

U.S. Patient Monitoring Market by Component (Device, Service, and Connectivity Technology): Opportunity Analysis and Industry Forecast, 2020–2027

<https://marketpublishers.com/r/U25ECB4EF451EN.html>

Date: August 2020

Pages: 200

Price: US\$ 5,769.00 (Single User License)

ID: U25ECB4EF451EN

Abstracts

The U.S. patient monitoring market was valued at \$12,200.96 million in 2019, and is projected to reach \$22,583.40 million by 2027, registering a CAGR of 5.21% from 2020 to 2027. Patient monitoring is the observation of a disease, condition or one or several medical parameters over time. Various types of patient monitoring systems are used to measure, record, distribute, and display combinations of biometric values such as heart rate, blood oxygen saturation levels (SPO2), blood pressure, and temperature. They are used to monitor patients regularly, which helps to avoid serious problems which helps to reduce number of emergency department visits and duration of hospitalization. Patient monitoring devices such as pulse oximeters, capnographs, and cardiac monitors are increasingly used in major hospitals, clinics, and various outpatient centers. These devices are commonly used during minor and major surgeries to monitor physiological signs of patients and intervene, if any complications occur. These devices can also help healthcare professionals to monitor vital signs of multiple patients at the same time. Some of these devices are also used to alert physicians, in case parameter levels are either above or below the limit set by physicians. Moreover, with the help of remote monitoring devices, physicians can remotely monitor physiological parameters such as blood glucose level, blood pressure, and heart rate; and accordingly provide appropriate treatment for patients.

Increase in geriatric population and rise in adoption of remote patient monitoring devices are one of the few factors that drive the growth of the market. In addition, rise in prevalence of chronic diseases such as COPD, diabetes, cancer, and atherosclerosis also contribute toward growth of the patient monitoring devices market. Moreover, collaborations between companies, hospitals, and academic institutions are expected to lead to launch of new products, which would help increase the market revenue and,

therefore, boost the market growth. However, data privacy & security issues are likely to restrain growth of the market. Moreover, government regulations and reimbursement issues also hamper growth of the U.S patient monitoring system market. Conversely, increase in adoption of AI and analytics is expected to create lucrative opportunities for the market during the forecast period. Further, growth in IoT healthcare applications is also projected to provide significant growth opportunities for the U.S. patient monitoring market.

Though most of the markets are dropping down, COVID-19 outbreak has positively affected various healthcare related markets, one of them being patient monitoring systems. As patient monitoring systems play a crucial role to combat pandemic and monitor patients, the patient monitoring market is witnessing a tremendous growth. Patient monitoring systems including cardiac monitors, respiratory devices, and temperature monitoring devices are facing huge demand, owing to their immense use in patient treatment along with IoT technology. In addition, IoT, specifically when combined with other transformative technologies such as Cloud and Artificial intelligence (AI), lead to a wide range of applications in patient monitoring, which have been beneficial during the crisis.

The U.S. patient monitoring system market is segmented into component which is further sub-segmented into devices, services, and connectivity type. By device, the market is further categorized into hemodynamic monitoring devices, neuromonitoring devices, cardiac monitoring devices, fetal & neonatal monitoring devices, respiratory monitoring devices, multiparameter monitoring devices, weight monitoring devices, temperature monitoring devices, and urine output monitoring devices. The service type segment is further divided into consulting, system integration & deployment, and support & maintenance. The connectivity technology type segment is further categorized into cellular IoT - 3G, cellular IoT - 4G, LoRa, Wi-Fi, SIGFOX, wireline, wireless personal area network (WPAN), and others.

The report provides extensive competitive analysis and profiles of key market players such as Abbott Laboratories, Biotronik SE & CO. KG, Boston Scientific Corporation, Medtronic, Inc., F. Hoffmann-La Roche Ltd., GE Healthcare Ltd, Masimo Corporation, Nihon Kohden Corporation, OSI Systems, Inc. (Spacelabs Healthcare), and Koninklijke Philips N.V.

KEY BENEFITS FOR STAKEHOLDERS

This report provides a detailed quantitative analysis of the current U.S. patient

monitoring system market trends and future estimations from 2020 to 2027, which assists in identifying the prevailing market opportunities.

An in-depth analysis of country is anticipated to provide a detailed understanding of the current trends to enable stakeholders formulate country specific plans.

A comprehensive analysis of the factors that drive and restrain the growth of the U.S. patient monitoring system market is provided.

The development strategies adopted by the key market players are enlisted to understand the competitive scenario of the market.

