

# Wearable Medical Devices: Technologies and Global Markets

<https://marketpublishers.com/r/WC0AAE23FD3EN.html>

Date: December 2021

Pages: 188

Price: US\$ 2,750.00 (Single User License)

ID: WC0AAE23FD3EN

## Abstracts

### Report Scope:

The current report offers a detailed picture of wearable medical devices.

This report highlights the current and future market potential for wearable medical devices and provides a detailed analysis of the competitive environment, regulatory scenario, drivers, restraints, opportunities, and trends in the market. This report also covers market projections through 2026, as well as key market players.

The report details market shares for wearable medical devices. By geography, the market has been segregated by North America, Europe, the Asia-Pacific region, the Middle East and Africa, and South America. North America includes the U.S., Canada and Mexico, while Europe includes Germany, the U.K., France, Italy, Spain, and Rest of Europe. The Asia-Pacific region includes China, India, Japan, Australia, New Zealand, and the Rest of Asia-Pacific.

### Report Includes:

59 tables

An up-to-date review and analysis of the global markets for wearable medical device technologies

Analyses of the global market trends, with historic data from 2019 to 2020, estimates for 2021 and projections of compound annual growth rates (CAGRs) through 2026

Review, analysis and forecast key wearable medical device technologies used for diagnosis, monitoring, treatment and prevention of various diseases and disorders

Evaluation and forecast the overall market size, forecasted growth trends, and corresponding market share analysis by application, end user and geographic region

Highlights of the upcoming market potential and areas of focus to forecast this market into various segments and sub-segments

In-depth information (facts and figures) concerning market drivers, market deterrents and other demographic and economic factors that will drive future demand for medical devices

Identification of promising new wearable medical devices and technologies still in the development and testing stage and assess the probability that they will be commercialized successfully in the next five years

Insight into recent structure of the medical device and diagnostics industry, competitive landscape, R&D activities, company revenue share analysis, and key M&A deals and collaboration agreements in the global wearable medical devices market

Descriptive company profiles of the major global players, including Abbott, General Electric Co., Medtronic PLC, Siemens Healthineers AG, Thync Inc. and VivoSensMedical GmbH

## Contents

### **CHAPTER 1 INTRODUCTION**

Study Goals and Objectives  
Reasons for Doing This Study  
What's New in This Report  
Scope of Report  
Information Sources  
Methodology  
Geographic Breakdown  
Analyst's Credentials  
BCC Custom Research  
Related BCC Research Reports

### **CHAPTER 2 SUMMARY AND HIGHLIGHTS**

### **CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND**

History of Wearable Technology  
Design and Technical Considerations  
Ergonomics and Wearability  
Interface Design  
Safety and Reliability  
Sensor Design  
Power Consumption and Battery Life  
Data Acquisition  
Feedback  
Privacy and Security  
Integration with Smart Devices  
Potential Applications With Respect to Wearable Technology

### **CHAPTER 4 IMPACT OF THE COVID-19 PANDEMIC**

Introduction  
Impact of COVID-19 on Markets  
Changes in Consumption Trends for Health-Related Products

### **CHAPTER 5 MARKET DYNAMICS**

## Market Drivers

Growing Geriatric Population

Increasing Incidence of Chronic Lifestyle Diseases

High Healthcare Spending and Economic Growth

Technological Advancements and Innovation in Wearable Medical Devices

Corporate Wellness Programs and Incentives for Users of Wearable Medical Devices

## Market Restraints

Data Privacy and Security Concerns

High Cost of Devices

Slow Adoption in Developing Economies

Regulatory Scrutiny

## Market Opportunities

Demand for Home Care and Remote Monitoring

Increasing Health and Fitness Awareness

Increasing Penetration of AI and Big Data in Healthcare to Create Smart and Adaptive Wearable Devices

