

Global Toluene Market Analysis: Plant Capacity, Production, Process, Technology, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Company Share, Foreign Trade, 2015-2035

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Abstracts

The global Toluene market has expanded to reach approximately 37 million tonnes in 2022 and is likely to further grow at a healthy CAGR of 5.90% during the forecast period until 2035.

Toluene is a seven-carbon aromatic hydrocarbon that appears colourless. Industrially, Toluene can be produced via two methods. In the first method, it is extracted from the pyrolysis of gasoline, which in turn is produced from Naphtha cracking. In the second method, it is extracted from reformate, which is also produced from heavy Naphtha cracking. Toluene is primarily utilized in the synthesis of various chemical derivatives like Toluene Diisocyanate (TDI), Benzoic Acid, and others. It also serves as a solvent in various industries and as an industrial feedstock. Toluene can be directly used in disinfectants, thinners, paints, foams, cleaning agents, adhesives, fuel additives, etc. It also finds its applications in the transportation sector as an octane booster for gasoline.

The increasing demand for aromatics in the petrochemical industry is driving the market owing to the presence of a benzene ring in their chemical structure. However, with the toxicity of Toluene being much less in comparison to Benzene, it serves as a viable replacement for the latter in some applications. Other applications of toluene such as to produce elastomers, agrochemicals, and dyes, also significantly contribute to the market. As a common chemical intermediate, toluene diisocyanate is used to make polyurethane foams, elastomers, and coatings as well as paints, varnishes, wire enamels, sealants, adhesives, and binders. In the production of nylon polymers, it also



functions as a cross-linking agent. The growth in the demand for TDI is anticipated to augment the toluene market expansion. Due to these reasons, the Toluene market is expected to reach 77 million tonnes in 2035.

Based on demand by region the Asia Pacific region is dominating the Toluene market. In 2022, Asia Pacific held a market share of approximately 48 percent. However, Europe stays the second largest consumer of the Toluene market followed by North America. The demand for toluene is majorly driven by rising downstream derivatives' uses in the construction, building, oil & gas, and automotive industries for insulation purposes in developing nations like China, Taiwan, India, Thailand, Japan, and South Korea. Additionally, China leads as being the key producer of Toluene all across the globe.

Based on the end-user industry, the global Toluene market is segregated into Xylene, Toluene Diisocyanate (TDI), Benzene, Paints, Coatings & Solvent, and Others. Among these, Paints, Coatings & Solvent is the leading industry with a market share of approximately 28% in 2022 and is likely to maintain its dominance in the forecast period.

Major players in the production of Global Toluene are Sinopec Group (China National Petroleum & Chemical Corporation), Hengli Petrochemical (Dalian) Refinery Co., Ltd., China National Offshore Oil Corporation (CNOOC Group Limited), Lotte Chemical Corp., GS Caltex, SK Global Corp. Ltd., PetroChina Company Limited, Jilin Petrochemical Company, Sinochem Corporation, Shandong Jingbo Petrochemicals Co., Ltd., Haishunde Petrochemical's, Zhuhai Changlian Petrochemical Limited Company, Reliance Industries Ltd., Bharat Petroleum Corp. Ltd., and Others.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2035

Objective of the Study:



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

To analyse and forecast the market size of Toluene

To classify and forecast Global Toluene market based on enduse and regional distribution.

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

To extract data for Global Toluene market, primary research surveys were conducted with Toluene 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 Toluene market over the coming years.

ChemAnalyst calculated Toluene demand in the globe by analyzing the historical data and demand forecast which was carried out considering the raw materials to produce Toluene. 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:

Toluene manufacturers and other stakeholders

Organizations, forums and alliances related to Toluene 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 Toluene s 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 Toluene market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-Use: Xylene, Toluene Diisocyanate (TDI), Benzene, Paints, Coatings & Solvent, 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 Toluene.

2. CAPACITY BY LOCATION

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

3. CAPACITY BY PROCESS

To evaluate the demand of various methods and their capacities while looking for the future growth of each process.

4. CAPACITY BY TECHNOLOGY

To better assess the manufacturing capacities with different technologies as well as understand which technology is more in demand.

5. PLANT OPERATING EFFICIENCY

To determine what percentage manufacturers are operating their plants or how much capacity is being currently used.

6. PRODUCTION BY COMPANY

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

7. DEMAND BY END- USE

Discover which end-user industry (Xylene, Toluene Diisocyanate (TDI), Benzene, Paints, Coatings & Solvent, and Others) are creating a market and the forecast for the growth of the Toluene market.

8. DEMAND BY REGION



Analyzing the change in demand of Toluene 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.

9. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

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

10. DEMAND-SUPPLY GAP

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

11. COMPANY SHARE

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

12. COUNTRY-WISE EXPORT

Get details about quantity of Toluene exported by major countries.

13. COUNTRY-WISE IMPORT

Get details about quantity of Toluene imported by major countries.

14. 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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