

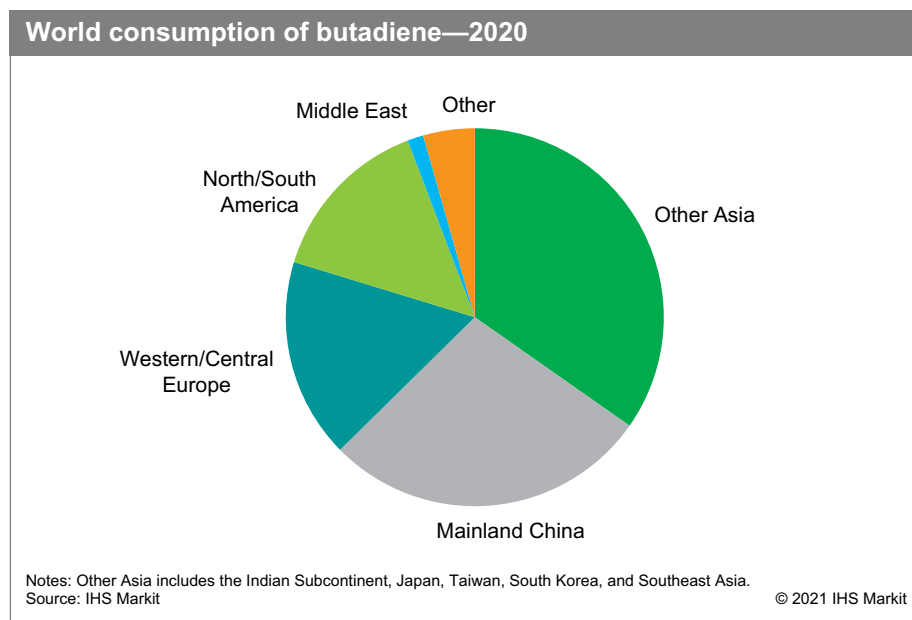
Butadiene

August 2021

Abstract

Butadiene is primarily generated as a coproduct in the production of ethylene. It is extracted from crude C₄ cut after steam cracking operations. The largest butadiene yields are obtained when cracking heavier feeds such as naphtha and gas oil. Butadiene consumption is affected by various dynamics, including changes in the production of ethylene, fluctuations in energy markets, mobility trends, natural rubber markets, and general economic cycles.

The following chart shows world consumption of butadiene:



Although butadiene consumption increased steadily in 2010–19, the COVID-19 pandemic and its effects on transportation activities and the automotive sector led to a sharp market decline in 2020. In 2020, butadiene demand was still dominated by Northeast Asia, followed by Western Europe and North America. Northeast Asia has become a major manufacturing center for cars and tires, leading to a fast regional butadiene market development.

The short-term future of butadiene production and consumption will depend largely on the pace of economic recovery, particularly in the automotive sector. This report provides an excellent insight into the global market

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for butadiene, including producers, capacity, process, demand by application, and trade. It has been compiled using primary industry research and brings together elements of other IHS Markit reports.

For more detailed information, see the table of contents, shown below.

IHS Markit's Chemical Economics Handbook – *Butadiene* is the comprehensive and trusted guide for anyone seeking information on this industry. This latest report details global and regional information, including



Global summary;
regional coverage



Producers with
annual capacities
and plant sites



Production figures
and trends



Consumption and
forecasts by end use
application



Manufacturing
processes and
environmental issues



Trade – imports
and exports

Key benefits

IHS Markit's Chemical Economics Handbook – *Butadiene* has been compiled using primary interviews with key suppliers and organizations, and leading representatives from the industry in combination with IHS Markit's unparalleled access to upstream and downstream market intelligence and expert insights into industry dynamics, trade, and economics.

This report can help you

- Identify trends and driving forces influencing chemical markets
- Forecast and plan for future demand
- Understand the impact of competing materials
- Identify and evaluate potential customers and competitors
- Evaluate producers
- Track changing prices and trade movements
- Analyze the impact of feedstocks, regulations, and other factors on chemical profitability

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