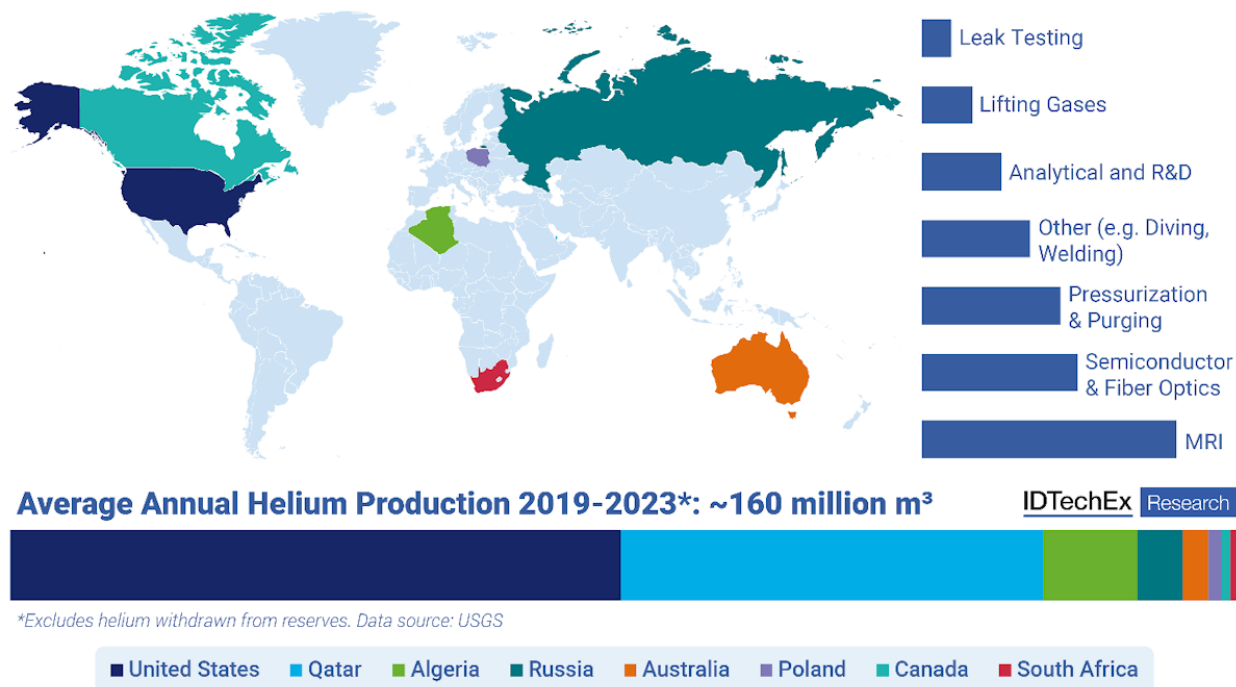


Global Helium Market Overview

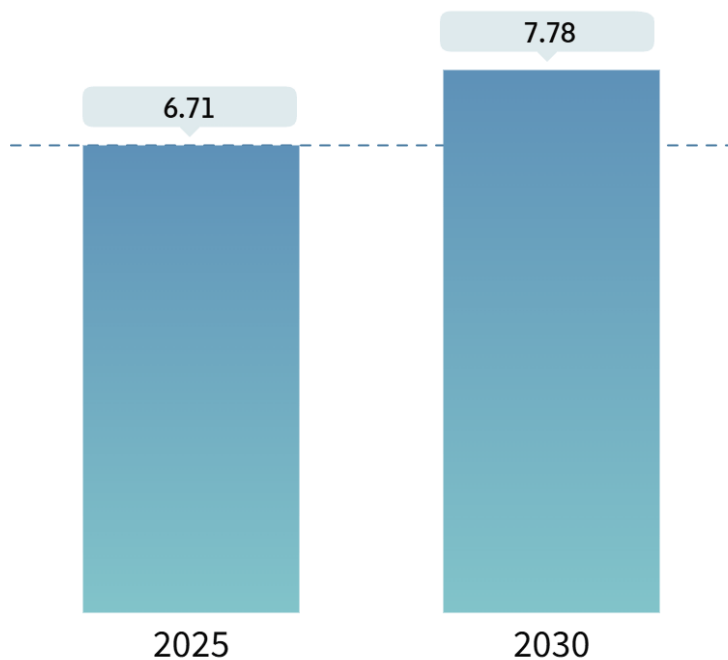
- **Market Size & Growth:** The global helium market is projected to grow from **\$5.19 billion in 2024** to **\$5.62 billion in 2025**, marking a **CAGR of 8.3%**. By 2029, the market is expected to reach **\$7.47 billion**, driven by increasing demand across various sectors.

