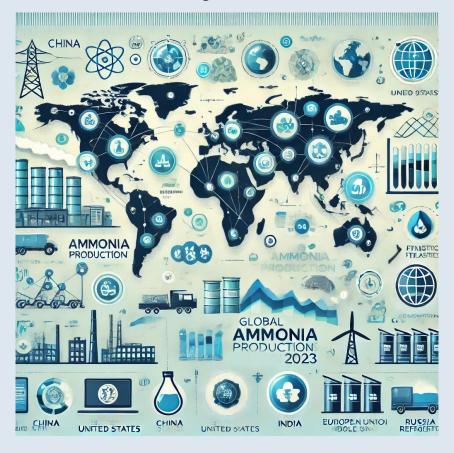


Tabbre Research The Global Ammonia Market

Charles Cunningham London

August 2024



Abstract

The Global Ammonia Market 2023 report provides an in-depth analysis of the current state of the ammonia industry. In 2023, global ammonia production was estimated at approximately 150 million metric tons, reflecting a slight decrease from previous years, where production levels ranged between 180-185 million tons annually. Despite this, the global production capacity remains higher, at around 235 million metric tons per annum, with projections indicating a potential increase to 270 million metric tons by 2030. The market value of ammonia is estimated to be around \$45-55 billion annually, based on typical price ranges. Key producers include China, which accounts for about 30% of global production, followed by the United States, European Union, India, Russia, and Middle Eastern countries. The majority of ammonia, approximately 80%, is used for fertilizer production, with the remaining 20% utilized in various industrial applications. The report also highlights a growing interest in "green" and "blue" ammonia production methods, aiming to reduce carbon emissions associated with traditional production processes.

Table of Contents

Abstract	. 2
The Global Ammonia Market	.2
Production Volume	
Production Capacity	
Market Value	
Key Producers	
Usage	
Citations	

The Global Ammonia Market

Global ammonia production has remained relatively stable in recent years. Here are the key facts about annual ammonia production and its value:

Production Volume

In 2023, global ammonia production was estimated at approximately 150 million metric tons[1]. This represents a slight decrease from previous years, as production has hovered around 180-185 million tons annually in the recent past[4].

Production Capacity

The global production capacity for ammonia is higher than actual production:

- In 2023, the worldwide ammonia production capacity was estimated at about 235 million metric tons per annum[3].
- This capacity is forecast to increase to around 270 million metric tons per annum by 2030[3].

Market Value

While an exact global market value is not provided in the search results, we can estimate the value based on production volume and typical prices:

- Ammonia prices can vary significantly, but have typically ranged from \$200-\$600 per ton in recent years.
- Using a conservative estimate of \$300 per ton, the global ammonia market value would be approximately \$45-55 billion annually.

Key Producers

- China is the largest producer, accounting for about 30% of global production[2].
- Other major producers include the United States, European Union, India, Russia, and Middle East countries, each accounting for 8-10% of global production[2].

Usage

- Approximately 80% of ammonia is used for fertilizer production[4].
- The remaining 20% is used for various industrial applications, including synthetic fibres, plastics, explosives, and refrigeration[4].

The ammonia market is evolving, with increasing interest in "green" and "blue" ammonia production methods to reduce carbon emissions associated with traditional production processes[4].

Citations

- [1] https://www.statista.com/statistics/1266378/global-ammonia-production/
- [2] https://www.iea.org/reports/ammonia-technology-roadmap/executive-summary
- [3] https://www.statista.com/statistics/1065865/ammonia-production-capacity-globally/
- [4] https://www.nexanteca.com/blog/202112/global-ammonia-market-snapshot
- [5] https://ammoniaenergy.org/articles/the-cost-of-co2-free-ammonia/