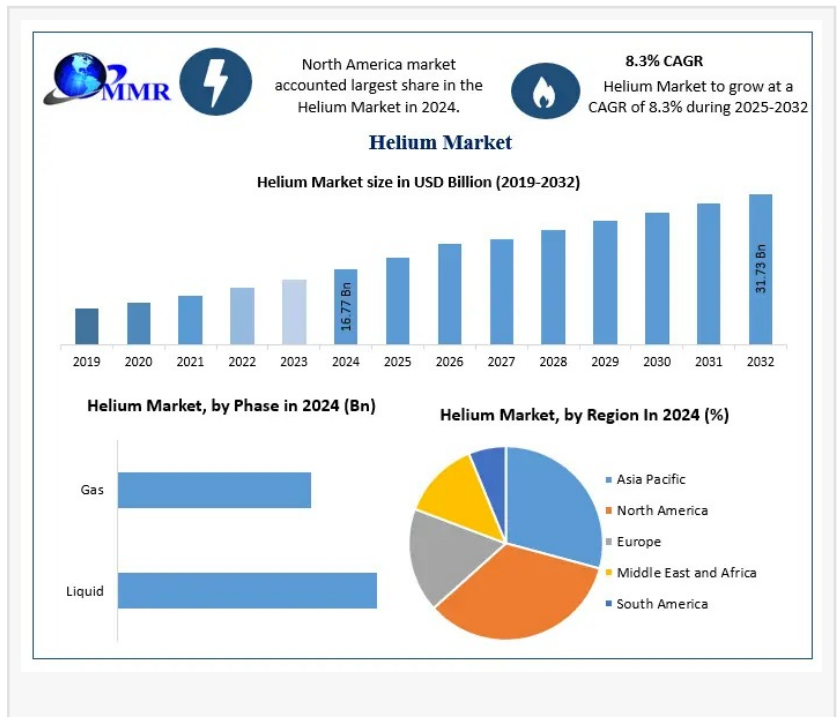


Helium Market is the focus of a groundbreaking new report from Maximize Market Research

Helium Market revenue is expected to grow at 8.3% through 2025 to 2032, reaching nearly USD 31.73 billion

WILMINGTON, DE, UNITED STATES, September 10, 2025 / EINPresswire.com/ -- Maximize Market Research recently announced the publication of its new report, [Helium Market: Recent Developments, Market Demand-Supply, Market Dynamics, Regional Analysis, Segments, New Technology, and Top Key Players.](#)"

The Helium Market size was valued at USD 16.77 billion in 2024, and the Helium Market revenue is expected to grow at 8.3% through 2025 to 2032, reaching nearly USD 31.73 billion.



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Driven by rising demand in medical, space, and tech sectors, the helium market is soaring, becoming a critical resource in the race for innovation and global supply security.”

Dharati Raut

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The global helium market is in a transitional phase, moving from a period of acute scarcity to a more stable equilibrium. Recent developments, particularly in regions like South Africa and the U.S., have begun to alleviate previous supply shortages. This has helped stabilize volatile prices, which have seen significant fluctuations. North America remains the most dominant market, but the Asia-Pacific region is the fastest-growing due to massive

investments in its electronics and semiconductor industries. These sectors, along with

healthcare, are the largest consumers, using helium for vital applications like MRI machines and chip manufacturing.

Key Insights & Recent Developments

The Helium market highlights the continued use of helium in high-tech applications due to its unique physical properties that make it indispensable for industries like medical imaging and semiconductor manufacturing.

A recent development in the Helium market, such as new production sources coming online in regions like South Africa and the U.S., is significantly impacting market dynamics by easing a long-standing supply shortage and leading to a softening of global prices.

A significant finding in the Helium market is the major shift toward helium conservation and reclamation technology, with a notable increase in on-site reclamation units being adopted by end-user industries to mitigate against future supply volatility.

