

Human Enhancement Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

<https://marketpublishers.com/r/H3D587F5E162EN.html>

Date: October 2022

Pages: 143

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

ID: H3D587F5E162EN

Abstracts

The global human enhancement market size reached US\$ 84.6 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 190.2 Billion by 2027, exhibiting a growth rate (CAGR) of 14.4% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic. These insights are included in the report as a major market contributor.

Human enhancement refers to a natural, artificial, and technological alteration of the body to enhance cognitive and physical capabilities and functions of individuals. It is undertaken using drugs, hormones, implants, genetic engineering to dietary supplements and cosmetic surgeries for self-improvement. Nowadays, advances in human enhancement technologies provide resistance against diseases like malaria, tuberculosis, and Lyme. They also allow up-to-date diagnostic and advancements in genome editing technologies, such as clustered regularly interspaced short palindromic repeats (CRISPR) for a functional cure of human immunodeficiency virus (HIV) infection.

Human Enhancement Market Trends:

The growing prevalence of acute and chronic diseases, in confluence with the increasing access to healthcare services, represents one of the key factors positively influencing the demand for human enhancement technologies around the world. These technologies mainly include nanotechnology, information technology (IT), and cognitive science, which assist in upgrading biomedical interventions as well as diagnose and treat various diseases. They also comprise active control systems that help create limb prosthetics with characteristics that exceed human performance. Moreover, emerging

technologies like genetic engineering, neuronal implants, brain-computer interfaces, and three-dimensional (3D) bioprinting are contributing to the market growth. Apart from this, due to rising geopolitical tension between countries, security agencies of several countries are investing in research programs to improve battlefield performance. For instance, the ethics committee in the French Army approved the research of human enhancement technologies for developing enhanced soldiers. This research also involves the utilization of advanced systems, ranging from drugs to exoskeletons, to enhance military personnel in targeting decisions. These factors are anticipated to drive the adoption of human enhancement technologies and influence the market positively in the coming years.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global human enhancement market report, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on product, device type and end user.

Breakup by Product:

- Exoskeleton
- Smart Devices
- Medical Devices
- Implants
- Others

Breakup by Device Type:

- Body Worn
- Non-Body Worn

Breakup by End User:

- Healthcare
- Defense
- Information Technology
- Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being BrainGate, B-Temia Inc, Ekso Bionics, Google LLC, Magic Leap Inc, Raytheon Technologies Corporation, ReWalk Robotics Ltd, Samsung Electronics Co. Ltd., Second Sight Medical Products Inc. and Vuzix Corporation.

Key Questions Answered in This Report

1. What was the size of the global human enhancement market in 2021?
2. What is the expected growth rate of the global human enhancement market during 2022-2027?
3. What has been the impact of COVID-19 on the global human enhancement market?
4. What are the key factors driving the global human enhancement market?
5. What is the breakup of the global human enhancement market based on the product?
6. What is the breakup of the global human enhancement market based on the device

type?

7. What is the breakup of the global human enhancement market based on the end user?

8. What are the key regions in the global human enhancement market?

9. Who are the key players/companies in the global human enhancement 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 HUMAN ENHANCEMENT 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 Exoskeleton
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Smart Devices
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Medical Devices

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 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 DEVICE TYPE

- 7.1 Body Worn
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Non-Body Worn
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY END USER

- 8.1 Healthcare
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Defense
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Information Technology
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Others
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast

- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain

- 9.3.5.1 Market Trends
- 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 BrainGate

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.2 B-Temia Inc

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.3 Ekso Bionics

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.4 Google LLC

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.4.3 SWOT Analysis

14.3.5 Magic Leap Inc

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.6 Raytheon Technologies Corporation

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.6.3 Financials

14.3.6.4 SWOT Analysis

14.3.7 ReWalk Robotics Ltd

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

14.3.7.3 Financials

14.3.8 Samsung Electronics Co. Ltd.

14.3.8.1 Company Overview

14.3.8.2 Product Portfolio

14.3.8.3 Financials

14.3.8.4 SWOT Analysis

14.3.9 Second Sight Medical Products Inc.

14.3.9.1 Company Overview

14.3.9.2 Product Portfolio

14.3.9.3 Financials

14.3.10 Vuzix Corporation

14.3.10.1 Company Overview

14.3.10.2 Product Portfolio

14.3.10.3 Financials

List Of Tables

LIST OF TABLES

Table 1: Global: Human Enhancement Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Human Enhancement Market Forecast: Breakup by Product (in Million US\$), 2022-2027