Key Market Segments

By Component

Devices

Hemodynamic Monitoring Devices

Neuromonitoring Devices

Cardiac Monitoring Devices

Fetal and Neonatal Monitoring Devices

Respiratory Monitoring Devices

Multiparameter Monitoring Devices

Remote Patient Monitoring Devices

Weight Monitoring Devices

Temperature Monitoring Devices

Urine Output Monitoring Devices

Service

Consulting

System Integration and Deployment

Support and Maintenance

Connectivity Technology

Cellular IoT- 3G

Cellular IoT- 4G

Wi-Fi

SIGFOX

Wireline

Wireless Personal Area Network (WPAN)

Others

List of key players profiled in the report

Abbott Laboratories

Biotronik

Boston Scientific Corporation

F. Hoffmann-La Roche Ltd.

GE Healthcare Ltd

Koninklijke Philips N.V.

Masimo Corporation

Medtronic, Inc.

Nihon Kohden Corporation

OSI Systems, Inc. (Spacelabs Healthcare)

LIST OF OTHER PLAYERS IN THE VALUE CHAIN (These players are not profiled in the report. The same will be included on request.)

Cisco Systems Inc.

Schiller AG

Omron Healthcare Co. Ltd.

Contents

CHAPTER 1:INTRODUCTION

- 1.1.Report description
- 1.2.Key benefits
- 1.3.Key market segments
- 1.4.Research methodology
 - 1.4.1.Secondary research
 - 1.4.2.Primary research
 - 1.4.3.Analyst tools and models

CHAPTER 2:EXECUTIVE SUMMARY

- 2.1.CXO perspective

CHAPTER 3:MARKET OVERVIEW

- 3.1.Market definition and scope
- 3.2.Key findings
 - 3.2.1.Top investment pockets
 - 3.2.2.Top winning strategies
- 3.3.Top Player Positioning
- 3.4.Porter's five forces analysis
- 3.5.COVID-19 impact on the market
- 3.6.Government regulations
 - 3.6.1.U.S. FDA
- 3.7.Reimbursement scenarios
- 3.8.Clinical trials
- 3.9.Patent analysis
 - 3.9.1.Patents Registered/Approved, 2011–2020
 - 3.9.2.Patents Registered/Approved, by Applicants, 2011–2020
 - 3.9.3.U.S. patent analysis, by market applicants
- 3.10.Market Dynamics
 - 3.10.1.Drivers
 - 3.10.1.1.Rise in prevalence of lifestyle diseases
 - 3.10.1.2.Increase in geriatric population
 - 3.10.1.3.Rise in the adoption of remote patient monitoring devices
 - 3.10.2.Restraints

- 3.10.2.1. Government regulations and reimbursement issues
- 3.10.2.2. Limited awareness and high costs
- 3.10.3. Opportunities
 - 3.10.3.1. Technological advancements

CHAPTER 4: PATIENT MONITORING SYSTEMS MARKET, BY COMPONENT

- 4.1. Overview
 - 4.1.1. Market size and forecast
- 4.2. Device
 - 4.2.1. Market size and forecast
 - 4.2.2. Hemodynamic monitoring devices
 - 4.2.2.1. Key market trends and opportunity
 - 4.2.2.2. Market size and forecast
 - 4.2.3. Neuromonitoring devices
 - 4.2.3.1. Key market trends and opportunities
 - 4.2.3.2. Market size and forecast
 - 4.2.4. Cardiac monitoring devices
 - 4.2.4.1. Key market trends and opportunities
 - 4.2.4.2. Market size and forecast
 - 4.2.5. Fetal neonatal monitoring devices
 - 4.2.5.1. Key market trends and opportunities
 - 4.2.5.2. Market size and forecast
 - 4.2.6. Respiratory monitors
 - 4.2.6.1. Key market trends and opportunities
 - 4.2.6.2. Market size and forecast
 - 4.2.7. Multiparameter monitoring devices
 - 4.2.7.1. Key market trends and opportunities
 - 4.2.7.2. Market size and forecast
 - 4.2.8. Remote patient monitoring devices
 - 4.2.8.1. Key market trends and opportunities
 - 4.2.8.2. Market size and forecast
 - 4.2.9. Weight monitoring devices
 - 4.2.9.1. Key market trends and opportunities
 - 4.2.9.2. Market size and forecast
 - 4.2.10. Temperature monitoring devices
 - 4.2.10.1. Key market trends and opportunities
 - 4.2.10.2. Market size and forecast
 - 4.2.11. Urine output monitoring