## **CHAPTER 6 MARKET BREAKDOWN BY APPLICATION**

### Health and Fitness Wearables

Target Users

Types of Health and Fitness Wearables

Key Health and Fitness Wearables

Market Size and Forecast

### Diagnostic

Able to Target Chronic Diseases and Disorders

Types of Diagnostic and Monitoring Wearables

Key Products

Market Size and Forecast

### Therapeutic

Target Chronic Diseases and Disorders

Key Wearable Therapeutic Devices

Market Size and Forecast

### Rehabilitation

Target Diseases or Disability

Types of Rehabilitation Wearables

Key Wearable Rehabilitation Devices

Other Rehabilitation Wearables

Market Size and Forecast

## **CHAPTER 7 MARKET BREAKDOWN BY SALES CHANNEL**

Pharmacies

Market Size and Forecast

Online Channels/Supermarkets/Hypermarkets

Market Size and Forecast

## **CHAPTER 8 MARKET BREAKDOWN BY REGION**

Global Market for Wearable Medical Devices by Region

North America

Europe

Asia-Pacific

RoW (Rest of the World)

## **CHAPTER 9 REGULATORY SCENARIOS**

Introduction

Regulatory Environment by Region

U.S.

Europe

Japan

Rest of Asia

## **CHAPTER 10 COMPETITIVE LANDSCAPE**

Overview

Company Market Shares of Wearable Medical Devices

## **CHAPTER 11 REIMBURSEMENT PRACTICES**

Introduction

United States

Europe

Japan

RoW

Technological Developments

Social Developments  
Long-Term Outlook for Wearable Medical Devices

## **CHAPTER 12 COMPANY PROFILES**

270 VISION LTD.  
ACCUMED SYSTEMS INC.  
ACTIGRAPH LLC  
ABBOTT  
GENERAL ELECTRIC CO.  
MEDTRONIC PLC  
SIEMENS HEALTHCARE  
SENSEONICS  
SENSORIA  
SIEMENS  
SPIRE  
STBL MEDICAL RESEARCH AG  
STEP OF MIND LTD.  
THYNC  
TURINGSENSE  
VITAL CONNECT  
VIVALNK  
VIVOSENSMEDICAL  
WAHOO FITNESS  
WEST PHARMACEUTICAL SERVICES INC.  
WHOOOP  
WINMEDICAL  
WITHINGS  
XYBERMIND  
YBRAIN  
ZEPHYR  
ZOLL MEDICAL CORP.

## List Of Tables

### LIST OF TABLES

Summary Table: Global Market for Wearable Medical Devices, by Region, Through 2026

Table 1: Ergonomic Considerations in Designing a Wearable Medical Device

Table 2: Potential Applications of Wearable Technologies

Table 3: Estimated Global Population and Annual Growth, by Selected Age Group and Selected Years, Through 2030

Table 4: Start-ups in Wearable Medical Devices

Table 5: Wearable Devices and Security Vulnerabilities

Table 6: Global Market for Wearable Medical Devices, by Application, Through 2026

Table 7: Global Market for Health and Fitness Wearable Medical Devices, by Region, Through 2026

Table 8: BMI Categories Based on Increasing Health Risks

Table 9: Trends in Obesity Composition of the Global Population, Through 2020

Table 10: Blood Pressure Levels and Hypertensive Status

Table 11: Global Market for Diagnostic Wearable Medical Devices, by Region, Through 2026

Table 12: Key Diabetes Management Wearables

Table 13: Global Market for Therapeutic Wearable Medical Devices, by Region, Through 2026

Table 14: Global Market for Wearable Medical Devices for Rehabilitation, by Region, Through 2026

Table 15: Global Market for Wearable Medical Devices, by Sales Channel, Through 2026

Table 16: Global Market for Wearable Medical Devices Sold Through Pharmacies, by Region, Through 2026

Table 17: Global Market for Wearable Medical Devices Sold through Online Channels/Supermarkets/Hypermarkets, by Region, Through 2026

Table 18: Global Market for Wearable Medical Devices, by Region, Through 2026

Table 19: North American Market for Wearable Medical Devices, by Application, Through 2026

