

Telecom Tower Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global telecom tower market reached a volume of 4.47 Million Units in 2021. Looking forward, IMARC Group expects the market to reach a volume of 5.51 Million Units by 2027, exhibiting a CAGR of 3.50% 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.

A telecom tower refers to a freestanding mechanical signal processing structure that includes a receiver, antennae, and dish for performing wireless communication and data transfer operations. It is engineered in varying sizes across different geographical locations based on population density. Telecom tower aids in connecting electronic signals, enabling communication amongst consumers and mitigating saturation of electronic devices. On account of these properties, a telecom tower is extensively used for transmitting communication signals and supporting antennas of radio and television (TV) broadcasting and mobile networks. At present, it is commercially available in stealth, guyed, monopole, and lattice tower types that can be driven by various renewable and non-renewable fuels.

Telecom Tower Market Trends:

The global telecom tower market is primarily driven by the increasing demand for various cellular devices, including mobiles, televisions (TVs), and tablets, along with the rising need for high-speed connectivity and reliable communication network in rural and off-grid locations. Additionally, the sudden outbreak of coronavirus disease (COVID-19) pandemic and the consequent implementation of mandatory lockdowns have prompted the extensive uptake of several consumer electronics for performing multiple business-related operations, such as video conferencing and remote working. This, in turn,

supplemented the investments in long-term evolution-advanced (LTE-A) networks and the installation of telecom towers by governments of different nations for managing data traffic, which is acting as another growth-inducing factor. In line with this, the integration of the internet of things (IoT) solutions and cloud infrastructure with cellphone networks have facilitated the widespread adoption of telecom towers for delivering high-speed network services, which is propelling the market growth. Other factors, such as rapid digitization, the introduction of fourth and fifth-generation (4G/5G) LTE, and the frequent mergers and acquisitions (M&A) amongst mobile network operators (MNOs) for maintaining telecom towers, are creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global telecom tower market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on type of tower, fuel type, installation and ownership.

Breakup by Type of Tower:

- Lattice Tower
- Guyed Tower
- Monopole Towers
- Stealth Towers

Breakup by Fuel Type:

- Renewable
- Non-Renewable

Breakup by Installation:

- Rooftop
- Ground-Based

Breakup by Ownership:

- Operator-Owned
- Joint Venture
- Private-Owned

MNO Captive

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 American Tower Corporation, AT&T Inc, Cellnex Telecom S.A., China Tower Corporation Limited, Crown Castle, GTL Infrastructure Limited, Helios Towers plc, IHS Holding Limited, Indus Towers Limited (Bharti Airtel), SBA Communications Corporation, Telesites S.A.B de C.V. and Viom Networks.

Key Questions Answered in This Report:

How has the global telecom tower market performed so far and how will it perform in the coming years?

- What has been the impact of COVID-19 on the global telecom tower market?
- What are the key regional markets?
- What is the breakup of the market based on the type of tower?
- What is the breakup of the market based on the fuel type?
- What is the breakup of the market based on the installation?
- What is the breakup of the market based on the ownership?
- What are the various stages in the value chain of the industry?
- What are the key driving factors and challenges in the industry?
- What is the structure of the global telecom tower market and who are the key players?
- What is the degree of competition in the industry?

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