- 4.2.11.1.Key market trends and opportunities
- 4.2.11.2.Market size and forecast
- 4.3.Service
 - 4.3.1.Market size and forecast
 - 4.3.2.Consulting
 - 4.3.2.1.Market size and forecast
 - 4.3.3.System Integration and Deployment
 - 4.3.3.1.Market size and forecast
 - 4.3.4.Support and Maintenance
 - 4.3.4.1.Market size and forecast
- 4.4.Connectivity Technology
 - 4.4.1.Cellular IoT - 3G
 - 4.4.1.1.Market size and forecast
 - 4.4.2.Cellular IoT - 4G
 - 4.4.2.1.Market size and forecast
 - 4.4.3.Wi-Fi
 - 4.4.3.1.Market size and forecast
 - 4.4.4.SIGFOX
 - 4.4.4.1.Market size and forecast
 - 4.4.5.Wireline
 - 4.4.5.1.Market size and forecast
 - 4.4.6.Wireless Personal Area Network (WPAN)
 - 4.4.6.1.Market size and forecast
 - 4.4.7.Others
 - 4.4.7.1.Market size and forecast

CHAPTER 5:COMPANY PROFILES

- 5.1.ABBOTT LABORATORIES
 - 5.1.1.Company overview
 - 5.1.2.Company snapshot
 - 5.1.3.Operating business segments
 - 5.1.4.Product portfolio
 - 5.1.5.Business performance
 - 5.1.6.Key strategic moves and developments
- 5.2.BIOTRONIK SE & CO. KG
 - 5.2.1.Company overview
 - 5.2.2.Company snapshot
 - 5.2.3.Operating business segments

- 5.2.4.Product portfolio
- 5.2.5.Key strategic moves and developments
- 5.3.BOSTON SCIENTIFIC CORPORATION
 - 5.3.1.Company overview
 - 5.3.2.Company snapshot
 - 5.3.3.Operating business segments
 - 5.3.4.Product portfolio
 - 5.3.5.Business performance
 - 5.3.6.Key strategic moves and developments
- 5.4.GENERAL ELECTRIC COMPANY (GE HEALTHCARE)
 - 5.4.1.Company overview
 - 5.4.2.Company snapshot
 - 5.4.3.Operating business segments
 - 5.4.4.Product portfolio
 - 5.4.5.Business performance
 - 5.4.6.Key strategic moves and developments
- 5.5.F. HOFFMANN-LA ROCHE LTD.
 - 5.5.1.Company overview
 - 5.5.2.Company snapshot
 - 5.5.3.Operating business segments
 - 5.5.4.Product portfolio
 - 5.5.5.Business performance
 - 5.5.6.Key strategic moves and developments
- 5.6.KONINKLIJKE PHILIPS N.V. (PHILIPS HEALTHCARE)
 - 5.6.1.Company overview
 - 5.6.2.Company snapshot
 - 5.6.3.Operating business segments
 - 5.6.4.Product portfolio
 - 5.6.5.Business performance
 - 5.6.6.Key strategic moves and developments
- 5.7.MASIMO CORPORATION
 - 5.7.1.Company overview
 - 5.7.2.Company snapshot
 - 5.7.3.Product portfolio
 - 5.7.4.Business performance
 - 5.7.5.Key Strategic Moves and Developments
- 5.8.MEDTRONIC PLC.
 - 5.8.1.Company overview
 - 5.8.2.Company snapshot

- 5.8.3.Operating business segments
- 5.8.4.Medtronic offers following patient monitoring devices
- 5.8.5.Business performance
- 5.8.6.Key strategic moves and developments
- 5.9.NIHON KOHDEN CORPORATION
 - 5.9.1.Company overview
 - 5.9.2.Company snapshot
 - 5.9.3.Operating business segments
 - 5.9.4.Product portfolio
 - 5.9.5.Business performance
 - 5.9.6.Key strategic moves and developments
- 5.10.OSI Systems, Inc. (Spacelabs Healthcare)
 - 5.10.1.Company overview
 - 5.10.2.Company snapshot
 - 5.10.3.Operating business segments
 - 5.10.4.Product portfolio
 - 5.10.5.Business performance
 - 5.10.6.Key Strategic Moves and Development

List Of Tables

LIST OF TABLES

TABLE 01. CLINICAL TRIALS: PATIENT MONITORING SYSTEMS MARKET, 2013–2020

TABLE 02. PATENTS REGISTERED/APPROVED ACROSS THE GLOBE, 2011–2020

TABLE 03. PATENTS REGISTERED/APPROVED, BY APPLICANTS, 2011–2020

TABLE 04. U.S. PATENT ANALYSIS, BY MARKET APPLICANTS, 2011–2020

TABLE 05. U.S. PATIENT MONITORING SYSTEMS MARKET, BY COMPONENT, 2019–2027 (\$MILLION)

