

Data Center Construction Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/DC3FE2CB2688EN.html>

Date: February 2023

Pages: 146

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

ID: DC3FE2CB2688EN

Abstracts

The global data center construction market size reached US\$ 51.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 80.7 Billion by 2028, exhibiting a growth rate (CAGR) of 8.7% during 2023-2028.

Data center construction refers to the collective process of physically constructing a data center facility. The primary focus is on designing and building a data center with the required capacity, disaster tolerance systems and efficient design to perform all the necessary functions. The infrastructure usually consists of backup power supplies, data communication connections, security devices and air conditioning and fire suppression systems. This ensures that all the resources are optimally utilized, and all the environmental factors are taken into consideration.

Significant growth in the IT industry is one of the key factors creating a positive outlook for the market. The rising penetration of connected devices and convenient access to the Internet have increased the demand for data storage systems across the globe. Furthermore, widespread utilization of big data analytics, cloud-based systems and the Internet of Things (IoT) for computing videos, audio and other formats of data is also driving the market growth. Large data centers are increasingly being constructed across various sectors for enhancing computing ability, memory, networking infrastructure and storage resources. Additionally, increasing emphasis on the construction of green data centers is acting as another growth-inducing factor. Green data centers use low-emission building materials that aid in creating sustainable ecosystems and ensure efficient waste recycling. Other factors, including the increasing adoption of liquid cooling technology and direct-to-chip cooling server racks to prevent overheating in data centers, along with extensive infrastructural developments, are expected to drive the

market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global data center construction market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on construction type, data center type, tier standards and vertical.

Breakup by Construction Type:

Electrical Construction

UPS

Rack Power Distribution Unit (PDU)

Generators

Transfer Switches and Switchgears

Others

Mechanical Construction

Cooling Systems

Racks

Others

Breakup by Data Center Type:

Mid-Size Data Centers

Enterprise Data Centers

Large Data Centers

Breakup by Tier Standards:

Tier I & II

Tier III

Tier IV

Breakup by Vertical:

Public Sector

Oil & Energy

Media & Entertainment

IT & Telecommunication

Banking, Financial Services and Insurance (BFSI)

Healthcare

Retail

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

Turkey

Saudi Arabia

Others

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being AECOM, DPR construction Inc., Eaton Corporation Inc., Fujitsu Limited,

Holder Construction Company, Legrand SA, Rittal GmbH & Co. KG, Schneider Electric SE, Tripp Lite, Turner Construction and Vertiv Group Corporation.

Key Questions Answered in This Report

1. What was the size of the global data center construction market in 2022?
2. What is the expected growth rate of the global data center construction market during 2023-2028?
3. What are the key factors driving the global data center construction market?
4. What has been the impact of COVID-19 on the global data center construction market?
5. What is the breakup of the global data center construction market based on the construction type?
6. What is the breakup of the global data center construction market based on the data center type?
7. What is the breakup of the global data center construction market based on the tier standards?
8. What is the breakup of the global data center construction market based on the vertical?
9. What are the key regions in the global data center construction market?
10. Who are the key players/companies in the global data center construction 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 DATA CENTER CONSTRUCTION MARKET

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

6 MARKET BREAKUP BY CONSTRUCTION TYPE

- 6.1 Electrical Construction
 - 6.1.1 Market Trends
 - 6.1.2 Market Breakup by Component Type
 - 6.1.3 Market Forecast
- 6.2 Mechanical Construction
 - 6.2.1 Market Trends
 - 6.2.2 Market Breakup by Component Type

