

GEO Satellite Market In 2029

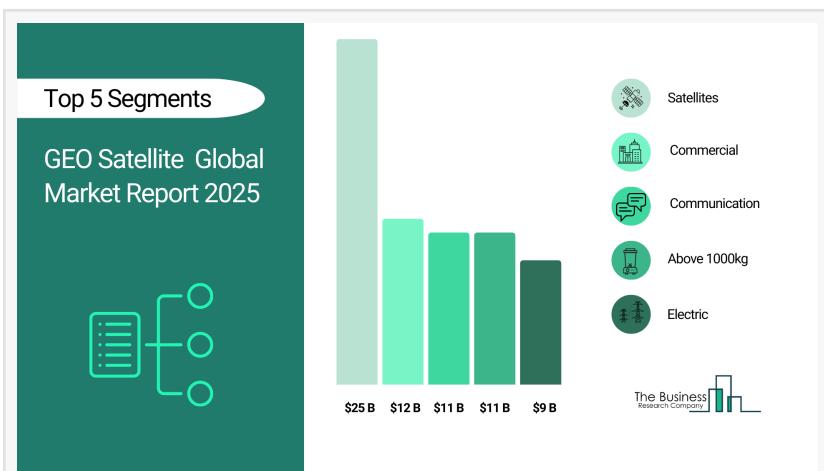
The Business Research Company's GEO Satellite Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

LONDON, GREATER LONDON, UNITED KINGDOM, December 19, 2025 /EINPresswire.com/ -- "[GEO Satellite Market](#) to Surpass \$21 billion in 2029. In comparison, the Satellites market, which is considered as its parent market, is expected to be approximately \$31 billion by 2029, with GEO Satellite to represent around 54% of the parent market. Within the broader Aerospace & Defense industry, which is expected to be \$1,102 billion by 2029, the GEO Satellite market is estimated to account for nearly 2% of the total market value.

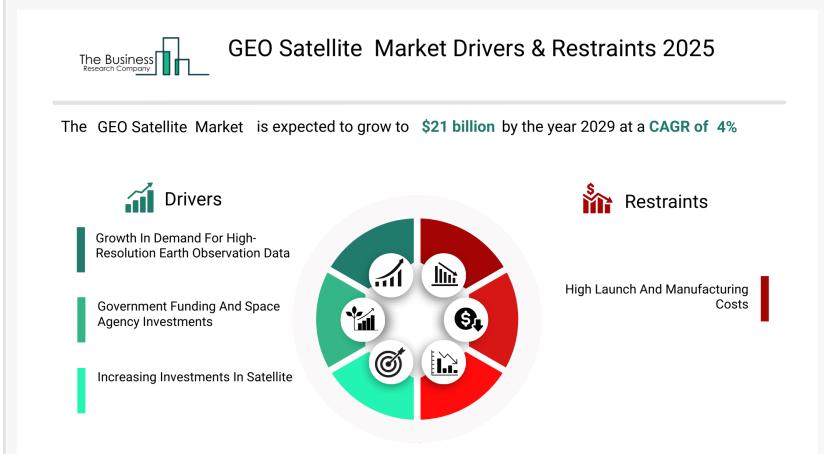
Which Will Be the Biggest Region in the GEO Satellite Market in 2029

North America will be the largest region in the GEO satellite market in 2029, valued at \$9,870 million. The market is expected to grow from \$8,265 million in 2024 at a compound annual growth rate (CAGR) of 4%. The steady growth is supported by the government funding and space agency investments, growth in demand for high-resolution earth observation data and expansion of satellite-based communication networks.

Which Will Be The Largest Country In



GEO Satellite Global Market Report 2025



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The Global GEO Satellite Market In 2029?

The USA will be the largest country in the GEO satellite market in 2029, valued at \$9,171 million. The market is expected to grow from \$7,920 million in 2024 at a compound annual growth rate (CAGR) of 3%. The steady growth can be attributed to the government funding and space agency investments, growth in demand for high-resolution earth observation data and expansion of satellite-based communication networks.

Request a free sample of the GEO Satellite Market report:

https://www.thebusinessresearchcompany.com/sample_request?id=14723&type=smp

What will be Largest Segment in the GEO Satellite Market in 2029?

The GEO satellite market is segmented by propulsion technology into electric, gas-based, and liquid fuel propulsion. The electric market will be the largest segment of the GEO satellite market segmented by propulsion technology, accounting for 53% or \$11,615 million of the total in 2029. The electric market will be supported by advancements in electric propulsion technology, reduced launch costs, longer mission lifespans, higher fuel efficiency, increasing demand for cost-effective satellite operations, growing investments from space agencies and private companies, improved satellite performance and growing demand for broadband services.

