

Mobile Health and Fitness Sensor Market Report by Product (Temperature Sensor, Pressure Sensor, Speed Sensor, Level and Position Sensor, Gas Sensor, and Others), Application (Medical, Sports, and Others), and Region 2023-2028

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Abstracts

The global mobile health and fitness sensor market size reached US\$ 3.72 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 8.95 Billion by 2028, exhibiting a growth rate (CAGR) of 15.8% during 2022-2028. The increasing health and fitness awareness among the masses, various advancements in sensor technology, and the growing prevalence of chronic diseases such as diabetes, cardiovascular conditions, and obesity represent some of the key factors driving the market.

Mobile health and fitness sensors are devices or sensors that are integrated into mobile devices, wearables, or fitness accessories to monitor and track various health and fitness parameters. These sensors use technology such as accelerometers, gyroscopes, heart rate monitors, GPS, and other biometric sensors to collect data related to an individual's physical activity, vital signs, sleep patterns, and more. They work in conjunction with dedicated mobile applications or health and fitness platforms to provide users with real-time data and insights about their health and fitness levels. Moreover, sensors with built-in GPS can track outdoor activities, such as running or cycling, providing accurate distance, pace, and route information. They can also assess stress levels by analyzing heart rate variability, providing individuals with insights into their stress levels and offering guidance for stress management. Owing to these properties, mobile health and fitness sensors have gained popularity as they offer convenience, accessibility, and the ability to track and manage various health and fitness aspects on the go.

Mobile Health and Fitness Sensor Market Trends:

The market is primarily driven by increasing health and fitness awareness among the masses. Mobile health and fitness sensors provide a convenient way to monitor and track various health metrics, enabling users to take proactive steps towards maintaining a healthy lifestyle. In addition, various advancements in sensor technology, miniaturization, and connectivity have made it possible to integrate sensors into mobile devices, wearables, and fitness accessories. These advancements have enabled the development of portable and user-friendly health and fitness monitoring solutions that can track vital signs, activity levels, sleep patterns, and other relevant data, representing another major growth-inducing factor. Besides this, the market is also propelled by the rising prevalence of chronic diseases such as diabetes, cardiovascular conditions, and obesity as mobile health and fitness sensors offer a means to monitor and manage these conditions by providing real-time data on vital signs, glucose levels, physical activity, and more. Moreover, the expanding fitness and sports industry is also contributing to market growth. Mobile health and fitness sensors are widely adopted by athletes, fitness enthusiasts, and sports teams as they provide valuable insights into performance, training progress, and injury prevention. Furthermore, the escalating demand for personalized healthcare and the rising disposable incomes of consumers are other factors creating a favorable market outlook across the globe.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global mobile health and fitness sensor market, along with forecasts at the global, regional, and country levels from 2023-2028. Our report has categorized the market based on product and application.

Product Insights:

Temperature Sensor

Pressure Sensor

Speed Sensor

Level and Position Sensor

Gas Sensor

Others

The report has provided a detailed breakup and analysis of the mobile health and fitness sensor market based on the product. This includes temperature, pressure, speed, level and position, gas, and other sensors. According to the report, speed sensor represented the largest segment.

Application Insights:

Medical

Sports

Others

A detailed breakup and analysis of the mobile health and fitness sensor market based

on the application has also been provided in the report. This includes medical, sports, and others. According to the report, medical accounted for the largest market share.

Regional Insights:

North America

United States

Canada

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, North America was the largest market for mobile health and fitness sensor. Some of the factors driving the North America mobile health and fitness sensor market included the growing prevalence of chronic diseases, various technological advancements, and the rising health consciousness among the masses.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global mobile health and fitness sensor market. Detailed profiles of all major

companies have been provided. Some of the companies covered include AgaMatrix Inc. (WaveForm Diabetes), Analog Devices Inc., Arkray Healthcare Private Limited (Arkray Inc.), Beijing Choice Electronic Technology Co. Ltd, Dexcom Inc., Fujitsu Limited, i-SENS Inc., and Omron Corporation. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global mobile health and fitness sensor market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global mobile health and fitness sensor market?

What is the impact of each driver, restraint, and opportunity on the global mobile health and fitness sensor market?

What are the key regional markets?

Which countries represent the most attractive mobile health and fitness sensor market?

What is the breakup of the market based on the product?

Which is the most attractive product in the mobile health and fitness sensor market?

What is the breakup of the market based on the application?

