

# Global Bismuth Market Outlook to 2027

<https://marketpublishers.com/r/G5BECB08C477EN.html>

Date: January 2022

Pages: 189

Price: US\$ 4,490.00 (Single User License)

ID: G5BECB08C477EN

## Abstracts

Bismuth is a brittle, crystalline, white metal with a slight pink tinge. It has a variety of uses, including cosmetics, alloys, fire extinguishers, and ammunition. It is among the vital ingredients in stomach ache remedies such as Pepto-Bismol. Being twice as abundant as gold in the earth's crust, bismuth exhibits the highest diamagnetism for any natural element, thereby finding a role in the future of transportation in maglev. It is also one of the least toxic heavy metals.

According to BlueQuark Research & Consulting, the global bismuth market is expected to witness growth at a considerable rate during the forecast period. The major factors responsible for the global bismuth market's growth would be increasing demand from the automotive industry and transportation sector that finds Bismuth's use either for its diamagnetic properties or for its inevitable application in rust protection coatings, brake linings, and vehicle clutch pads. Growing appeal towards beauty products would also play its role in driving the market's growth as Bismuth is used invariably to produce pearlescent look giving cosmetic products. An environmental concern-triggered shift to bismuth, from lead, is another potential global bismuth market growth's driving factor. However, the availability of cost-effective alternatives such as magnesia, alumina, and antibiotics in the pharmaceutical industry limits bismuth's use. Moreover, low availability and high bismuth prices are some of the restraining factors apart from a few others, such as regulations on lead smelting, a source of bismuth.

Asia-Pacific region is expected to be the largest market for global bismuth due to the presence of a large number of end-user industries here. The growth here is also likely to be faster than that in other regions for the same reason. The existence of established companies, demand in a wide range of end-user industries, and investment in research projects are likely to influence this region's dominance.

The global bismuth market is fragmented. Major players in the market were found to be

5N Plus, Hunan Jinwang Bismuth Industry, Hunan Shizhuyuan Nonferrous Metals, Hunan Huaxin Rare & Precious Metals Technologies, Nui Phao Mining Company, among others.

In October 2020, a research team led by a few professors at the University of Hong Kong (HKU) has discovered a novel antiviral strategy for the treatment of Covid-19. The research team has identified ranitidine bismuth citrate (RBC), a commonly used anti-ulcer drug which contains the metal Bismuth for treatment of Helicobacter pylori-associated infection, as a potent anti-SARS-CoV-2 agent, both in vitro and in vivo. The revolutionary work has been published online in a top-class scientific journal Nature Microbiology.

Fortune Minerals Limited's completely owned NICO Gold-Cobalt-Bismuth-Copper Project ("NICO Project"), located 160 kilometers northwest of Yellowknife, contains an Iron Oxide Copper-Gold ("IOCG") type ore deposit with proven and probable open pit and underground mineral reserves totaling 33 million tonnes containing 1.1 million ounces of gold, 82.3 million pounds of cobalt, 102.1 million pounds of bismuth and 27.2 million pounds of copper ("NICO Deposit"). This unique composition of the deposit accounts for more than 10% of global bismuth reserves along with significant gold as a counter-cyclical hedge to reduce exposure to cobalt and bismuth price volatility.

GlobalBismuth Market report provides deep insights into the current and future state of the bismuth market across various regions. The study comprehensively analyzes the bismuth market by segmenting based on type (Metals, Bismuth Oxide, Bismuth Nitrate, Bismuth Salicylate, Bismuth Oxychloride, Bismuth Subnitrate, Bismuth Subcarbonate, Bismuth Aluminate, and Others), Application (Pharmaceuticals, Cosmetics and Pigments, Metallurgy and Fusible Alloys, Electronics, Automotive, and Others), and geography (North America, Europe, Asia-Pacific, South America, and Middle-East and Africa). The report examines the market drivers and restraints, along with the impact of Covid-19 on the market's growth, in detail. The study covers & includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with profiles of major companies, including their market shares and projects.

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Technologies

Shan YuTeng Nonferrous Metals

Phao Mining Company

Peru Mex Pe?±oles

Peru Marietta Inc.

Peru

Zhejiang Keneng New

Western Minmetals Corporation

Shankar Speciality Chemicals

Merck KGaA

Shenyang Jump Hua Bismuth Industry

Fortune Minerals

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Area

Allytic

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*Companies is not exhaustive*

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