Helium Market Dynamics

The primary drivers of the Helium market include its irreplaceable use in high-tech applications, the growing demand from the semiconductor and medical industries, and a recent increase in new production sources. These factors are fueled by a global surge in technology manufacturing and a push for greater energy efficiency and medical advancements. Key challenges hindering the Helium market are persistent supply chain vulnerabilities, significant price volatility, and the high cost and limited nature of a strategic resource. These are mainly due to the small number of major global production facilities, geopolitical factors, and the depletion of a key supply source like the U.S. Federal Helium Reserve. The Helium market presents numerous opportunities for new entrants and established players in areas such as the development and sale of helium reclamation and recycling technologies, and the exploration of new extraction methods from unconventional sources.

Helium Market Regional Analysis

The report provides a detailed breakdown of the market across major regions:

North America: North America dominates the helium market due to a combination of historical reserves, particularly in the U.S., and a massive industrial base. Recent news highlights new

| Global Helium Market Segments Covered | |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| By Phase | Liquid Gas |
| By Application | Breathing Mixes Cryogenics Leak Detection Pressurizing and Purging Welding Controlled Atmospheres Other |
| By End-user Industry | Aerospace & Defense Electronics & Semiconductors Nuclear Power Healthcare Welding & Metal Fabrication Other |
| By Region | North America (United States, Canada and Mexico) Europe (UK, France, Germany, Italy, Spain, Sweden, Austria, Turkey, Russia and Rest of Europe) Asia Pacific (China, India, Japan, South Korea, Australia, ASEAN (Indonesia, Malaysia, Myanmar, Philippines, Singapore, Thailand, Viet Nam etc.) and Rest APAC) Middle East and Africa (South Africa, GCC, Egypt, Nigeria and Rest of ME&A) South America (Brazil, Argentina, Columbia and Rest of South America) |

domestic discoveries and strategic investments in sectors like semiconductors, solidifying the region's position as a major producer and consumer.

Asia-Pacific: The Asia-Pacific region is the second most dominant and fastest-growing in the helium market. Its emergence is driven by a booming electronics sector, especially in semiconductor manufacturing, and an expanding healthcare infrastructure. Recent news highlights soaring demand from China's tech industry and strategic moves by companies to secure a stable supply chain in the region.

Helium Market Segments Covered

The study segments the market based on Phase, Application, and End User Industry

The Helium Market's most dominant segments are highly interconnected, starting with, By phase is Gaseous Helium, which has a broader range of industrial uses like leak detection and welding. By application, Cryogenics dominates due to its indispensable use as a supercoolant for superconducting magnets in MRI machines and scientific research. This makes the Healthcare industry the largest end-user segment. These segments are interconnected, with healthcare's use of cryogenic liquid helium driving its market dominance.

Helium Market Trends

In the Helium market, the Electronics & Semiconductors sector is becoming the most dominant segment over healthcare. The Asia-Pacific region, particularly countries like China and South Korea, is the key driver of this trend. It is most trending due to a global surge in chip manufacturing and the indispensable role of helium in cooling and purifying the ultra-clean environments required for semiconductor fabrication. This is fueled by demand for next-gen technologies like 5G and AI.

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Competitive Landscape

In the helium market, key players are strategically adapting to recent shifts from scarcity to potential oversupply. Air Products and Chemicals remains focused on securing new, non-traditional supply sources globally. In July 2025, Air Liquide is aggressively expanding, with major investments in Europe and an acquisition in South Korea (August 2025) to bolster its support for the booming electronics sector. In July 2025, Linde continues to enhance its infrastructure, notably by commissioning one of the world's largest helium storage caverns in Texas, a move to ensure long-term supply stability. Taiyo Nippon Sanso has focused on regional strategy in Asia, with a price increase in February 2025 to offset rising costs. These developments, dating from late 2024 to mid-2025, highlight a proactive industry navigating volatile market conditions.

The report profiles key players in the market, including

The Maximize Market Research report profiles key players in the Helium Market

Air Products and Chemicals, Inc.

Air Liquide

Linde AG

Praxair, Inc.

Taiyo Nippon Sanso Corporation

Iwatani Corporation

Gulf Cryo

Messer Group

Qatar Gas Operating Company Limited

Global Gases

Matheson Tri-Gas Inc

ONEOK Inc.

Exxon Mobil Corporation

Polish Oil and Gas Company

Weil Group

Others

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