

Bioinformatics Services - Global Market Outlook (2017-2026)

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Abstracts

According to Stratistics MRC, the Global Bioinformatics Services Market is accounted for \$1.30 billion in 2017 and is expected to reach \$5.67 billion by 2026 growing at a CAGR of 17.8% during the forecast period. Factors such as rising public-private sector funding for bioinformatics services, increasing applications of bioinformatics in different industries and the lack of skilled bioinformatics professionals leading to increased outsourcing of bioinformatics tasks are collectively expected to propel the market growth. However, complexity of data and lack of well-defined standards for bioinformatics analysis are anticipated to hinder the growth of the market. Increasing focus on outsourcing for the management of large volumes of data is providing ample of opportunities for the market growth.

Bioinformatics Services combines computer science, statistics and life sciences together, to develop algorithms and professional software tools for mining and interpreting the tremendous biological data, generated in recent booming high throughput. With the development of genomics, transcriptomics, proteomics and metabolomics, the bioinformatics has become more and more important and get even widely application in data mining.

Based on specialty, medical biotechnology section is anticipated to command the steady share of the bioinformatics services market. The maximum share of this section can be attributed to the expansion of new databases for drug discovery, the use of bioinformatics for medical diagnostics, and increasing funding for the development of bioinformatics solutions for medicinal diagnostics.

Depending on end user, academic institutes & research centres section is projected to observer the significant growth. Growing scale of genomics research, rising number of



collaborations between academic research institutes and players, increasing number of government funding programs for genomics research and the rising focus of market players on providing efficient bioinformatics services that suit the needs of researchers are some of the main factors for the growth of this sector.

By geography, Asia Pacific is approximated to be the dominate market owing to rising incidence of target diseases, growing awareness about the clinical applications of bioinformatics and its advantages over conventional methods and increasing genomic and drug discovery research activities are driving the growth of this region.

Some of the key players profiled in the Bioinformatics Services market include Source Bioscience, Qiagen Bioinformatics, Perkinelmer, Neogenomics, Microsynth, Medgenome Labs, Macrogen, Life Technologies Corporation, Illumina, IBM Life sciences, GVK Biosciences, Genewiz, Geneva bioinformatics, FIOS Genomics, Eurofins Scientific, DNAnexus Inc., CD Genomics, BGI, Baseclear and Thermo Fisher Scientific.

Specialties Covered:

Forensic Biotechnology

Environmental Biotechnology

Animal Biotechnology

Plant Biotechnology

Medical Biotechnology

Type of Services Covered:

Data Analysis

Drug Discovery Services

Differential Gene Expression Analysis

Database and Management Services



Sequencing Services

Next Generation Sequencing (NGS)		
Microarray data analysis		
Scientific software testing		
Biological data curation		
Clinical trial data management		
Docking		
Other Type of Services		
Applications Covered:		
Transcriptomics		
Proteomics		
Metabolomics		
Genomics		
Chemoinformatics and Drug Design		
Other Applications		
End Users Covered:		
Pharmaceutical & Biotechnology Companies		
Hospitals & Clinics		



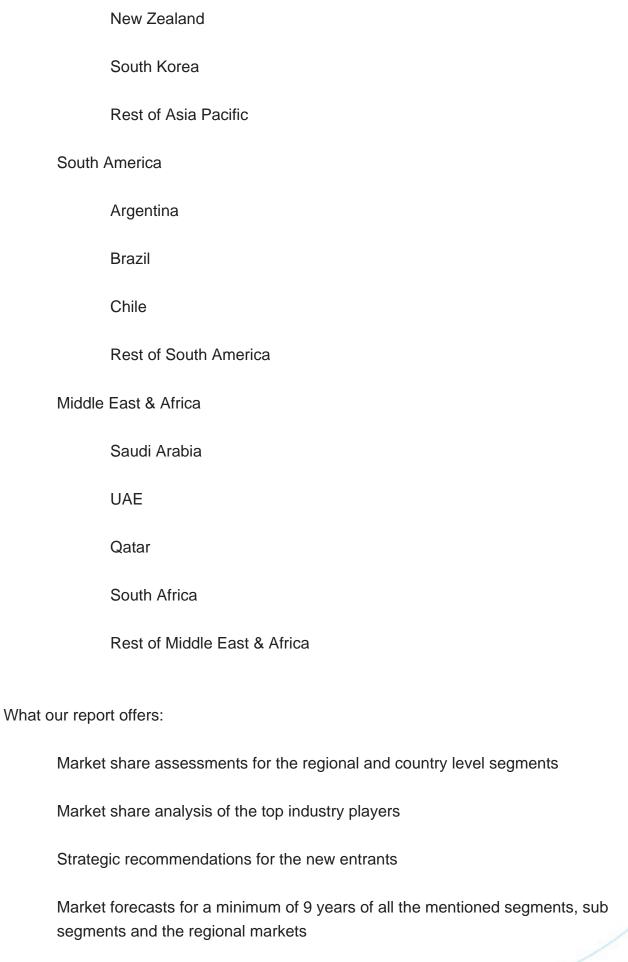
Academic Institutes & Research Centres

Other End Users

Other End Users			
Regions Covered:			
North America			
US			
Canada			
Mexico			
Europe			
Germany			
UK			
Italy			
France			
Spain			
Rest of Europe			
Asia Pacific			
Japan			
China			
India			

Australia







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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