[Crux Investor+1](#)[The Business Research Company+1](#)



- **Volume Metrics:** In 2024, the market volume stood at approximately **6.71 billion cubic feet**, with projections indicating a rise to **7.78 billion cubic feet by 2030**, reflecting a **CAGR of 3.02%**. [Mordor Intelligence](#)

Market Size in Billion Cubic Feet
CAGR **3.02%**



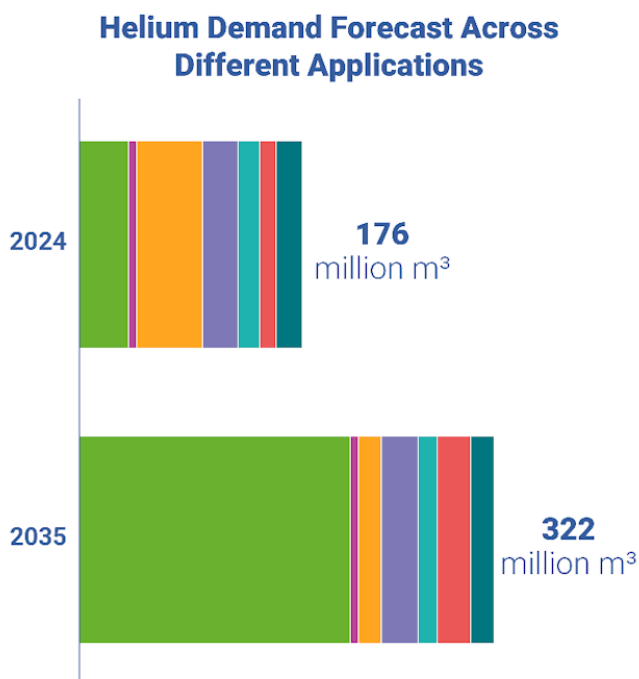
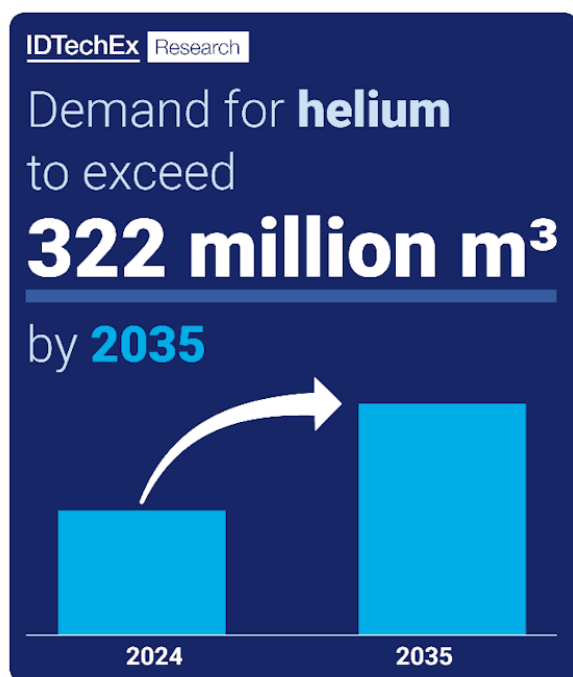
Source : Mordor Intelligence



Demand Drivers

- **Semiconductors & Electronics:** The semiconductor industry's expansion, particularly in AI and advanced computing, is a significant driver. Helium's role in cooling and creating inert environments is crucial, with demand expected to nearly double by 2035. [Reuters](#)
- **Healthcare Sector:** Helium is vital for MRI machines and respiratory treatments. The increasing global demand for advanced medical imaging and treatments underscores helium's importance in healthcare. [GlobeNewswire+4Mordor Intelligence+4MarketWatch+4](#)

- **Aerospace & Defense:** Helium's applications in pressurizing and purging systems, as well as in space exploration technologies, are expanding, aligning with the growth of the aerospace sector.[Claight+2Mordor Intelligence+2GlobeNewswire+2](#)



Supply Dynamics

- **Production Landscape:** The U.S., Qatar, and Algeria are leading helium producers. However, the U.S. has seen a decline in production due to the depletion of the Federal Helium Reserve. [MarketWatch+3Wikipedia+3Mordor Intelligence+3](#)
- **Emerging Sources:** New helium production projects are underway in regions like South Africa and Tanzania, aiming to diversify supply sources and stabilize the market.[Mordor Intelligence](#)
- **Market Balance:** In 2024, global helium supply is estimated at **6.5 billion cubic feet**, surpassing the demand of **6.0 billion cubic feet**, indicating a shift from previous shortages to a potential surplus. [gasworld](#)



Pricing Trends

- **Price Volatility:** Helium prices have experienced significant fluctuations, with some reports indicating an 800% increase since 2018. Factors contributing to this volatility include supply constraints and geopolitical tensions. [MarketWatch](#)
- **Market Transparency:** The helium market lacks standardized pricing, with transactions often occurring through private contracts, leading to limited price transparency.

Future Outlook

- **Technological Advancements:** Innovations in helium extraction and recycling are expected to enhance supply efficiency and reduce environmental impact.
- **Sustainability Focus:** With helium being a non-renewable resource, there's an increasing emphasis on conservation and efficient usage across industries.
- **Investment Opportunities:** The growing demand and strategic importance of helium present investment opportunities, particularly in exploration, production, and technological innovation sectors.