

Point-of-Care (POC) Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Point-of-Care (POC) Trends and Forecast

The future of the global point-of-care (POC) market looks promising with opportunities in the hospital, diagnostic center, research laboratory, and home-care setting markets. The global point-of-care (POC) market is expected to reach an estimated \$70.0 billion by 2030 with a CAGR of 10.3% from 2024 to 2030. The major drivers for this market are augmenting demand for early diagnosis and treatment of diseases, expanding adoption of telehealth and remote healthcare delivery, and growing demand for affordable and user-friendly point of care testing devices.

Lucintel forecasts that blood glucose testing is expected to witness highest growth over the forecast period due to its features, such as convenience, easy to use, and can be performed at home or in a healthcare setting.

North America is expected to witness highest growth over the forecast period.

Emerging Trends in the Point-of-Care (POC) Market

The point-of-care market is characterized by emerging trends that are changing the diagnostics and healthcare solutions landscapes. These changes represent evolving technology, shifting consumer expectations, and changing healthcare systems' needs across the globe.

Integration of AI and Machine Learning: More integration of AI and machine learning into point-of-care devices will improve diagnosis accuracy and predictive capabilities. It allows data analytics in real time, while personalized treatment recommendations improve patient outcomes and operational efficiency.

Rise of Telemedicine and Remote Monitoring: All these will, in turn, be enabled and therefore drive growth in point-of-care applications: telemedicine and remote monitoring solutions. These enable remote consultations, continuous health monitoring, and enhance access to care, especially in underserved areas.

Wearable Health Device Development: The growing development of wearable health devices constitutes another important trend in the point-of-care market. These wearables monitor health in real time, track vital signs, and provide actionable insights in support of active health management and personalized care.

Focus on Rapid Diagnostic Testing: More and more, the focus is being laid on rapid diagnostic testing at the point of care. Innovations in testing technology are reducing the time of turnaround and increasing the accuracy of results, an important factor for timely decision-making and effective treatment.

Increased Connectivity and Integration of Data: Improved connectivity and integration of data are transforming point-of-care solutions. Advanced connectivity enables seamless connectivity of the device to EHRs and other healthcare information systems for full enablement of data sharing to achieve effective care coordination.

Emerging trends for the integration of AI, telemedicine, wearable devices, rapid testing, and enhanced connectivity are some of the driving factors that reach the point-of-care market. These emerging trends are the backbone of innovation, improvement in diagnostic accuracy, and expansion of healthcare services.

Recent Developments in the Point-of-Care (POC) Market

The point-of-care market has exhibited numerous developments within recent years in terms of technology, range of applications, and demands for diagnostic solution approaches that can be used instantly. These changes signify that there is still

considerable dynamism attached to the betterment of health care and accessibility to it.

Advances within Portable Diagnostic Devices: Recent development within portable diagnostic machinery is expanding the capabilities of point-of-care testing. Innovations are coming in the form of small, high-precision devices that work to give fast and accurate results of a condition, thus enhancing diagnosis and patient care on-site.

Increased Growth of Integrated Telemedicine Services: Integration of telemedicine services with point-of-care solutions extends healthcare services. New platforms and technologies enable virtual consultation, data sharing, and virtual care, hence making healthcare more accessible and time-efficient, particularly in those areas where physical access to health centers is difficult to achieve.

Trends in the Point-of-Care Market: The Development of Advanced Biosensors
Advanced biosensors are a trend in the point-of-care market. These biosensors provide enhanced sensitivity and specificity to biomarkers and pathogens through their detection, hence allowing for more reliable and detailed diagnostics at the point of care.

Development of Mobile Health Applications: Mobile health applications also show an increasing integration with point-of-care devices. It enables users to monitor health metrics, gets them immediate feedback, and thus better health management, leading to improved patient-centeredness overall.

Growth of AI-Driven Diagnostic Tools: The point-of-care marketplace is a ground for spectacular growth regarding AI-driven diagnostic tools. These tools use machine learning algorithms to extract data, enhance diagnostic precision, and deliver actionable insights to support better clinical decisions.

Recent advancements in wearables, integration with telemedicine, biosensors, mobile applications, and more recently AI-driven innovations in the point-of-care market are being diagnosed with their capability to monitor more health access. These innovations are transforming and growing the market.

Strategic Growth Opportunities for Point-of-Care (POC) Market

Growth opportunities keep unfolding in various strategic areas within the point-of-care market. Technology advancements, increases in demand for accessible healthcare solutions, and changing industry needs drive these opportunities.

Expanding Remote Patient Monitoring: One of the most important growth opportunities for this industry involves remote patient monitoring point-of-care solutions. Continuous health tracking and remote diagnostics through enabling technologies are becoming increasingly crucial, not least for managing chronic conditions and ensuring better patient outcomes.