6.2.3 Market Forecast

7 MARKET BREAKUP BY DATA CENTER TYPE

7.1 Mid-Size Data Centers

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Enterprise Data Centers

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Large Data Centers

7.3.1 Market Trends

7.3.2 Market Forecast

8 MARKET BREAKUP BY TIER STANDARDS

8.1 Tier I & II

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Tier III

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Tier IV

8.3.1 Market Trends

8.3.2 Market Forecast

9 MARKET BREAKUP BY VERTICAL

9.1 Public Sector

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Oil & Energy

9.2.1 Market Trends

9.2.2 Market Forecast

9.3 Media & Entertainment

9.3.1 Market Trends

9.3.2 Market Forecast

9.4 IT & Telecommunication

9.4.1 Market Trends

9.4.2 Market Forecast

9.5 Banking, Financial Services and Insurance (BFSI)

9.5.1 Market Trends

9.5.2 Market Forecast

9.6 Healthcare

9.6.1 Market Trends

9.6.2 Market Forecast

9.7 Retail

9.7.1 Market Trends

9.7.2 Market Forecast

9.8 Others

9.8.1 Market Trends

9.8.2 Market Forecast

10 MARKET BREAKUP BY REGION

10.1 North America

10.1.1 United States

10.1.1.1 Market Trends

10.1.1.2 Market Forecast

10.1.2 Canada

10.1.2.1 Market Trends

10.1.2.2 Market Forecast

10.2 Asia Pacific

10.2.1 China

10.2.1.1 Market Trends

10.2.1.2 Market Forecast

10.2.2 Japan

10.2.2.1 Market Trends

10.2.2.2 Market Forecast

10.2.3 India

10.2.3.1 Market Trends

10.2.3.2 Market Forecast

10.2.4 South Korea

10.2.4.1 Market Trends

10.2.4.2 Market Forecast

10.2.5 Australia

10.2.5.1 Market Trends

10.2.5.2 Market Forecast

- 10.2.6 Indonesia
 - 10.2.6.1 Market Trends
 - 10.2.6.2 Market Forecast
- 10.2.7 Others
 - 10.2.7.1 Market Trends
 - 10.2.7.2 Market Forecast
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.1.1 Market Trends
 - 10.3.1.2 Market Forecast
 - 10.3.2 France
 - 10.3.2.1 Market Trends
 - 10.3.2.2 Market Forecast
 - 10.3.3 United Kingdom
 - 10.3.3.1 Market Trends
 - 10.3.3.2 Market Forecast
 - 10.3.4 Italy
 - 10.3.4.1 Market Trends
 - 10.3.4.2 Market Forecast
 - 10.3.5 Spain
 - 10.3.5.1 Market Trends
 - 10.3.5.2 Market Forecast
 - 10.3.6 Russia
 - 10.3.6.1 Market Trends
 - 10.3.6.2 Market Forecast
 - 10.3.7 Others
 - 10.3.7.1 Market Trends
 - 10.3.7.2 Market Forecast
- 10.4 Latin America
 - 10.4.1 Brazil
 - 10.4.1.1 Market Trends
 - 10.4.1.2 Market Forecast
 - 10.4.2 Mexico
 - 10.4.2.1 Market Trends
 - 10.4.2.2 Market Forecast
 - 10.4.3 Others
 - 10.4.3.1 Market Trends
 - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa

10.5.1 Turkey

10.5.1.1 Market Trends

10.5.1.2 Market Forecast

10.5.2 Saudi Arabia

10.5.2.1 Market Trends

10.5.2.2 Market Forecast

10.5.3 Others

10.5.3.1 Market Trends

10.5.3.2 Market Forecast

11 SWOT ANALYSIS

11.1 Overview

11.2 Strengths

11.3 Weaknesses

11.4 Opportunities

11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

13.1 Overview

13.2 Bargaining Power of Buyers

13.3 Bargaining Power of Suppliers

13.4 Degree of Competition

13.5 Threat of New Entrants

13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

15.1 Market Structure

15.2 Key Players

15.3 Profiles of Key Players

15.3.1 AECOM

15.3.1.1 Company Overview

15.3.1.2 Product Portfolio

- 15.3.1.3 Financials
- 15.3.1.4 SWOT Analysis
- 15.3.2 DPR construction Inc.
 - 15.3.2.1 Company Overview
 - 15.3.2.2 Product Portfolio
 - 15.3.2.3 SWOT Analysis
- 15.3.3 Eaton Corporation Inc.
 - 15.3.3.1 Company Overview
 - 15.3.3.2 Product Portfolio
- 15.3.4 Fujitsu Limited
 - 15.3.4.1 Company Overview
 - 15.3.4.2 Product Portfolio
- 15.3.5 Holder Construction Company
 - 15.3.5.1 Company Overview
 - 15.3.5.2 Product Portfolio
- 15.3.6 Legrand SA
 - 15.3.6.1 Company Overview
 - 15.3.6.2 Product Portfolio
- 15.3.7 Rittal GmbH & Co. KG
 - 15.3.7.1 Company Overview
 - 15.3.7.2 Product Portfolio
- 15.3.8 Schneider Electric SE
 - 15.3.8.1 Company Overview
 - 15.3.8.2 Product Portfolio
 - 15.3.8.3 Financials
- 15.3.9 Tripp Lite
 - 15.3.9.1 Company Overview
 - 15.3.9.2 Product Portfolio
- 15.3.10 Turner Construction
 - 15.3.10.1 Company Overview
 - 15.3.10.2 Product Portfolio
- 15.3.11 Vertiv Group Corporation
 - 15.3.11.1 Company Overview
 - 15.3.11.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Data Center Construction Market: Key Industry Highlights, 2022 and 2028