Which is the most attractive application in the mobile health and fitness sensor market?

What is the competitive structure of the global mobile health and fitness sensor market?

Who are the key players/companies in the global mobile health and fitness sensor market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL MOBILE HEALTH AND FITNESS SENSOR MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

- 6.1 Temperature Sensor
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Pressure Sensor
 - 6.2.1 Market Trends

- 6.2.2 Market Forecast
- 6.3 Speed Sensor
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Level and Position Sensor
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Gas Sensor
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
- 6.6 Others
 - 6.6.1 Market Trends
 - 6.6.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 Medical
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Sports
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Others
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast

8 MARKET BREAKUP BY REGION

- 8.1 North America
 - 8.1.1 United States
 - 8.1.1.1 Market Trends
 - 8.1.1.2 Market Forecast
 - 8.1.2 Canada
 - 8.1.2.1 Market Trends
 - 8.1.2.2 Market Forecast
- 8.2 Asia-Pacific
 - 8.2.1 China
 - 8.2.1.1 Market Trends
 - 8.2.1.2 Market Forecast

- 8.2.2 Japan
 - 8.2.2.1 Market Trends
 - 8.2.2.2 Market Forecast
- 8.2.3 India
 - 8.2.3.1 Market Trends
 - 8.2.3.2 Market Forecast
- 8.2.4 South Korea
 - 8.2.4.1 Market Trends
 - 8.2.4.2 Market Forecast
- 8.2.5 Australia
 - 8.2.5.1 Market Trends
 - 8.2.5.2 Market Forecast
- 8.2.6 Indonesia
 - 8.2.6.1 Market Trends
 - 8.2.6.2 Market Forecast
- 8.2.7 Others
 - 8.2.7.1 Market Trends
 - 8.2.7.2 Market Forecast
- 8.3 Europe
 - 8.3.1 Germany
 - 8.3.1.1 Market Trends
 - 8.3.1.2 Market Forecast
 - 8.3.2 France
 - 8.3.2.1 Market Trends
 - 8.3.2.2 Market Forecast
 - 8.3.3 United Kingdom
 - 8.3.3.1 Market Trends
 - 8.3.3.2 Market Forecast
 - 8.3.4 Italy
 - 8.3.4.1 Market Trends
 - 8.3.4.2 Market Forecast
 - 8.3.5 Spain
 - 8.3.5.1 Market Trends
 - 8.3.5.2 Market Forecast
 - 8.3.6 Russia
 - 8.3.6.1 Market Trends
 - 8.3.6.2 Market Forecast
 - 8.3.7 Others
 - 8.3.7.1 Market Trends

8.3.7.2 Market Forecast

8.4 Latin America

8.4.1 Brazil

8.4.1.1 Market Trends

8.4.1.2 Market Forecast

8.4.2 Mexico

8.4.2.1 Market Trends

8.4.2.2 Market Forecast

8.4.3 Others

8.4.3.1 Market Trends

8.4.3.2 Market Forecast

8.5 Middle East and Africa

8.5.1 Market Trends

8.5.2 Market Breakup by Country

8.5.3 Market Forecast

9 DRIVERS, RESTRAINTS, AND OPPORTUNITIES

9.1 Overview

9.2 Drivers

9.3 Restraints

9.4 Opportunities

10 VALUE CHAIN ANALYSIS

11 PORTERS FIVE FORCES ANALYSIS

11.1 Overview

11.2 Bargaining Power of Buyers

11.3 Bargaining Power of Suppliers

11.4 Degree of Competition

11.5 Threat of New Entrants

11.6 Threat of Substitutes

12 PRICE ANALYSIS

13 COMPETITIVE LANDSCAPE

13.1 Market Structure

13.2 Key Players

13.3 Profiles of Key Players

13.3.1 AgaMatrix Inc. (WaveForm Diabetes)

13.3.1.1 Company Overview

13.3.1.2 Product Portfolio

13.3.2 Analog Devices Inc.

13.3.2.1 Company Overview

13.3.2.2 Product Portfolio

13.3.2.3 Financials

13.3.2.4 SWOT Analysis

13.3.3 Arkray Healthcare Private Limited (Arkray Inc.)

13.3.3.1 Company Overview

13.3.3.2 Product Portfolio

13.3.4 Beijing Choice Electronic Technology Co. Ltd.

13.3.4.1 Company Overview

13.3.4.2 Product Portfolio

13.3.5 Dexcom Inc.

13.3.5.1 Company Overview

13.3.5.2 Product Portfolio

13.3.5.3 Financials

13.3.5.4 SWOT Analysis

13.3.6 Fujitsu Limited

13.3.6.1 Company Overview

13.3.6.2 Product Portfolio

13.3.6.3 Financials

13.3.6.4 SWOT Analysis

13.3.7 i-SENS Inc.

