

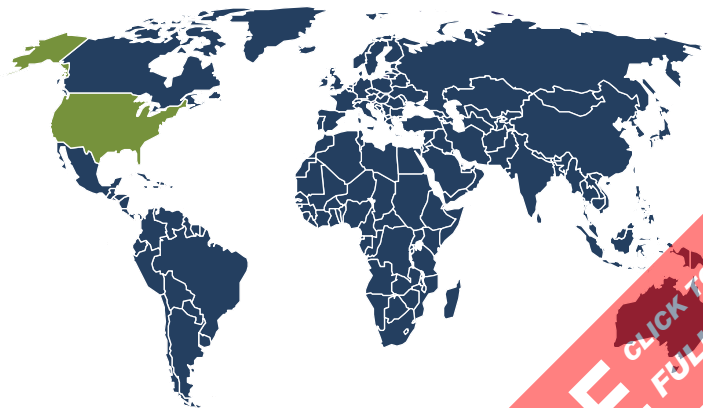


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US Collection

# Catalysts:

## United States

December 2014



### Highlights

#### Market Environment

Historical Market Size and Trends | Key Economic Indicators | Product Overview  
Environmental and Regulatory Factors | NAFTA Overview

#### Demand Segmentation and Forecasts Markets

#### Industry Structure

Industry Composition and Characteristics | Additional Companies Cited

#### Resources

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## ABOUT THIS REPORT

### Scope & Method

This report forecasts US catalyst demand in US dollars at the manufacturers' level and in metric tons to 2018. Total demand is segmented by market as follows:

- petroleum refining
- chemical synthesis
- polymerization.

Sales include “captive sales”, or catalysts produced by a given company and used by that same company. Excluded from the scope of this report are environmental catalysts, that is, automotive and other catalysts designed to reduce air and water emissions.

To illustrate historical trends, total demand in US dollars is provided in an annual series from 2003 to 2013; the various segments in US dollars and metric tons are reported at five-year intervals for 2008 and 2013. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends/events as well as their expected progression/impact over the forecast period. Changes in quantities between reported years of a given total or segment are typically provided in terms of five-year compound annual growth rates (CAGRs). For the sake of brevity, forecasts are generally stated in smoothed CAGR-based descriptions to the forecast year, such as “demand is projected to rise 3.2% annually through 2018.” The result of any particular year over that period, however, may exhibit volatility and depart from a smoothed, long-term trend, as historical data typically illustrate.

Key macroeconomic indicators are also provided at five-year intervals with CAGRs for the years corresponding to other reported figures. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the [Table of Contents](#).

### Sources

*Catalysts: United States* (FF35061) is based on [World Catalysts](#), a comprehensive industry study published by The Freedonia Group in December 2014. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press

- The Freedonia Group Consensus Forecasts dated April 2014 and June 2014
- the findings of other industry studies by The Freedonia Group.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

## Industry Codes

The topic of this report is related to the following industry codes:

| NAICS/SCIAN 2007                              |  | SIC                     |  |
|---|--|-------------------------|--|
| North American Industry Classification System |  | Standard Industry Codes |  |
| 324110  | Petroleum Refineries   | 2819                    | Industrial Inorganic Chemicals, NEC                                  |
| 325188  | All Other Basic Inorganic Chemical Mfg                       | 2821                    | Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers |
| 325199  | All Other Basic Organic Chemical Mfg                         | 2869                    | Industrial Organic Chemicals, NEC                                    |
| 325211  | Plastics Material and Resin Mfg                              | 2899                    | Chemicals and Chemical Preparations, NEC                             |
| 325998  | All Other Miscellaneous Chemical Product and Preparation Mfg | 2911                    | Petroleum Refining   |

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## Table of Contents

| Section  | Page |
|--|------|
| About This Report .....  | i    |
| Highlights.....  | 1    |
| Market Environment .....   | 2    |
| Historical Market Size & Trends .....  | 2    |
| Chart 1   US Catalyst Demand Trends, 2003-2013 (US\$ mil).....                     | 2    |
| Key Economic Indicators .....  | 3    |
| Table 1   Key Indicators for US Catalyst Demand; 2008, 2013, 2018 (US\$ bil).....  | 3    |
| Product Overview.....  | 4    |
| Petroleum Refining Catalysts. ....   | 4    |
| Hydroprocessing Catalysts.....   | 4    |
| Fluid Catalytic Cracking Catalysts.....  | 5    |
| Alkylation Catalysts. ....   | 5    |
| Reforming & Other Petroleum Refining Catalysts.....                                | 5    |
| Chemical Synthesis Catalysts. ....   | 5    |
| Organic Synthesis Catalysts. ....  | 6    |
| Oxidation Catalysts.....   | 6    |
| Synthesis Gas Catalysts.....   | 6    |
| Hydrogenation Catalysts. ....  | 6    |
| Other Chemical Synthesis Catalysts. ....   | 7    |
| Polymerization Catalysts. ....   | 7    |
| Ziegler-Natta Catalysts.....   | 7    |
| Reaction Initiators.....   | 7    |
| Single-Site Catalysts. ....  | 8    |
| Other Polymerization Catalysts.....  | 8    |
| Environmental & Regulatory Factors .....   | 9    |
| NAFTA Overview .....   | 11   |
| Chart 2   NAFTA Catalyst Value Demand by Country, 2013.....                        | 11   |
| Chart 3   NAFTA Catalyst Volume Demand by Country, 2013.....                       | 11   |
| Demand Segmentation & Forecasts .....  | 12   |
| Markets .....  | 12   |
| Chart 4   US Catalyst Value Demand by Market; 2008, 2013, 2018 (US\$ mil).....     | 12   |
| Chart 5   US Catalyst Volume Demand by Market; 2008, 2013, 2018 ('000 m tons)..... | 13   |
| Petroleum Refining. ....   | 13   |
| Chemical Synthesis. ....   | 14   |
| Polymerization. ....   | 16   |
| Chart 6   US Catalyst Value Demand by Market Share; 2008, 2013, 2018 (%).....      | 18   |
| Industry Structure .....   | 19   |
| Industry Composition & Characteristics .....                                       | 19   |
| Company Profile 1   BASF SE .....  | 20   |
| Company Profile 2   Johnson Matthey plc .....                                      | 21   |
| Company Profile 3   WR Grace & Co .....  | 22   |
| Additional Companies Cited.....  | 23   |
| Resources .....  | 24   |

To return here, click on any Freedonia logo or the Table of Contents link in report footers.  
PDF bookmarks are also available for navigation.