

Freedonia Focus Reports
World Collection



World Refining Catalysts

August 2016



Highlights

World Overview and Forecasts
Demand by Material | Demand by Application

Regional Segmentation and Forecasts
Regional Production Overview | Regional Demand Overview | North America
Western Europe | Asia/Pacific | Other Regions

Industry Structure
Industry Composition and Characteristics | Companies Cited

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ABOUT THIS REPORT

Scope & Method

This report forecasts total world demand in 2020 for refining catalysts by material, application, and major world region in US dollars at the manufacturer's level. Material segments include:

- zeolites
- metals
- acids.

Sales also include "captive sales", or, catalysts produced by a given company and used by that same company.

Reported applications encompass:

- fluid catalytic cracking
- hydroprocessing
- alkylation
- reforming
- other applications such as isomerization, oligomerization, and propane dehydrogenation.

Major world regions include:

- North America
- Western Europe
- Asia/Pacific
- all other regions.

Demand by material and application segment is also forecast for each major world region.

To illustrate historical trends world, material, application, and regional demand (including material and application segments) are provided for 2010 and 2015.

This report quantifies trends in terms of compound annual growth rates (CAGRs), which, by definition, employ in their calculation only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the trend beginning in the base year and ending in the forecast year. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends and events, as well as their expected impact over the forecast period. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Unless otherwise indicated, both historical and forecasted demand values are

expressed in US dollars at a fixed 2015 rate of exchange with local currencies.

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

World Refining Catalysts (FW35078) is based on [a comprehensive industry study](#) published by The Freedonia Group in August 2016. 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
- indicator forecasts by The Freedonia Group
- 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
325110	Petrochemical Mfg	2821	Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers
325188	All Other Basic Inorganic Chemical Mfg	2865	Cyclic Organic Crudes and Intermediates, and Organic Dyes and Pigments
325192	Cyclic Crude and Intermediate Mfg		
325199	All Other Basic Organic Chemical Mfg	2869	Industrial Organic Chemicals, NEC
325211	Plastics Material and Resin Mfg		
325998	All Other Miscellaneous Chemical Product and Preparation Mfg	2899	Chemicals and Chemical Preparations, NEC
		2911	Petroleum Refining

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RESOURCES

The Freedonia Group

www.freedoniagroup.com

<i>3444 World Refining Catalysts</i> , August 2016	see study contents
Related Industry Studies	
<i>3424 Industrial & Institutional (I&I) Cleaning Chemicals</i> , June 2016	see study contents
<i>3394 Lubricants</i> , April 2016	see study contents
<i>3364 World Lubricants</i> , December 2015	see study contents
<i>3349 World Rare Earths</i> , November 2015	see study contents
<i>3322 Water Treatment Chemicals</i> , July 2015	see study contents
<i>3285 Enzymes</i> , May 2015	see study contents
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<i>Energy: United States</i>	see report contents
<i>Motor Vehicles: United States</i>	see report contents
<i>Natural Gas: United States</i>	see report contents
<i>Refined Petroleum Products: United States</i>	see report contents
<i>World Catalysts</i>	see report contents
Freedonia Custom Research	see capabilities

Trade Publications

<i>Chemical & Engineering News</i> (USA)	http://cen.acs.org
<i>China Chemical Reporter</i> (China)	www.ccr.com.cn
<i>Hydrocarbon Processing</i> (USA)	www.hydrocarbonprocessing.com
<i>ICIS Chemical Business</i> (UK)	www.icis.com
<i>IHS Chemical Week</i> (USA)	www.chemweek.com
<i>Oil & Gas Journal</i> (USA)	www.ogj.com

Agencies & Associations

American Chemical Society	www.acs.org
American Fuel & Petrochemical Manufacturers	www.afpm.org
Catalyst Manufacturers Association Japan	www.cmaj.jp
The European Chemical Industry Council	www.cefic.org
Eurostat	http://ec.europa.eu/eurostat
Independent Petroleum Association of America	www.ipaa.org
International Council of Chemical Associations	www.icca-chem.org
International Monetary Fund	www.imf.org
National Petroleum Council	www.npc.org
Organisation for Economic Co-operation and Development	www.oecd.org
Society of Petroleum Engineers	www.spe.org
World Bank	www.worldbank.org

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