

Artificial Organs Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/A3194EBC577EN.html>

Date: January 2023

Pages: 112

Price: US\$ 2,499.00 (Single User License)

ID: A3194EBC577EN

Abstracts

The global artificial organs market size reached US\$ 18.9 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 31.2 Billion by 2028, exhibiting a growth rate (CAGR) of 8.5% during 2023-2028.

Artificial organs are engineered devices implanted in a human body to replicate the functions of a healthy organ or perform a specific function. They are composed of plastic seeded with stem cells from the transplant recipient. Due to this, the immune system of the body does not reject the artificial organ. They do not require continuous tethering to a power supply or any other stationary resource to keep patients with serious organ failure alive for years.

The global artificial organs market is primarily driven by the increasing number of people suffering from organ failures, especially the aging population, due to severe health conditions, such as diabetes, heart disorders, and chronic kidney diseases. The frequent occurrence of road accidents and injuries leading to amputations have also increased the demand for artificial organs. Besides this, the growing public awareness about advancements in medical technology and improvements in the existing healthcare infrastructure has led to the development of advanced artificial support systems. Moreover, the introduction of 3D bioprinting and the integration of artificial intelligence (AI) in the production of artificial devices are providing a positive outlook to the market. On the other hand, the high implantation cost and limited surgical expertise in most regions are expected to restrain the market growth. However, the unavailability and shortage of organ donors at the time of requirement have encouraged the development of artificial organ technology across the globe.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global artificial organs market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on type.

Breakup by Type:

- Artificial Kidney
- Artificial Heart
- Artificial Pancreas
- Cochlear Implants
- Others

Amongst these, artificial kidneys represent the largest product type.

Regional Insights:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

On a regional basis, North America exhibits a clear dominance in the market.

Competitive Landscape:

The competitive landscape of the market has also been analyzed, with some of the key players being Abiomed Inc., Edwards Lifesciences Corp, HeartWare International, Inc., Cochlear Limited, and Boston Scientific Corporation.

This report provides a deep insight into the global artificial organs market, covering all its essential aspects. This ranges from macro-overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the artificial organs industry in any manner.

Key Questions Answered in This Report

1. What was the size of the global artificial organs market in 2022?
2. What is the expected growth rate of the global artificial organs market during 2023-2028?
3. What are the key factors driving the global artificial organs market?
4. What has been the impact of COVID-19 on the global artificial organs market?
5. What is the breakup of the global artificial organs market based on the type?
6. What are the key regions in the global artificial organs market?
7. Who are the key players/companies in the global artificial organs 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 ARTIFICIAL ORGANS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Type
- 5.5 Market Breakup by Region
- 5.6 Market Forecast
- 5.7 SWOT Analysis
 - 5.7.1 Overview
 - 5.7.2 Strengths
 - 5.7.3 Weaknesses
 - 5.7.4 Opportunities
 - 5.7.5 Threats
- 5.8 Value Chain Analysis
 - 5.8.1 Overview

- 5.8.2 Research and Development
- 5.8.3 Raw Material Procurement
- 5.8.4 Manufacturing
- 5.8.5 Marketing
- 5.8.6 Distribution
- 5.8.7 End-Use
- 5.9 Porters Five Forces Analysis
 - 5.9.1 Overview
 - 5.9.2 Bargaining Power of Buyers
 - 5.9.3 Bargaining Power of Suppliers
 - 5.9.4 Degree of Competition
 - 5.9.5 Threat of New Entrants
 - 5.9.6 Threat of Substitutes

6 MARKET BREAKUP BY TYPE

- 6.1 Artificial Kidney
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Artificial Heart
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Artificial Pancreas
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Cochlear Implants
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Others
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast

7 MARKET BREAKUP BY REGION

- 7.1 North America
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Europe
 - 7.2.1 Market Trends

- 7.2.2 Market Forecast
- 7.3 Asia Pacific
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Middle East and Africa
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Latin America
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 COMPETITIVE LANDSCAPE

- 8.1 Market Structure
- 8.2 Key Players
- 8.3 Profiles of Key Players
 - 8.3.1 Abiomed, Inc.
 - 8.3.1.1 Company Overview
 - 8.3.1.2 Description
 - 8.3.1.3 Product Portfolio
 - 8.3.1.4 Financials
 - 8.3.1.5 SWOT Analysis
 - 8.3.2 HeartWare International, Inc.
 - 8.3.2.1 Company Overview
 - 8.3.2.2 Description
 - 8.3.2.3 Product Portfolio
 - 8.3.2.4 Financials
 - 8.3.2.5 SWOT Analysis
 - 8.3.3 Edwards Lifesciences Corp
 - 8.3.3.1 Company Overview
 - 8.3.3.2 Description
 - 8.3.3.3 Product Portfolio
 - 8.3.3.4 Financials
 - 8.3.3.5 SWOT Analysis
 - 8.3.4 Boston Scientific Corporation
 - 8.3.4.1 Company Overview
 - 8.3.4.2 Description
 - 8.3.4.3 Product Portfolio
 - 8.3.4.4 Financials

- 8.3.4.5 SWOT Analysis
- 8.3.5 Cochlear Limited
 - 8.3.5.1 Company Overview
 - 8.3.5.2 Description
 - 8.3.5.3 Product Portfolio
 - 8.3.5.4 Financials
 - 8.3.5.5 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Artificial Organs Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Artificial Organs Market Forecast: Breakup by Type (in Million US\$), 2023-2028

Table 3: Global: Artificial Organs Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 4: Global: Artificial Organs Market Structure

Table 5: Global: Artificial Organs Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Artificial Organs Market: Major Drivers and Challenges

Figure 2: Global: Artificial Organs Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Artificial Organs Market: Breakup by Type (in %), 2022

Figure 4: Global: Artificial Organs Market: Breakup by Region (in %), 2022

Figure 5: Global: Artificial Organs Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 6: Global: Artificial Organs Industry: SWOT Analysis

Figure 7: Global: Artificial Organs Industry: Value Chain Analysis

Figure 8: Global: Artificial Organs Industry: Porter's Five Forces Analysis

Figure 9: Global: Artificial Organs (Artificial Kidney) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 10: Global: Artificial Organs (Artificial Kidney) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: Artificial Organs (Artificial Heart) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 12: Global: Artificial Organs (Artificial Heart) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: Artificial Organs (Artificial Pancreas) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: Artificial Organs (Artificial Pancreas) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Artificial Organs (Cochlear Implants) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Artificial Organs (Cochlear Implants) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: Artificial Organs (Other Types) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: Artificial Organs (Other Types) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: North America: Artificial Organs Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: North America: Artificial Organs Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Europe: Artificial Organs Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Europe: Artificial Organs Market Forecast: Sales Value (in Million US\$),

2023-2028

Figure 23: Asia Pacific: Artificial Organs Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Asia Pacific: Artificial Organs Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Middle East and Africa: Artificial Organs Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Middle East and Africa: Artificial Organs Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Latin America: Artificial Organs Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Latin America: Artificial Organs Market Forecast: Sales Value (in Million US\$), 2023-2028

I would like to order

Product name: Artificial Organs Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/A3194EBC577EN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A3194EBC577EN.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

