

Bridge Construction Market Report by Type (Beam Bridge, Truss Bridge, Arch Bridge, Suspension Bridge, Cable-stayed Bridge, and Others), Material (Steel, Concrete, Composite Materials), Application (Road and Highway, Railway), and Region 2024-2032

<https://marketpublishers.com/r/BC5DA1D7E8F8EN.html>

Date: April 2024

Pages: 135

Price: US\$ 3,899.00 (Single User License)

ID: BC5DA1D7E8F8EN

Abstracts

The global bridge construction market size reached US\$ 1,138.4 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 1,691.5 Billion by 2032, exhibiting a growth rate (CAGR) of 4.4% during 2024-2032.

Bridge construction refers to the process of building solid structures that span between supports and are designed to carry the loads. Some of the commonly used bridge construction methods include cast-in-situ, precast, balanced cantilever, span by span casting, incremental launching, arch, cable-stayed, and advanced shoring methods. The construction method employed depends on numerous factors, such as the scale of the bridge, the time allowed for construction, site accessibility, material costs, regularity of the span lengths, environmental factors, and engineering constraints. Nowadays, the demand for bridge construction is rapidly escalating across the globe since bridges are widely utilized for transportation purposes.

Bridge Construction Market Trends:

The rising road traffic and the increasing number of vehicles represent the primary factors driving the market growth. Besides this, the growing need for railway bridges due to the expansion of railway networks and the improving focus on public-private partnerships for transport infrastructure development are catalyzing the demand for bridge construction. Additionally, several favorable initiatives undertaken by the governing and non-governing agencies of various nations are positively influencing the market growth. For instance, the Global Infrastructure Hub initiative launched by G20

aims to enhance the delivery of resilient, sustainable, and inclusive infrastructure by collaborating with the public and private sectors. Furthermore, with recent technological advancements, the leading players are focusing on the development of innovative equipment and systems to facilitate faster and cost-efficient bridge construction. Along with this, the introduction of Geosynthetic Reinforced Soil–Integrated Bridge System (GRS–IBS) technology to minimize the bridge construction time and costs is propelling the market growth. Moreover, the expanding construction industry, rapid urbanization, strong economic growth, increasing investments in infrastructure development projects, and growing usage of precast concrete panels are some of the other factors creating a favorable market outlook.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global bridge construction market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type, material and application.

Breakup by Type:

- Beam Bridge
- Truss Bridge
- Arch Bridge
- Suspension Bridge
- Cable-stayed Bridge
- Others

Breakup by Material:

- Steel
- Concrete
- Composite Materials

Breakup by Application:

- Road and Highway
- Railway

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 AECOM, Balfour Beatty plc, Bouygues S.A., China Communications Construction Company Limited, China State Construction Engineering Corporation, Fluor Corporation, Kiewit Corporation, Samsung C&T Corporation, Strabag SE and Vinci SA.

Key Questions Answered in This Report

1. How big is the global bridge construction market?
2. What is the expected growth rate of the global bridge construction market during 2024-2032?
3. What are the key factors driving the global bridge construction market?
4. What has been the impact of COVID-19 on the global bridge construction market?

5. What is the breakup of the global bridge construction market based on the type?
6. What is the breakup of the global bridge construction market based on the application?
7. What are the key regions in the global bridge construction market?
8. Who are the key players/companies in the global bridge 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 BRIDGE CONSTRUCTION MARKET

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

6 MARKET BREAKUP BY TYPE

- 6.1 Beam Bridge
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Truss Bridge
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Arch Bridge

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Suspension Bridge
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Cable-stayed Bridge
 - 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 MATERIAL

- 7.1 Steel
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Concrete
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Composite Materials
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Road and Highway
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Railway
 - 8.2.1 Market Trends
 - 8.2.2 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 AECOM

