

# **Global Naphtha Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Type, Sales Channel, Regional Demand, Company Share, 2015-2035**

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## **Abstracts**

The global Naphtha market stood around 180 million tonnes in 2021 and is expected to grow at a steady CAGR of 4.12% during the forecast period until 2035. The Assiut oil refinery in Egypt is under an extension and modernization to meet the increasing demand for petroleum products in Upper Egypt. The anticipated cost of the refinery improvement is \$2.5 billion. This expansion includes a new naphtha complex along with other complexes.

Naphtha is a mixture of hydrocarbon molecules that consists of between 5 and 10 carbon atoms. It is a volatile, colorless, and flammable liquid that does not dissolve in water. It is usually produced from natural gas condensates, petroleum distillates, and the distillation of coal tar and peat. One of the major sources of Naphtha is crude oil which is widely used as a precursor to gasoline, butane, and other liquid fuels.

The industrial Type of Naphtha includes it as a raw material to produce plastics like polyethylene and polypropylene. It is extensively used as solvents for paints, dry-cleaning, cutback asphalts, rubbers, industrial extraction processes, and others. Naphtha has the ability to burn cleanly, which makes it an ideal chemical to use in heating units, power stoves, blowtorches, and cigarette lighters. In the Naphtha cracking process, ingredients like aromatics and olefins are used. Among these, aromatics are highly used in the production of edible fats whereas, olefins are used for making chemical intermediates, synthetic rubbers, plastics, etc., rising demand for aromatics and olefins by the food & beverage and chemical industry is expected to drive the market in the next few years. Naphtha is one of the most important feedstock chemicals

in the petrochemical industry as it is used in the production of benzene, ethylene, butadiene, toluene, propylene, and xylene, which are further used to make products like synthetic fiber, synthetic resins, synthetic rubber, dyes, medicine, and others. Throughout the projection period, the petrochemical industry is anticipated to exhibit significant increase in the demand of Naphtha and reach nearly 300 million tonnes in the forecast period of 2035.

Based on region, Asia Pacific is the leading consumer of Naphtha all across the globe. In 2021, the highest demand was accounted by Asia Pacific region with a market share of about 60%. The region is anticipated to maintain its dominance over the other regions in the forecast period. Its usage in upstream sectors such as Crude blending and Steam cracking is anticipated to propel the demand in countries like India, China, and Japan in the upcoming years. The major producers of Naphtha are located in the North American region. Moreover, Exxon Mobil Corporation is the largest producer of Naphtha on the global level.

Based on type, the global Naphtha market is divided into Light Naphtha and Heavy Naphtha. The Light Naphtha is dominating the market. Light naphtha is used as a petrochemical feedstock in steam crackers to create ethylene, which is then used to manufacture plastics.

Based on the end-user industry, the global Naphtha market is segmented into Gasoline Blending, Steam Cracking, Naphtha Reforming, and others. Among these, Gasoline Blending is dominating as a consumer, with a market share of more than 60% of the total demand in 2021. Moreover, it is expected that the Naphtha Reforming industry will experience a surge in the forecast period. Due to rapid urbanization and industrialization in emerging as well as industrialized economies, the demand for cost-effective fuel is increasing, which is likely to accelerate the demand for Naphtha, further propelling the market in upcoming years.

Significant players in the production of Global Naphtha market are Exxon Mobil Corporation, Reliance Industries Limited, Nippon Oil Corporation, Phillips 66 Company, Indian Oil Corporation Limited, Marathon Petroleum Corporation, Flint Hills Resources, Chevron Corporation, Idemitsu Kosan Co., Ltd, Nayara Energy Limited, GS Caltex Corporation, BP p.l.c., Monroe Energy LLC, and VPR Energy,

Years considered for this report:

Historical Period: 2015- 2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2023-2035

#### Objective of the Study:

To assess the demand-supply scenario of Naphtha which covers production, demand and supply of Naphtha market in the globe.

To analyse and forecast the market size of Naphtha

To classify and forecast Global Naphtha market based on end-use and regional distribution.

To examine competitive developments such as expansions, mergers & acquisitions, etc., of Naphtha market in the globe.

To extract data for Global Naphtha market, primary research surveys were conducted with Naphtha manufacturers, suppliers, distributors, wholesalers and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for Global Naphtha market over the coming years.

ChemAnalyst calculated Naphtha demand in the globe by analyzing the historical data and demand forecast which was carried out considering the historical extraction and supply and demand of Naphtha across the globe. ChemAnalyst sourced these values from industry experts, and company representatives and externally validated through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

### Key Target Audience:

Naphtha manufacturers and other stakeholders

Organizations, forums and alliances related to Naphtha distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as Naphtha manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years (next two to five years), thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

### Report Scope:

In this report, Global Naphtha s market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by Type: Light Naphtha and Heavy Naphtha

Market, by End-use: Gasoline Blending, Steam Cracking, Naphtha Reforming, and others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North America, Europe, Asia Pacific, Middle East and Africa, and South America.

### Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

## Contents

### **1. CAPACITY BY COMPANY**

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for Naphtha.

### **2. CAPACITY BY LOCATION**

To better understand the regional supply of Naphtha by analyzing its manufacturers' location-based capacity.

### **3. PRODUCTION BY COMPANY**

Study the historical annual production of Naphtha by the leading players and forecast how it will grow in the coming years.

### **4. DEMAND BY TYPE**

Learn about the various types: Light Naphtha and Heavy Naphtha, and their demands. It will allow you to choose which type to concentrate on when designing your strategy.

### **5. DEMAND BY END- USE**

Discover which end-user industry (Gasoline Blending, Steam Cracking, Naphtha Reforming, and others) are creating a market and the forecast for the growth of the Naphtha market.

### **6. DEMAND BY REGION**

Analyzing the change in demand of Naphtha in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

### **7. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)**

Multiple channels are used to sell Naphtha. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

## **8. DEMAND-SUPPLY GAP**

Determine the supply-demand gap to gain information about the trade surplus or deficiency of Naphtha.

## **9. COMPANY SHARE**

Figure out what proportion of the market share of Naphtha is currently held by leading players across the globe.

## **10. COUNTRY-WISE EXPORT**

Get details about quantity of Naphtha exported by major countries.

## **11. COUNTRY-WISE IMPORT**

Get details about quantity of Naphtha imported by major countries.

## **12. PRICING ANALYSIS & FORECAST**

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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