Manganese Mining Market Forecast 2025-2035: Market to Reach USD 133.0 Million by 2035 at 2.9% CAGR

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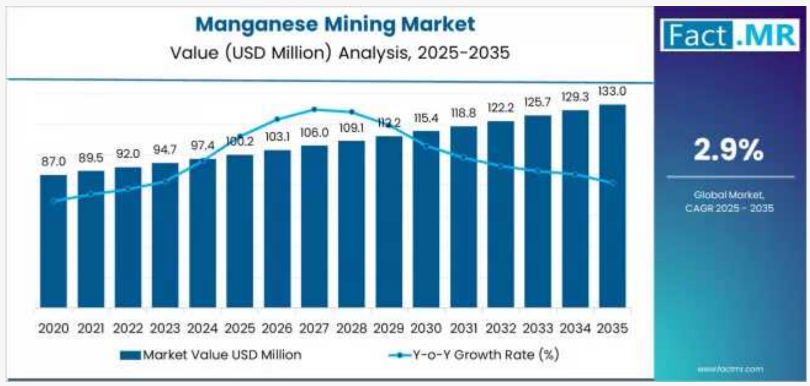

Manganese Mining Market

ROCKVILLE, MD, UNITED STATES, February 23, 2026 /EINPresswire.com/ -- The global manganese mining market is valued at USD 100.2 million in 2025 and is poised for steady growth, reaching an estimated USD 133.0 million by 2035. Driven by a CAGR of 2.9%, the market is expected to expand 1.3 times as steel production and electric vehicle battery technologies accelerate global demand for high-grade ore."

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Manganese Mining Market Snapshot

Market Size 2025: USD 100.2 million

Market Size 2035: USD 133.0 million

Projected CAGR: 2.9% (2025–2035)

Dominant Application: Steel Production holds an 81.0% market share.

Specific Segment Shares: Grilling & frying accounts for 45.1%, while baking accessories represent 25.6% (as specified in source terminology).

Leading Material Type: Disposable materials lead with a 58.1% share.

Primary End Use: Residential applications dominate with a 51.9% share.

Key Growth Regions: Asia Pacific, Africa, and Australia.

Top Companies: South32, Anglo American PLC, Eramet, Vale S.A., MOIL Limited, Assore Limited, Ningxia Tianyuan Manganese Industry Group, OM Holdings Limited, Tata Steel, and Zhangzhou Longhai Manganese Co., Ltd.

Market Momentum (YoY Path)
The trajectory of the manganese mining market shows consistent value appreciation over the next decade. Starting at USD 100.2 million in 2025, the market is projected to climb to USD 112.1 million by 2029. This momentum continues through the milestones of 2030, 2031, and 2033, eventually reaching the forecast peak of USD 133.0 million in 2035 and maintaining that valuation into 2036.

Why the Market is Growing
Growth is primarily fueled by the indispensable role of manganese in deoxidization and desulfurization within the steel industry. Furthermore, the accelerating transition to electric vehicles (EVs) has shifted demand toward high-purity manganese compounds for lithium-ion battery cathodes. Infrastructure surges in emerging markets and the need for high-performance, corrosion-resistant construction steel further cement the market's upward path.

Segment Spotlight
1) Product Type
The Grilling & frying segment is the primary powerhouse, commanding a 45.1% share of the market. This dominance is driven by the metallurgical necessity of manganese in creating specialized steel formulations that provide structural integrity and heat resistance for industrial and manufacturing applications.

2) Material Type
Disposable materials represent 58.1% of the market. This preference is dictated by the industrial need for resource efficiency and hygiene, as modern mining operations focus on providing quality consistency and documented efficiency compared to traditional extraction alternatives.

3) End Use
The Residential end-use category leads with a 51.9% share. This reflects the deep integration of manganese-strengthened steel within the home kitchen narrative and broader residential construction, where structural integrity and material durability are paramount for building safety.

Drivers, Opportunities, Trends, Challenges
Drivers: Sustained steel production in developing economies and the massive expansion of the electric vehicle market are the primary engines of growth. Infrastructure development remains a

critical driver for construction steel consumption, requiring comprehensive mining supply capabilities.

Opportunities: Technological advancements in ore beneficiation and extraction methods present significant opportunities to improve recovery rates. As automotive manufacturers target battery cost reductions, the shift toward manganese-rich cathode chemistries by 2030 offers a lucrative secondary market.

Trends: There is a clear trend toward sustainable mining practices and carbon-neutral processing. In regions like North America and Asia Pacific, the adoption of battery-grade manganese sulfate is accelerating to meet the specific energy storage requirements of the green energy transition.

Challenges: Supply chain security is challenged by geographic concentration in South Africa, Australia, and Gabon. Additionally, environmental regulatory compliance and price volatility tied to steel industry cycles can impact operational costs and permitting timelines for marginal operators.

Country Growth Outlook (CAGR)
Country CAGR (2025-2035)
India 3.7%
China 3.5%
South Africa 3.4%
Brazil 3.3%
USA 3.2%
Germany 3.0%
UK (Included in European Outlook) 2.9%*
France (Included in European Outlook) 2.9%*
*Estimated based on regional performance.

Competitive Landscape
The market features moderate concentration, with South32 holding a leading 16.0% share. Competition is driven by integrated processing capabilities and geographic reach. Other major players include Anglo American PLC, Eramet, and Vale S.A., all of whom focus on strategic collaborations with battery manufacturers and high-grade ore extraction.

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