The GEO satellite market is segmented by satellite mass into 10-100kg, 100-500kg, 500-1000kg, and above 1000kg. The above 1000kg market will be the largest segment of the GEO satellite market segmented by satellite mass, accounting for 61% or \$12,724 million of the total in 2029. The above 1000kg market will be supported by the demand for high-capacity communication satellites, advanced payload capabilities, extended operational lifespan, increased government and commercial investments, growing need for secure military and defense applications, advancements in propulsion and power efficiency, improved resilience for deep-space missions, and expanding broadband and broadcasting services.

The GEO satellite market is segmented by application into communication, earth observation, navigation, space observation, and other applications. The communication market will be the largest segment of the GEO satellite market segmented by application, accounting for 65% or \$13,703 million of the total in 2029. The communication market will be supported by the increasing demand for global broadband connectivity, growing reliance on satellite internet in remote areas, rising need for secure military and defense communications, advancements in high-throughput satellite technology, increasing adoption of satellite-based broadcasting services, government and private sector investments, the expansion of telecommunication infrastructure worldwide, and expanding 5G networks.

The GEO satellite market is segmented by end user into commercial, military and government, and other end users. The commercial market will be the largest segment of the GEO satellite market segmented by end user, accounting for 69% or \$14,402 million of the total in 2029. The commercial market will be supported by the growing demand for satellite-based communication services, increasing adoption of internet of things (IOT) solutions, rising investments from private

satellite operators, advancements in high-throughput satellite technology, increasing need for remote connectivity, growth in direct-to-home (DTH) television services, expanding satellite-based data analytics for businesses and expansion of 5G and IoT networks.

What is the expected CAGR for the GEO Satellite Market leading up to 2029?

The expected CAGR for the GEO satellite market leading up to 2029 is 4%.

What Will Be The Growth Driving Factors In The Global GEO Satellite Market In The Forecast Period?

The rapid growth of the global GEO satellite market leading up to 2029 will be driven by the following key factors that are expected to reshape industrial quality assurance and manufacturing processes worldwide.

Growth In Demand For High-Resolution Earth Observation Data - The growth in demand for high-resolution earth observation data will become a key driver of growth in the GEO satellite market by 2029. As geostationary earth orbit (GEO) satellites are essential for collecting high-resolution Earth observation data because they provide continuous, real-time monitoring of specific regions, enabling accurate weather forecasting, environmental tracking, and disaster management. As a result, the growth in demand for high-resolution earth observation data is anticipated to contributing to a 2.0% annual growth in the market.

Government Funding And Space Agency Investments - The government funding and space agency investments will emerge as a major factor driving the expansion of the GEO satellite market by 2029. By supporting research, innovation, and infrastructure development, leading to enhanced communication, weather monitoring, and Earth observation capabilities.

Consequently, the government funding and space agency investments is projected to contributing to a 1.5% annual growth in the market.

Increasing Investments In Satellite - The increasing investments in satellite within digital manufacturing processes will serve as a key growth catalyst for the GEO satellite market by 2029. By improving efficiency, payload capacity, and operational lifespan, enabling better communication, weather monitoring, and earth observation. Therefore, this increasing investments in satellite is projected to supporting to a 1.0% annual growth in the market.

Telecommunication Boom - The telecommunication boom will become a significant driver contributing to the growth of the GEO satellite market by 2029. By expanding broadband, mobile networks, and broadcasting services, especially in remote and underserved areas. Consequently, the telecommunication boom is projected to contributing to a 1.0% annual growth in the market.

Access the detailed GEO Satellite report here:

<https://www.thebusinessresearchcompany.com/report/geo-satellite-global-market-report>

What Are The Key Growth Opportunities In The GEO Satellite Market in 2029?

The most significant growth opportunities are anticipated in the electric GEO satellite market, the commercial GEO satellite market, the GEO satellite communication market and the above 1000kg GEO satellite market. Collectively, these segments are projected to contribute over \$11 billion in market value by 2029, driven by the increasing demand for high-capacity communication networks, advancements in electric propulsion systems, and the rising deployment of commercial satellite constellations. This surge reflects the growing integration of next-generation satellite technologies that enhance data transmission efficiency, reduce launch costs, and support global connectivity initiatives fueling transformative growth within the broader GEO satellite industry.

The electric GEO satellite market is projected to grow by \$3,019 million, the commercial GEO satellite market by \$2,980 million, the GEO satellite communication market by \$2,779 million and the above 1000kg GEO satellite market by \$1,852 million over the next five years from 2024 to 2029.

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