13.3.7.1 Company Overview

13.3.7.2 Product Portfolio

13.3.7.3 Financials

13.3.8 Omron Corporation

13.3.8.1 Company Overview

13.3.8.2 Product Portfolio

13.3.8.3 Financials

13.3.8.4 SWOT Analysis

Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

List Of Tables

LIST OF TABLES

Table 1: Global: Mobile Health and Fitness Sensor Market: Key Industry Highlights, 2022 & 2028

Table 2: Global: Mobile Health and Fitness Sensor Market Forecast: Breakup by Product (in Million US\$), 2023-2028

Table 3: Global: Mobile Health and Fitness Sensor Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: Mobile Health and Fitness Sensor Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 5: Global: Mobile Health and Fitness Sensor Market: Competitive Structure

Table 6: Global: Mobile Health and Fitness Sensor Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Mobile Health and Fitness Sensor Market: Major Drivers and Challenges

Figure 2: Global: Mobile Health and Fitness Sensor Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Mobile Health and Fitness Sensor Market: Breakup by Product (in %), 2022

Figure 5: Global: Mobile Health and Fitness Sensor Market: Breakup by Application (in %), 2022

Figure 6: Global: Mobile Health and Fitness Sensor Market: Breakup by Region (in %), 2022

Figure 7: Global: Mobile Health and Fitness Sensor (Temperature Sensor) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 8: Global: Mobile Health and Fitness Sensor (Temperature Sensor) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 9: Global: Mobile Health and Fitness Sensor (Pressure Sensor) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 10: Global: Mobile Health and Fitness Sensor (Pressure Sensor) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: Mobile Health and Fitness Sensor (Speed Sensor) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 12: Global: Mobile Health and Fitness Sensor (Speed Sensor) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: Mobile Health and Fitness Sensor (Level and Position Sensor) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: Mobile Health and Fitness Sensor (Level and Position Sensor) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Mobile Health and Fitness Sensor (Gas Sensor) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Mobile Health and Fitness Sensor (Gas Sensor) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: Mobile Health and Fitness Sensor (Other Products) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: Mobile Health and Fitness Sensor (Other Products) Market Forecast:

Sales Value (in Million US\$), 2023-2028

Figure 19: Global: Mobile Health and Fitness Sensor (Medical) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Global: Mobile Health and Fitness Sensor (Medical) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Global: Mobile Health and Fitness Sensor (Sports) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Global: Mobile Health and Fitness Sensor (Sports) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Global: Mobile Health and Fitness Sensor (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: Mobile Health and Fitness Sensor (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: North America: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: North America: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: United States: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: United States: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: Canada: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: Canada: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Asia-Pacific: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Asia-Pacific: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: China: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: China: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Japan: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Japan: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: India: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: India: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: South Korea: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: South Korea: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: Australia: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: Australia: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: Indonesia: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: Indonesia: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: Others: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: Others: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: Europe: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: Europe: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Germany: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Germany: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: France: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: France: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: United Kingdom: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: United Kingdom: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: Italy: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: Italy: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: Spain: Mobile Health and Fitness Sensor Market: Sales Value (in Million

US\$), 2017 & 2022

Figure 58: Spain: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Russia: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 60: Russia: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Others: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Others: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Latin America: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Latin America: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 65: Brazil: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 66: Brazil: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 67: Mexico: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 68: Mexico: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 69: Others: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 70: Others: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 71: Middle East and Africa: Mobile Health and Fitness Sensor Market: Sales Value (in Million US\$), 2017 & 2022

Figure 72: Middle East and Africa: Mobile Health and Fitness Sensor Market: Breakup by Country (in %), 2022

Figure 73: Middle East and Africa: Mobile Health and Fitness Sensor Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Global: Mobile Health and Fitness Sensor Industry: Drivers, Restraints, and Opportunities

Figure 75: Global: Mobile Health and Fitness Sensor Industry: Value Chain Analysis

Figure 76: Global: Mobile Health and Fitness Sensor Industry: Porter's Five Forces Analysis

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