TABLE 06. U.S. PATIENT MONITORING SYSTEMS MARKET, BY DEVICE TYPE, 2019–2027 (\$MILLION)

TABLE 07. U.S. PATIENT MONITORING SYSTEMS MARKET, BY SERVICE TYPE, 2019–2027 (\$MILLION)

TABLE 08. ABBOTT: COMPANY SNAPSHOT

TABLE 09. ABBOTT: OPERATING SEGMENT

TABLE 10. ABBOTT: PRODUCT PORTFOLIO

TABLE 11. BIOTRONIK: COMPANY SNAPSHOT

TABLE 12. BIOTRONIK: OPERATING SEGMENTS

TABLE 13. BIOTRONIK: PRODUCT PORTFOLIO

TABLE 14. BOSTON SCIENTIFIC CORPORATION: COMPANY SNAPSHOT

TABLE 15. BOSTON SCIENTIFIC CORPORATION: OPERATING SEGMENTS

TABLE 16. BOSTON SCIENTIFIC CORPORATION: PRODUCT PORTFOLIO

TABLE 17. GE: COMPANY SNAPSHOT

TABLE 18. GE: OPERATING SEGMENTS

TABLE 19. GE: PRODUCT PORTFOLIO

TABLE 20. ROCHE: COMPANY SNAPSHOT

TABLE 21. ROCHE: OPERATING SEGMENT

TABLE 22. ROCHE: PRODUCT PORTFOLIO

TABLE 23. PHILIPS: COMPANY SNAPSHOT

TABLE 24. PHILIPS: OPERATING SEGMENTS

TABLE 25. PHILIPS: PRODUCT PORTFOLIO

TABLE 26. MASIMO: COMPANY SNAPSHOT

TABLE 27. MASIMO: PRODUCT PORTFOLIO

TABLE 28. MEDTRONIC: COMPANY SNAPSHOT

TABLE 29. MEDTRONIC: OPERATING BUSINESS SEGMENTS

TABLE 30. MEDTRONIC: PRODUCT PORTFOLIO

TABLE 31. NIHON KOHDEN CORPORATION: COMPANY SNAPSHOT

TABLE 32.NIHON KOHDEN: PRODUCT PORTFOLIO
TABLE 33.OSI SYSTEMS: COMPANY SNAPSHOT
TABLE 34.OSI SYSTEMS: OPERATING SEGMENTS
TABLE 35.OSI SYSTEMS: PRODUCT PORTFOLIO

List Of Figures

LIST OF FIGURES

FIGURE 01.TOP INVESTMENT POCKETS: U.S. PATIENT MONITORING SYSTEMS MARKET, BY DEVICE TYPE

FIGURE 02.TOP WINNING STRATEGIES, BY YEAR, 2017–2020*

FIGURE 03.TOP WINNING STRATEGIES, BY DEVELOPMENT, 2017–2020* (%)

FIGURE 04.TOP WINNING STRATEGIES, BY COMPANY, 2017–2020* (%)

