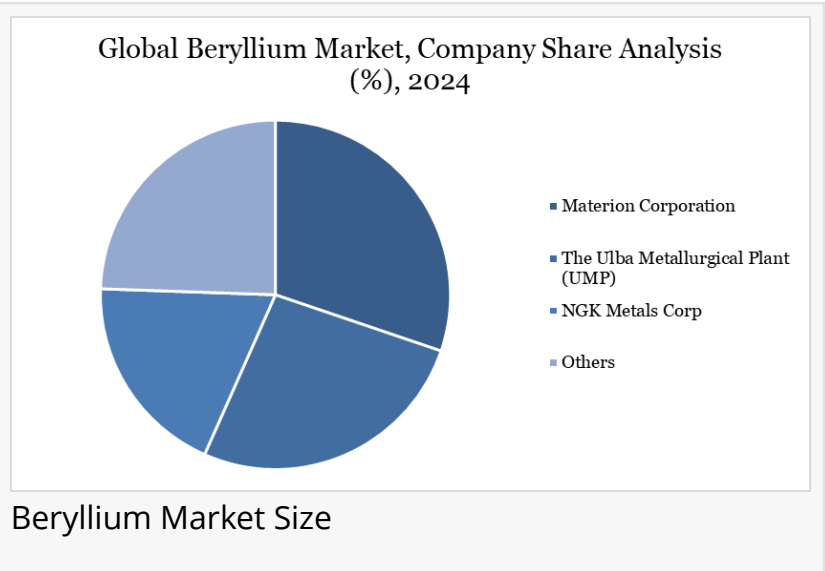


(PDF) Beryllium Market to Grow from \$281.65M in 2024 to \$492.01M by 2032, United States Is Leading The Industry

Beryllium Market Expands with Strategic Growth in the USA & Japan Amid Rising Tech and Defense Demand

DELTA, UT, UNITED STATES, September 13, 2025 /EINPresswire.com/ -- Market Size and Forecast

The global [Beryllium industry](#) continues its upward trend, valued at approximately US\$ 281.65 million in 2024, with forecasts indicating growth to between US\$ 492.01 million by 2032, depending on trajectory scenarios, representing CAGRs ranging from 7.22% 2025-2032



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Beryllium demand in the US and Japan is rising, driven by aerospace, defense, and electronics applications, boosting the market growth globally.”

*DataM Intelligence 4Market
Research LLP*

Market Drivers & Regional Landscape

Beryllium’s unique physical properties lightweight, exceptional thermal stability, high electrical conductivity, and neutron transparency make it indispensable across critical sectors such as electronics, aerospace, defense, semiconductors, and nuclear applications

United States

North America leads the global market with an estimated 34.3% regional share by 2035 U.S. beryllium consumption stood at 160 metric tons in 2024, driven by aerospace and electronics demand Domestic supply chain security is being prioritized amid reduced imports from

Kazakhstan prompting strategic production increases of alloy and bulk beryllium products.

Japan

Japan is positioned for steady growth, with a forecasted CAGR of approximately 2.7% through 2030.. Driven by domestic strengths in semiconductor manufacturing, robotics, and precision electronics, beryllium's demand in Japan is supported by government-led technology expansion initiatives.

Recent Developments

Key Players

1. Materion Corporation
2. NGK Metals Corp
3. Kazatomprom
4. IBC Advanced Alloys Corp
5. American Beryllia Inc
6. Texas Mineral Resources Corp
7. DL INDUSTRY GROUP LIMITED
8. Le Bronze Alloys
9. Belmont Metals
10. BVG Group Management

Industry News

No major new product launches or groundbreaking applications were announced recently. However, industry focus continues to emphasize beryllium's role in high-performance systems, especially within microelectronics and defense-grade components.

M&A Activity

- Rockland Resources Ltd. acquired the Claybank Beryllium Project in Utah in March 2025 positioning itself near the U.S.'s primary beryllium source at Spor Mountain, enhancing supply chain resilience
- In August 2024, Materion Corporation secured a USD 5 million contract with the U.S. Air Force Research Laboratory to develop additive manufacturing techniques for beryllium and beryllium-aluminum alloys boosting capabilities for aerospace and defense components.

Government Policy Impacts

- United States: Strategic materials like beryllium are increasingly prioritized under Defense Production Acts, with supply chain localization and reduced import reliance being key policy

themes.

- Japan: While no new regulations were noted recently, the country’s semiconductor and advanced manufacturing policies continue to drive indirect support for beryllium demand.

Market Trends: Historical to Forecast

Region / Metric Value (2024) Forecast / Trend CAGR

Global Market Value USD 176.5 million
USD 263–492 million by 2032–35 - 4.5%–7.2%
U.S. Consumption ~160 metric tons

Growing via defense, aerospace demand
Japan Growth 2.7% CAGR Supply in semiconductors/electronics 2.7%

DataM Intelligence Perspective & Recommendations

Insight: The increasing importance of lightweight, high-conductivity materials in defense, semiconductor, and aerospace sectors will continue to fuel beryllium demand. However, supply-chain volatility and environmental regulations necessitate strategic responses.

Recommendations:

1. Secure Strategic Supply: U.S. producers and Japanese enterprises should bolster domestic or allied supply chains via resource investments and M&A to mitigate geopolitical risk.
2. Innovate Manufacturing: Focus on additive manufacturing technologies, as demonstrated by Materion, to improve component precision and reduce lead times.
3. Target High-Growth Verticals: Increase investments in semiconductor, aerospace, and defense sectors, where beryllium’s properties add maximum value.
4. Enhance Sustainability Protocols: Given beryllium’s toxicity, organizations should strengthen compliance, dust control, and worker safety to uphold regulatory and ethical standards.

“Beryllium's strategic role in advanced technologies underscores the need for resilient supply and ongoing process innovation. Companies aligning with clean manufacturing and domestic production will lead future growth,” says the DataM Intelligence research team.

Market Segments

By Product: (Alloy, Metal, Ceramics, Others)

By Application: (Aerospace and Defense, Industrial Components, Consumer Electronics, Telecommunication, Medical Equipment, Automotive and Transportation, Energy & Power, Oil &

Gas, Others)

By Region: (North America, Latin America, Europe, Asia Pacific, Middle East, and Africa)

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