Table 20: North American Market for Wearable Medical Devices, by Sales Channel, Through 2026

Table 21: North American Market for Wearable Medical Devices, by Country, Through 2026

Table 22: Estimated Number of New Cancer Cases, U.S., 2021

Table 23: European Market for Wearable Medical Devices, by Application, Through 2026

Table 24: European Market for Wearable Medical Devices, by Sales Channel, Through 2026

Table 25: European Market for Wearable Medical Devices, by Country, Through 2026

Table 26: Asia-Pacific Market for Wearable Medical Devices, by Application, Through 2026

Table 27: Asia-Pacific Market for Wearable Medical Devices, by Sales Channel, Through 2026

Table 28: Asia-Pacific Market for Wearable Medical Devices, by Country, Through 2026

Table 29: RoW Market for Wearable Medical Devices, by Application, Through 2026

Table 30: RoW Market for Wearable Medical Devices, by Sales Channel, Through 2026

Table 31: Differences in Regulatory Scrutiny between the U.S. and Europe

Table 32: Regulatory Framework in the Wearable Medical Device Market

Table 33: 270 Vision Ltd.: Product Portfolio

Table 34: Accumed Systems Inc.: Product Portfolio

Table 35: ActiGraph LLC: Product Portfolio

Table 36: ActiGraph, LLC: Recent Developments, 2021

Table 37: Abbott: Product Portfolio

Table 38: Sensoria: Product Portfolio

Table 39: Spire: Product Portfolio

Table 40: STBL Medical Research AG: Product Portfolio

Table 41: Step of Mind Ltd.: Product Portfolio

Table 42: Thync Inc.: Product Portfolio

Table 43: TuringSense Inc.: Product Portfolio

Table 44: Vital Connect: Product Portfolio

Table 45: Vital Connect: Recent Development, 2021

Table 46: VivaLnk: Product Portfolio

Table 47: VivaLnk: Recent Developments, 2021

Table 48: VivoSensMedical GmbH: Product Portfolio

Table 49: Wahoo Fitness LLC: Product Portfolio

Table 50: West Pharmaceutical Services Inc.: Product Portfolio

Table 51: WHOOP: Product Portfolio

Table 52: WinMedical SRL: Product Portfolio

Table 53: Withings SAS: Product Portfolio

Table 54: Withings SAS: Recent Developments, 2021

Table 55: Xybermind: Product Portfolio

Table 56: Ybrain: Product Portfolio

Table 57: ZEPHYR: Product Portfolio



Table 58: ZOLL Medical Corp.: Product Portfolio

## List Of Figures

### LIST OF FIGURES

Summary Figure A: Global Market for Wearable Medical Devices, by Region, 2019-2026

Summary Figure B: Global Market Shares of Wearable Medical Devices, by Region, 2020

Figure 1: History of Wearable Technology

Figure 2: Market Drivers of Wearable Medical Devices

Figure 3: Percentage of Population Aged 65 Years and Above, by Region, 2018

Figure 4: Percentage of Population Aged 65 Years and Above, by Region, 2050

Figure 5: Estimated Global Population, by Selected Age Group and Selected Years, 2000-2030

Figure 6: Trends in Rising Aged Population Around the World, 2014-2022

Figure 7: Increase in Fitbit's Average Selling Price, 2016 to Q3 2018

Figure 8: Global Market Shares of Wearable Medical Devices, by Application, 2020

Figure 9: Global Market for Wearable Medical Devices, by Application, 2019-2026

Figure 10: Global Market for Health and Fitness Wearable Medical Devices, 2019-2026

Figure 11: Projected Global Incidence of Diabetes, 2017 and 2045

Figure 12: Global Burden of Stroke, 1990 and 2020

Figure 13: Global Market for Diagnostic Wearable Medical Devices, 2019-2026

Figure 14: Global Market for Therapeutic Wearable Medical Devices, 2019-2026

Figure 15: Global Market for Wearable Medical Devices for Rehabilitation, 2019-2026

Figure 16: Global Market Shares of Wearable Medical Devices, by Sales Channel, 2020