FIGURE 05.TOP PLAYER POSITIONING

FIGURE 06.MODERATE BARGAINING POWER OF BUYERS

FIGURE 07.HIGH BARGAINING POWER OF SUPPLIERS

FIGURE 08.HIGH THREAT OF NEW ENTRANTS

FIGURE 09.MODERATE THREAT OF SUBSTITUTION

FIGURE 10.HIGH COMPETITIVE RIVALRY

FIGURE 11.PATENTS REGISTERED/APPROVED, 2011–2020

FIGURE 12.PATENTS REGISTERED/APPROVED, BY APPLICANTS, 2011–2020

FIGURE 13.U.S. PATENT ANALYSIS, BY MARKET APPLICANTS, 2011–2020

FIGURE 14.HEMODYNAMIC MONITORING DEVICES MARKET, 2019-2027

FIGURE 15.NEUROMONITORING DEVICE MARKET, 2019-2027

FIGURE 16.CARDIAC MONITORING DEVICES MARKET, 2019-2027

FIGURE 17.FETAL AND NEONATAL MONITORING DEVICES MARKET, 2019-2027

FIGURE 18.RESPIRATORY MONITORS MARKET, 2019-2027

FIGURE 19.MULTIPARAMETER MONITORING DEVICES MARKET, 2019-2027

FIGURE 20.REMOTE PATIENT MONITORING DEVICES MARKET, 2019-2027

FIGURE 21.WEIGHT MONITORING DEVICES MARKET, 2019-2027

FIGURE 22.TEMPERATURE MONITORING DEVICES MARKET, 2019-2027

FIGURE 23.URINE OUTPUT MONITORING DEVICES MARKET, 2019-2027

FIGURE 24.PATIENT MONITORING SYSTEMS MARKET FOR CONSULTING, 2019-2027

FIGURE 25.PATIENT MONITORING SYSTEMS MARKET FOR SYSTEM INTEGRATION AND DEPLOYMENT, 2019-2027

FIGURE 26.PATIENT MONITORING SYSTEMS MARKET FOR SUPPORT AND MAINTENANCE, 2019-2027

FIGURE 27.PATIENT MONITORING SYSTEMS MARKET FOR CELLULAR IOT - 3G, 2019-2027

FIGURE 28.PATIENT MONITORING SYSTEMS MARKET FOR CELLULAR IOT - 4G, 2019-2027

FIGURE 29.PATIENT MONITORING SYSTEMS MARKET FOR WI-FI, 2019-2027

- FIGURE 30.PATIENT MONITORING SYSTEMS MARKET FOR SIGFOX, 2019-2027
- FIGURE 31.PATIENT MONITORING SYSTEMS MARKET FOR WIRELINE, 2019-2027
- FIGURE 32.PATIENT MONITORING SYSTEMS MARKET FOR WIRELESS PERSONAL AREA NETWORK (WPAN), 2019-2027
- FIGURE 33.PATIENT MONITORING SYSTEMS MARKET FOR OTHERS, 2019-2027
- FIGURE 34.ABBOTT: NET SALES, 2017–2019 (\$MILLION)
- FIGURE 35.ABBOTT: REVENUE SHARE, BY SEGMENT, 2019 (%)
- FIGURE 36.ABBOTT: REVENUE SHARE, BY REGION, 2019 (%)
- FIGURE 37.BOSTON SCIENTIFIC CORPORATION: NET SALES, 2017–2019 (\$MILLION)
- FIGURE 38.BOSTON SCIENTIFIC CORPORATION: REVENUE SHARE, BY SEGMENT, 2019 (%)
- FIGURE 39.BOSTON SCIENTIFIC CORPORATION: REVENUE SHARE, BY REGION, 2019 (%)
- FIGURE 40.GE: NET SALES, 2017–2019 (\$MILLION)
- FIGURE 41.GE: REVENUE SHARE, BY SEGMENT, 2019 (%)
- FIGURE 42.GE: REVENUE SHARE, BY REGION, 2019 (%)
- FIGURE 43.ROCHE: NET SALES, 2017–2019 (\$MILLION)
- FIGURE 44.ROCHE: REVENUE SHARE, BY SEGMENT, 2019 (%)
- FIGURE 45.ROCHE: REVENUE SHARE, BY REGION, 2019 (%)
- FIGURE 46.PHILIPS: NET SALES, 2017–2019 (\$MILLION)
- FIGURE 47.PHILIPS: REVENUE SHARE, BY SEGMENT, 2019 (%)
- FIGURE 48.PHILIPS: REVENUE SHARE, BY REGION, 2019(%)
- FIGURE 49.MASIMO: NET SALES, 2017-2019 (\$MILLION)
- FIGURE 50.MASIMO: REVENUE SHARE, BY REGION, 2019 (%)
- FIGURE 51.MEDTRONIC: NET SALES, 2017–2019 (\$MILLION)
- FIGURE 52.MEDTRONIC: REVENUE SHARE, BY SEGMENT, 2019 (%)
- FIGURE 53.MEDTRONIC: REVENUE SHARE, BY REGION, 2019 (%)
- FIGURE 54.NIHON KOHDEN: NET SALES, 2016–2018 (\$MILLION)
- FIGURE 55.NIHON KOHDEN: REVENUE SHARE, BY PRODUCT SEGMENT, 2018 (%)
- FIGURE 56.NIHON KOHDEN: REVENUE SHARE, BY REGION, 2018 (%)
- FIGURE 57.OSI SYSTEMS: NET SALES, 2016–2018 (\$MILLION)
- FIGURE 58.OSI SYSTEMS: REVENUE SHARE, BY SEGMENT, 2018 (%)
- FIGURE 59.OSI SYSTEMS: REVENUE SHARE, BY REGION, 2018 (%)

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