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.1.4 SWOT Analysis

14.3.2 Balfour Beatty plc

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.2.3 Financials

14.3.2.4 SWOT Analysis

14.3.3 Bouygues S.A.

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.3.3 Financials

14.3.3.4 SWOT Analysis

14.3.4 China Communications Construction Company Limited

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.4.3 Financials

14.3.4.4 SWOT Analysis

14.3.5 China State Construction Engineering Corporation

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.5.3 Financials

14.3.5.4 SWOT Analysis

14.3.6 Fluor 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 Kiewit Corporation
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
- 14.3.8 Samsung C&T Corporation
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
- 14.3.9 Strabag SE
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis
- 14.3.10 Vinci SA
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Bridge Construction Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Bridge Construction Market Forecast: Breakup by Type (in Million US\$), 2024-2032

Table 3: Global: Bridge Construction Market Forecast: Breakup by Material (in Million US\$), 2024-2032

Table 4: Global: Bridge Construction Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 5: Global: Bridge Construction Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: Bridge Construction Market: Competitive Structure

Table 7: Global: Bridge Construction Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Bridge Construction Market: Major Drivers and Challenges

Figure 2: Global: Bridge Construction Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Bridge Construction Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Bridge Construction Market: Breakup by Type (in %), 2023

Figure 5: Global: Bridge Construction Market: Breakup by Material (in %), 2023

Figure 6: Global: Bridge Construction Market: Breakup by Application (in %), 2023

Figure 7: Global: Bridge Construction Market: Breakup by Region (in %), 2023

Figure 8: Global: Bridge Construction (Beam Bridge) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 9: Global: Bridge Construction (Beam Bridge) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 10: Global: Bridge Construction (Truss Bridge) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Bridge Construction (Truss Bridge) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Bridge Construction (Arch Bridge) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Bridge Construction (Arch Bridge) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Bridge Construction (Suspension Bridge) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Bridge Construction (Suspension Bridge) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Bridge Construction (Cable-stayed Bridge) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Bridge Construction (Cable-stayed Bridge) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Bridge Construction (Other Types) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Bridge Construction (Other Types) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: Global: Bridge Construction (Steel) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Bridge Construction (Steel) Market Forecast: Sales Value (in Million

US\$), 2024-2032

Figure 22: Global: Bridge Construction (Concrete) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: Bridge Construction (Concrete) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Bridge Construction (Composite Materials) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: Bridge Construction (Composite Materials) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Bridge Construction (Road and Highway) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: Bridge Construction (Road and Highway) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: Bridge Construction (Railway) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: Bridge Construction (Railway) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: North America: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: North America: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: United States: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: United States: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: Canada: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Canada: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: Asia-Pacific: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: Asia-Pacific: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: China: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: China: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: Japan: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: Japan: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: India: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: India: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: South Korea: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: South Korea: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: Australia: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: Australia: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: Indonesia: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: Indonesia: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: Others: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: Others: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: Europe: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: Europe: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: Germany: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: Germany: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: France: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: France: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: United Kingdom: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 59: United Kingdom: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: Italy: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: Italy: Bridge Construction Market Forecast: Sales Value (in Million US\$),

2024-2032

Figure 62: Spain: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: Spain: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: Russia: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: Russia: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: Others: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: Others: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 68: Latin America: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Latin America: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 70: Brazil: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Brazil: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 72: Mexico: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 73: Mexico: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 74: Others: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Others: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 76: Middle East and Africa: Bridge Construction Market: Sales Value (in Million US\$), 2018 & 2023

Figure 77: Middle East and Africa: Bridge Construction Market: Breakup by Country (in %), 2023

Figure 78: Middle East and Africa: Bridge Construction Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 79: Global: Bridge Construction Industry: SWOT Analysis

Figure 80: Global: Bridge Construction Industry: Value Chain Analysis

Figure 81: Global: Bridge Construction Industry: Porter's Five Forces Analysis

I would like to order

Product name: Bridge Construction Market Report by Type (Beam Bridge, Truss Bridge, Arch Bridge, Suspension Bridge, Cable-stayed Bridge, and Others), Material (Steel, Concrete, Composite Materials), Application (Road and Highway, Railway), and Region 2024-2032

Product link: <https://marketpublishers.com/r/BC5DA1D7E8F8EN.html>

Price: US\$ 3,899.00 (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/BC5DA1D7E8F8EN.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