

Laboratory Informatics Market Size, Trends, Analysis, and Outlook By Product (Laboratory Information Management Systems (LIMS), Electronic Lab Notebooks (ELN), Scientific Data Management Systems (SDMS), Laboratory Execution Systems (LES), Electronic Data Capture (EDC) & Clinical Data Management Systems (CDMS), Chromatography Data Systems (CDS), Enterprise Content Management (ECM)), By Delivery Mode (On-premise, Web-hosted, Cloud-based), By Component (Software, Services), By End-user (Life Sciences, CROs, Chemical Industry, Food & Beverage And Agriculture Industries, Environmental Testing Laboratories, Petrochemical Refineries And Oil & Gas Industry, Others), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global Laboratory Informatics market size is poised to register 9.48% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Laboratory Informatics market across By Product (Laboratory Information Management Systems (LIMS), Electronic Lab Notebooks (ELN), Scientific Data Management Systems (SDMS), Laboratory Execution Systems (LES), Electronic Data Capture (EDC) & Clinical Data Management Systems (CDMS), Chromatography Data Systems (CDS), Enterprise Content Management

(ECM)), By Delivery Mode (On-premise, Web-hosted, Cloud-based), By Component (Software, Services), By End-user (Life Sciences, CROs, Chemical Industry, Food & Beverage And Agriculture Industries, Environmental Testing Laboratories, Petrochemical Refineries And Oil & Gas Industry, Others).

The Laboratory Informatics market is experiencing robust growth due to the increasing demand for integrated informatics solutions, rising adoption of laboratory automation, and advancements in data analytics and artificial intelligence (AI) technologies. Laboratory informatics involves the use of software and hardware solutions to manage and analyze scientific data generated in laboratory settings, enhancing workflow efficiency, data integrity, and compliance with regulatory standards. Factors such as the growing volume and complexity of laboratory data, the need for real-time access to information, and the expanding regulatory requirements for data management and reporting are driving the adoption of laboratory informatics solutions. Additionally, advancements in cloud computing, big data analytics, and machine learning algorithms, along with the development of interoperable informatics platforms and integrated laboratory information management systems (LIMS), are shaping the landscape of the laboratory informatics market. Moreover, the increasing adoption of electronic laboratory notebooks (ELNs), laboratory information systems (LIS), and laboratory automation solutions, the growing emphasis on data security and privacy, and the expanding use of informatics tools in drug discovery, clinical research, and precision medicine initiatives are driving market growth. Furthermore, efforts to enhance user interface and data visualization capabilities, improve interoperability and data exchange standards, and integrate informatics solutions with laboratory instruments and enterprise systems are expected to further accelerate market expansion in the coming years.

Laboratory Informatics 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 Laboratory Informatics market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Laboratory Informatics 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 Laboratory Informatics industry.

Key market trends defining the global Laboratory Informatics 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.

Laboratory Informatics Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Laboratory Informatics 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 Laboratory Informatics companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Laboratory Informatics industry

Leading Laboratory Informatics 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 Laboratory Informatics companies.

Laboratory Informatics Market Study- Strategic Analysis Review

The Laboratory Informatics 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.

Laboratory Informatics Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Laboratory Informatics 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.

Laboratory Informatics 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 Laboratory Informatics 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 Laboratory Informatics market segments. Similarly, Strong end-user demand is encouraging Canadian Laboratory Informatics companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Laboratory Informatics market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Laboratory Informatics Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Laboratory Informatics 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 Laboratory Informatics 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 Laboratory Informatics 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 Laboratory Informatics in Asia Pacific. In particular, China, India, and South East Asian Laboratory Informatics 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 Laboratory Informatics 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 Laboratory Informatics 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 Laboratory Informatics market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Laboratory Informatics.

Laboratory Informatics Market Company Profiles

The global Laboratory Informatics 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 Abbott Informatics, Agilent Technologies, ID Business Solutions Ltd., LabLynx, Inc., LabVantage Solutions, Inc., LabWare, McKesson Corporation, PerkinElmer, Inc., Thermo Fisher Scientific, Inc., Waters Corporation

Recent Laboratory Informatics Market Developments

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

Laboratory Informatics 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 Product

Laboratory Information Management Systems (LIMS)

Electronic Lab Notebooks (ELN)

Scientific Data Management Systems (SDMS)

Laboratory Execution Systems (LES)

Electronic Data Capture (EDC) & Clinical Data Management Systems (CDMS)

Chromatography Data Systems (CDS)

Enterprise Content Management (ECM)

By Delivery Mode

On-premise

Web-hosted

Cloud-based

By Component

Software

Services

By End-user

Life Sciences

-Pharmaceutical and Biotechnology Companies

-Biobanks/Biorepositories

-Contract Services Organizations

-Molecular Diagnostics & Clinical Research Laboratories

-Academic Research Institutes

CROs

Chemical Industry

Food & Beverage And Agriculture Industries

Environmental Testing Laboratories

Petrochemical Refineries And Oil & Gas Industry

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Abbott Informatics

Agilent Technologies

ID Business Solutions Ltd.

LabLynx, Inc.

LabVantage Solutions, Inc.

LabWare

McKesson Corporation

PerkinElmer, Inc.

Thermo Fisher Scientific, Inc.

Waters Corporation

Formats Available: Excel, PDF, and PPT

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Scientific Data Management Systems (SDMS)

Laboratory Execution Systems (LES)

Electronic Data Capture (EDC) & Clinical Data Management Systems (CDMS)

Chromatography Data Systems (CDS)

Enterprise Content Management (ECM)

By Delivery Mode

On-premise

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By Component

Software

Services

By End-user

Life Sciences

-Pharmaceutical and Biotechnology Companies

-Biobanks/Biorepositories

-Contract Services Organizations

-Molecular Diagnostics & Clinical Research Laboratories

-Academic Research Institutes

CROs

Chemical Industry

Food & Beverage And Agriculture Industries

Environmental Testing Laboratories

Petrochemical Refineries And Oil & Gas Industry

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