in the global Next-Generation Sequencing Market ?

Which application/end-user or product type may seek incremental growth prospects? What is the market share of each type and application?

Global Market Outlook (Revenue, USD Billion; 2017-2027):

Advanced Wound Care Market @ <https://www.emergenresearch.com/industry-report/advanced-wound-care-market>

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