Figure 17: Global Market for Wearable Medical Devices Sold Through Pharmacies, 2019-2026

Figure 18: Global Market for Wearable Medical Devices Sold Through Pharmacies, by Region, 2019-2026

Figure 19: Global Market for Wearable Medical Devices Sold through Online Channels/Supermarkets/Hypermarkets, 2019-2026

Figure 20: Global Market for Wearable Medical Devices Sold through Online Channels/Supermarkets/Hypermarkets, by Region, 2019-2026

Figure 21: Global Market Shares of Wearable Medical Devices, by Region, 2020

Figure 22: North American Market Shares of Wearable Medical Devices, by Application, 2020

Figure 23: North American Market Shares of Wearable Medical Devices, by Sales Channel, 2020

Figure 24: North American Market Shares of Wearable Medical Devices, by Country,

2020

Figure 25: U.S. Market for Wearable Medical Devices, 2019-2026

Figure 26: Canadian Market for Wearable Medical Devices, 2019-2026

Figure 27: Mexican Market for Wearable Medical Devices, 2019-2026

Figure 28: European Market Shares of Wearable Medical Devices, by Application, 2020

Figure 29: European Market Shares of Wearable Medical Devices, by Sales Channel, 2020

Figure 30: European Market Shares of Wearable Medical Devices, by Country, 2020

Figure 31: German Market for Wearable Medical Devices, 2019-2026

Figure 32: U.K. Market for Wearable Medical Devices, 2019-2026

Figure 33: Number of New Cancer Cases in France, 2020

Figure 34: French Market for Wearable Medical Devices, 2019-2026

Figure 35: Italian Market for Wearable Medical Devices, 2019-2026

Figure 36: Number of New Cancer Cases in Spain, 2020

Figure 37: Spanish Market for Wearable Medical Devices, 2019-2026

Figure 38: Rest of European Market for Wearable Medical Device, 2019-2026

Figure 39: Asia-Pacific Market Shares of Wearable Medical Devices, by Application, 2020

Figure 40: Asia-Pacific Market Shares of Wearable Medical Devices, by Sales Channel, 2020

Figure 41: Asia-Pacific Market Shares of Wearable Medical Devices, by Country, 2020

Figure 42: Japanese Market for Wearable Medical Devices, 2019-2026

Figure 43: Number of New Cancer Cases in China, 2020

Figure 44: Distribution of New Cancer Cases in China, 2020

Figure 45: Chinese Market for Wearable Medical Devices, 2019-2026

Figure 46: Indian Market for Wearable Medical Devices, 2019-2026

Figure 47: Rest of Asia-Pacific Market for Wearable Medical Devices, 2019-2026

Figure 48: Number of New Cases in Africa, 2020

Figure 49: RoW Market Shares of Wearable Medical Devices, by Application, 2020

Figure 50: RoW Market Shares of Wearable Medical Devices, by Sales Channel, 2020

Figure 51: Global Market Shares of Wearable Medical Devices, 2020

Figure 52: Abbott: Annual Revenue, 2018-2020

Figure 53: Abbott: Revenue Share, by Country, 2020

Figure 54: Abbott: Revenue Share, by Business Segment, 2020

Figure 55: General Electric Co.: Annual Revenue, 2018-2020

Figure 56: General Electric Co.: Revenue Shares, by Region/Country, 2020

Figure 57: General Electric Co.: Revenue Share, by Business Segment, 2020

Figure 58: Medtronic PLC: Annual Revenue, 2018 and 2019

Figure 59: Medtronic PLC: Revenue Share, by Product Category, 2019

Figure 60: Siemens: Annual Revenue, 2019 and 2020

Figure 61: Siemens: Revenue Share, by Segment, 2020

## I would like to order

Product name: Wearable Medical Devices: Technologies and Global Markets

Product link: <https://marketpublishers.com/r/WC0AAE23FD3EN.html>

Price: US\$ 2,750.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/WC0AAE23FD3EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970