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

Table 3: Global: Data Center Construction Market Forecast: Breakup by Data Center Type (in Million US\$), 2023-2028

Table 4: Global: Data Center Construction Market Forecast: Breakup by Tier Standards (in Million US\$), 2023-2028

Table 5: Global: Data Center Construction Market Forecast: Breakup by Vertical (in Million US\$), 2023-2028

Table 6: Global: Data Center Construction Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 7: Global: Data Center Construction Market: Competitive Structure

Table 8: Global: Data Center Construction Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Data Center Construction Market: Major Drivers and Challenges

Figure 2: Global: Data Center Construction Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Data Center Construction Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Data Center Construction Market: Breakup by Construction Type (in %), 2022

Figure 5: Global: Data Center Construction Market: Breakup by Data Center Type (in %), 2022

Figure 6: Global: Data Center Construction Market: Breakup by Tier Standards (in %), 2022

Figure 7: Global: Data Center Construction Market: Breakup by Vertical (in %), 2022

Figure 8: Global: Data Center Construction Market: Breakup by Region (in %), 2022

Figure 9: Global: Data Center Construction (Electrical Construction) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 10: Global: Data Center Construction Market (Electrical Construction): Breakup by Component Type (in %), 2022

Figure 11: Global: Data Center Construction (Electrical Construction) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Data Center Construction (Mechanical Construction) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Data Center Construction Market (Mechanical Construction): Breakup by Component Type (in %), 2022

Figure 14: Global: Data Center Construction (Mechanical Construction) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Data Center Construction (Mid-Size Data Centers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Data Center Construction (Mid-Size Data Centers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: Data Center Construction (Enterprise Data Centers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: Data Center Construction (Enterprise Data Centers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: Global: Data Center Construction (Large Data Centers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Global: Data Center Construction (Large Data Centers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Global: Data Center Construction (Tier I & II) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Global: Data Center Construction (Tier I & II) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Global: Data Center Construction (Tier III) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: Data Center Construction (Tier III) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Global: Data Center Construction (Tier IV) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Global: Data Center Construction (Tier IV) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Global: Data Center Construction (Public Sector) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Global: Data Center Construction (Public Sector) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: Global: Data Center Construction (Oil & Energy) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: Global: Data Center Construction (Oil & Energy) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Global: Data Center Construction (Media & Entertainment) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Global: Data Center Construction (Media & Entertainment) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Global: Data Center Construction (IT & Telecommunication) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: Global: Data Center Construction (IT & Telecommunication) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Global: Data Center Construction (BFSI) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Global: Data Center Construction (BFSI) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Global: Data Center Construction (Healthcare) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Global: Data Center Construction (Healthcare) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: Global: Data Center Construction (Retail) Market: Sales Value (in Million

US\$), 2017 & 2022

Figure 40: Global: Data Center Construction (Retail) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: Global: Data Center Construction (Other Verticals) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: Global: Data Center Construction (Other Verticals) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: North America: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: North America: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: United States: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: United States: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: Canada: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: Canada: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Asia Pacific: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Asia Pacific: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: China: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: China: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: Japan: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: Japan: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: India: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: India: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: South Korea: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: South Korea: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Australia: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 60: Australia: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Indonesia: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Indonesia: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Others: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Others: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 65: Europe: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 66: Europe: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 67: Germany: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 68: Germany: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 69: France: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 70: France: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 71: United Kingdom: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 72: United Kingdom: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 73: Italy: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 74: Italy: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 75: Spain: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 76: Spain: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 77: Russia: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 78: Russia: Data Center Construction Market Forecast: Sales Value (in Million

US\$), 2023-2028

Figure 79: Others: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 80: Others: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 81: Latin America: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 82: Latin America: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 83: Brazil: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 84: Brazil: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 85: Mexico: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 86: Mexico: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 87: Others: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 88: Others: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 89: Middle East and Africa: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 90: Middle East and Africa: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 91: Turkey: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 92: Turkey: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 93: Saudi Arabia: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 94: Saudi Arabia: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 95: Others: Data Center Construction Market: Sales Value (in Million US\$), 2017 & 2022

Figure 96: Others: Data Center Construction Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 97: Global: Data Center Construction Industry: SWOT Analysis

Figure 98: Global: Data Center Construction Industry: Value Chain Analysis

Figure 99: Global: Data Center Construction Industry: Porter's Five Forces Analysis

I would like to order

Product name: Data Center Construction Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/DC3FE2CB2688EN.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/DC3FE2CB2688EN.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