Development of Home-Based Testing Kits: The development of testing kits that can be taken from the comfort of one's home is also fast becoming an emergent opportunity within the point-of-care market. The convenience and accessibility this affords the patient in conducting tests from the comfort of his or her home and getting quick results are what particularly make it invaluable for routine health monitoring.

Integration with EHRs: Integration of point-of-care devices into EHR systems offers a strategic opportunity for improving data management and enhancing care coordination. Proper sharing of data between point-of-care devices and EHRs can be helpful in improvement of patient care and workflow management in healthcare in an effective manner.

Improvements in Wearable Technology: Improvement in wearable technology is also opening growth avenues for point-of-care applications. Wearable devices that track vital signs and other health metrics offer valuable insights in real time to encourage proactive health management and personalized treatment.

Emergence of AI and Machine Learning Applications: The main growth opportunity that the market sees is found in the applications of AI and machine learning in point-of-care diagnostics. AI and machine learning enhance diagnostic accuracy, facilitate predictive analytics, and bring personalized treatment, thereby fostering an ecosystem of innovation and improving patient outcomes.

The strategic growth opportunities present within the point-of-care market are in the form of remote patient monitoring, home-based testing kits, EHR integration, wearable technology, and AI applications. These drive market growth and innovation in ways that

improve the effectiveness of healthcare delivery and patient management.

Point-of-Care (POC) Market Driver and Challenges

Several drivers and challenges that may affect the point-of-care market include technological development, economic factors, and regulatory considerations. These will have to be understood so that any business wishing to get into this market can efficiently navigate through it and achieve growth.

The factors responsible for driving the point-of-care (POC) market include:

1. **Technological Advancements:** The major driver for the point-of-care market is technological advancement. Innovations in diagnostic technologies such as portable devices with advanced biosensors raise the bar on the level of accuracy and speed, thereby driving a need for more and improved point-of-care solutions.
2. **Growing Demand for Accessible Care:** The growing demand for accessible and immediate healthcare solutions fuels the point-of-care market. The requirement for on-site diagnosis testing and remote monitoring solutions creates an excellent perspective for the development and adoption of point-of-care technologies.
3. **Emergence of Telemedicine:** The rise in telemedicine treatments acts as a significant driver for the point-of-care market. The integration of point-of-care devices with telemedicine platforms gives way to remote consultations, data sharing, and better accessibility to care among patients, which boosts the market. Thus, increasing focus on the management of diseases acts as another critical factor enhancing the growth of the point-of-care market.
4. **Government Initiatives and Funding:** Government initiatives and funding encourage the development and adoption of point-of-care technologies. Investments in healthcare infrastructure and research drive innovation, developing and enhancing access to point-of-care solutions.

Challenges in the point-of-care (POC) market are:

1. **Regulatory Compliance:** Another big challenge for the point-of-care market is regulatory requirements. Strict regulations and standards can create a huge impact on product development, approval processes, and entry into the market.

2. **Data Security and Privacy:** Serious concern in data security and privacy is observed in the point-of-care market. It will be important to retain confidence and meet the regulatory requirements through assurance in the security and confidentiality of sensitive patient information and keeping data management secure.

3. **Cost and Accessibility:** Thus, cost is one potential barrier for point-of-care technologies to reach full adoption, particularly in low-resource settings. Reducing the cost or making the technology more affordable will indeed improve broader market penetration and impact.

The market at the point of care is driven by such forces as technological development, increase in demand for available health care, expansion in telemedicine, chronic disease management, and favorable governmental environment. Challenges also follow in trying to comply with different regulations, ensuring data security, and cost factors. The consideration of all these factors would be important to succeed in the market.

List of Point-of-Care (POC) Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. Through these strategies point-of-care (POC) companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the point-of-care (POC) companies profiled in this report include-

Abbott

F. Hoffmann-La Roche

B.D.

Siemens Healthcare

Bio-Rad Laboratories

Danaher

Sekisui Diagnostics

Point-of-Care (POC) by Segment

The study includes a forecast for the global point-of-care (POC) by product type, technology, application, end use, and region.

Point-of-Care (POC) Market by Product Type [Analysis by Value from 2018 to 2030]:

Glucose Monitoring

Strips

Meters

Lancets

Cardiometabolic Testing

Cardiac marker Testing

Others

Point-of-Care (POC) Market by Technology [Analysis by Value from 2018 to 2030]:

Lateral Flow Assays

Dipsticks

Microfluidics

Molecular Diagnostics

Immunoassays

Agglutination Assays

Flow-Through

Solid Phase

Biosensors

Point-of-Care (POC) Market by Application [Analysis by Value from 2018 to 2030]:

Cardio Metabolic Testing

Infectious Disease Testing

Nephrology Testing

Drug-of-Abuse Testing

Blood Glucose Testing

Pregnancy Testing

Others

Point-of-Care (POC) Market by End Use [Analysis by Value from 2018 to 2030]:

Hospitals

Diagnostic Centers

Research Laboratories

Home-Care Settings

Others

Point-of-Care (POC) Market by Region [Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

Country Wise Outlook for the Point-of-Care (POC) Market

The point-of-care market represents one of the most rapidly changing markets due to rapid technological development, increasing healthcare needs, and changes in regulations. The transformation in point-of-care has been attributed to innovative diagnostics with an increased desire for instantaneous and on-site testing. Developments across the United States, China, Germany, India, and Japan underline the momentum that exists globally to take POC capabilities and access further forward.