Table 3: Global: Human Enhancement Market Forecast: Breakup by Device Type (in Million US\$), 2022-2027

Table 4: Global: Human Enhancement Market Forecast: Breakup by End User (in Million US\$), 2022-2027

Table 5: Global: Human Enhancement Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 6: Global: Human Enhancement Market: Competitive Structure

Table 7: Global: Human Enhancement Market: Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Human Enhancement Market: Major Drivers and Challenges
- Figure 2: Global: Human Enhancement Market: Sales Value (in Billion US\$), 2016-2021
- Figure 3: Global: Human Enhancement Market Forecast: Sales Value (in Billion US\$), 2022-2027
- Figure 4: Global: Human Enhancement Market: Breakup by Product (in %), 2021
- Figure 5: Global: Human Enhancement Market: Breakup by Device Type (in %), 2021
- Figure 6: Global: Human Enhancement Market: Breakup by End User (in %), 2021
- Figure 7: Global: Human Enhancement Market: Breakup by Region (in %), 2021
- Figure 8: Global: Human Enhancement (Exoskeleton) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 9: Global: Human Enhancement (Exoskeleton) Market Forecast: Sales Value (in Million US\$), 2022-2027
- Figure 10: Global: Human Enhancement (Smart Devices) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 11: Global: Human Enhancement (Smart Devices) Market Forecast: Sales Value (in Million US\$), 2022-2027
- Figure 12: Global: Human Enhancement (Medical Devices) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 13: Global: Human Enhancement (Medical Devices) Market Forecast: Sales Value (in Million US\$), 2022-2027
- Figure 14: Global: Human Enhancement (Implants) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 15: Global: Human Enhancement (Implants) Market Forecast: Sales Value (in Million US\$), 2022-2027
- Figure 16: Global: Human Enhancement (Other Products) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 17: Global: Human Enhancement (Other Products) Market Forecast: Sales Value (in Million US\$), 2022-2027
- Figure 18: Global: Human Enhancement (Body Worn) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 19: Global: Human Enhancement (Body Worn) Market Forecast: Sales Value (in Million US\$), 2022-2027
- Figure 20: Global: Human Enhancement (Non-Body Worn) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 21: Global: Human Enhancement (Non-Body Worn) Market Forecast: Sales

Value (in Million US\$), 2022-2027

Figure 22: Global: Human Enhancement (Healthcare) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 23: Global: Human Enhancement (Healthcare) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 24: Global: Human Enhancement (Defense) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 25: Global: Human Enhancement (Defense) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 26: Global: Human Enhancement (Information Technology) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 27: Global: Human Enhancement (Information Technology) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 28: Global: Human Enhancement (Other End Users) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 29: Global: Human Enhancement (Other End Users) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 30: North America: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 31: North America: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 32: United States: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 33: United States: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 34: Canada: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 35: Canada: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 36: Asia-Pacific: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 37: Asia-Pacific: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 38: China: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 39: China: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 40: Japan: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 41: Japan: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 42: India: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 43: India: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 44: South Korea: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 45: South Korea: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 46: Australia: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 47: Australia: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 48: Indonesia: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 49: Indonesia: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 50: Others: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 51: Others: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 52: Europe: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 53: Europe: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 54: Germany: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 55: Germany: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 56: France: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 57: France: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 58: United Kingdom: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 59: United Kingdom: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 60: Italy: Human Enhancement Market: Sales Value (in Million US\$), 2016 &

2021

Figure 61: Italy: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 62: Spain: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 63: Spain: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 64: Russia: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 65: Russia: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 66: Others: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 67: Others: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 68: Latin America: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 69: Latin America: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 70: Brazil: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 71: Brazil: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 72: Mexico: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 73: Mexico: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 74: Others: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 75: Others: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 76: Middle East and Africa: Human Enhancement Market: Sales Value (in Million US\$), 2016 & 2021

Figure 77: Middle East and Africa: Human Enhancement Market: Breakup by Country (in %), 2021

Figure 78: Middle East and Africa: Human Enhancement Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 79: Global: Human Enhancement Industry: SWOT Analysis

Figure 80: Global: Human Enhancement Industry: Value Chain Analysis

Figure 81: Global: Human Enhancement Industry: Porter's Five Forces Analysis

I would like to order

Product name: Human Enhancement Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

Product link: <https://marketpublishers.com/r/H3D587F5E162EN.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/H3D587F5E162EN.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