United States: The U.S. is the hub for the point-of-care market, as it is covering huge ground in innovation related to diagnostic testing at a fast pace and integration into telemedicine. Key innovations in portable, high-precision devices for infectious diseases and the monitoring of chronic conditions are taking place, along with significant improvement in connectivity for the remote consultation of patients and sharing of data.

China: China is aggressively developing its point-of-care market, laying emphasis on increasing health accessibility in rural areas. The recent development in the region involves using reasonable, easy-to-operate diagnostic systems, embedding AI technologies in derivation of quicker and more accurate results. This has also forced the Chinese government to invest more in the healthcare infrastructure.

Germany: Germany is driving the market of point-of-care with the development of high-value diagnostic technology and precision medicine. The recent development in the segment includes the adoption of advanced biosensors and digital health solutions, enabling real-time monitoring and personalized treatment. In particular, Germany pays enough attention to compliance with regulatory requirements, which provides a high level of accuracy and reliability in devices.

India: The point-of-care market is shaping up with greater focus on low-cost and scalable diagnostic solutions. Recent innovations in mobile health technologies and portable diagnostics reaching out to the needs of diversified population segments are newer developments. The growth is further supported by government initiatives for better healthcare delivery and access.

Japan: is characterized by an evolved point-of-care market, where robotics and automation have been deeply integrated into the diagnostic processes. From widespread use of very advanced automated testing systems to AI-driven diagnostic platforms, the development of such initiatives increases accuracy and efficiency in diagnostics, thus fitting the focus of Japan on high-technology healthcare solutions.

Features of the Global Point-of-Care (POC) Market

Market Size Estimates: Point-of-care (POC) market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Point-of-care (POC) market size by various segments, such as by product type, technology, application, end use, and region in terms of value (\$B).

Regional Analysis: Point-of-care (POC) market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different product types, technologies, applications, end uses, and regions for the point-of-care (POC) market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the point-of-care (POC) market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

If you are looking to expand your business in this market or adjacent markets, then contact us. We have done hundreds of strategic consulting projects in market entry, opportunity screening, due diligence, supply chain analysis, M & A, and more.

FAQ

Q.1 What is the point-of-care (POC) market size?

Answer: The global point-of-care (POC) market is expected to reach an estimated \$70.0 billion by 2030.

Q.2 What is the growth forecast for point-of-care (POC) market?

Answer: The global point-of-care (POC) market is expected to grow with a CAGR of 10.3% from 2024 to 2030.

Q.3 What are the major drivers influencing the growth of the point-of-care (POC) market?

Answer: The major drivers for this market are augmenting demand for early diagnosis and treatment of diseases, expanding adoption of telehealth and remote healthcare delivery, and growing demand for affordable and user-friendly point of care testing devices.

Q4. What are the major segments for point-of-care (POC) market?

Answer: The future of the point-of-care (POC) market looks promising with opportunities in the hospital, diagnostic center, research laboratory, and home-care setting markets.

Q5. Who are the key point-of-care (POC) market companies?

Answer: Some of the key point-of-care (POC) companies are as follows:

Abbott

F. Hoffmann-La Roche

B.D.

Siemens Healthcare

Bio-Rad Laboratories

Danaher

Sekisui Diagnostics

Q6. Which point-of-care (POC) market segment will be the largest in future?

Answer: Lucintel forecasts that blood glucose testing is expected to witness highest growth over the forecast period due to its features, such as convenience, easy to use, and can be performed at home or in a healthcare setting.

Q7. In point-of-care (POC) market, which region is expected to be the largest in next 5 years?

Answer: North America is expected to witness highest growth over the forecast period.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the point-of-care (POC) market by product type (glucose monitoring, strips, meters, lancets, cardiometabolic testing, cardiac marker testing, and others), technology (lateral flow assays, dipsticks, microfluidics, molecular diagnostics, immunoassays, agglutination assays, flow-through, solid phase, and biosensors), application (cardio metabolic testing, infectious disease testing, nephrology testing, drug-of-abuse testing, blood glucose testing, pregnancy testing, cancer biomarker testing, and others), end use (hospitals, diagnostic centers, research laboratories, home-care settings, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Point-of-Care (POC) Market, Point-of-Care (POC) Market Size, Point-of-Care (POC) Market Growth, Point-of-Care (POC) Market Analysis, Point-of-Care (POC) Market Report, Point-of-Care (POC) Market Share, Point-of-Care (POC) Market Trends, Point-of-Care (POC) Market Forecast, Point-of-Care (POC) Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

Market Report

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