

Global Indium Market Outlook to 2027

<https://marketpublishers.com/r/GF13FE1FC4C2EN.html>

Date: January 2022

Pages: 163

Price: US\$ 4,490.00 (Single User License)

ID: GF13FE1FC4C2EN

Abstracts

Indium (In) is a rare silvery, trivalent metallic, soft, white, malleable, and fusible element with atomic number 49. It occurs mainly in sphalerite ore and is associated with zinc and other metals. According to BlueQuark Research & Consulting, the global Indium market is expected to witness a significant growth rate during the forecasted period. Factors like the increasing use of Indium in the Indium Tin Oxide, which is used to make transparent and conductive electrodes in the plasma TV and LCD TV screen industries due to its good light permeability and conductivity, are expected to drive the global Indium market. Further, the use of Indium in Semiconductors, the materials used for optoelectronics, radiofrequency, and power electronic devices, use several indium-based materials such as indium phosphide and indium gallium phosphide materials offer properties that are not available in silicon are projected to drive the global Indium market. Furthermore, a small amount of metal Indium is added to the material of dental implants owing to its properties such as corrosion resistance and significantly improve the hardness of these implants, which is expected to drive the market growth. However, all Indium compounds are considered toxic and can damage the heart, kidney, and liver and cause defects in the developing fetus, which are expected to hinder the global market growth.

Indium is used to manufacture Indium tin oxide, used in plasma TV, LCD TV screens, architectural glass, antistatic glass, bright windows, electromagnetic shielding, and even DNA selecting chips. It is used in the electronic semiconductor of optoelectronics, radiofrequency, and power electronic devices and alloys used in dentures and solar cells. It is also used in the gasket or lining material in aerospace equipment.

The Indium Tin Oxide (ITO) Industry is the most vital consumer of Indium and is projected to drive the Global Market. Indium Tin Oxide is used in the touch-screen applications of mobile phones due to its optical transparency to visible light as well as it is easy to deposit as a thin film, making the Global Indium Market bound to rise. The

ITO Films of opticals and electronics are dependent on factors such as deposition parameters and starting materials. According to the U.S. Geological Survey, in 2020, the estimated domestic consumption of refined Indium was 100 tons. China is the leading producer of high-purity Indium with a capacity of 5 tons per year. The glass coated with ITO is used for low emissivity glass windows, allowing better temperature regulation to reduce environmental impact and the demand for the industry shoots, thus driving the Global Indium Industry. Therefore the use of Indium in the Indium Tin Oxide industry is expected to grow and drive the overall market in the future.

The Asia-Pacific region is expected to be the leader in the production and consumption of Indium, with most of the consumption in countries like China and India. The demand for Indium Tin Oxide, semiconductors, dentures, solar cells, and the alloy is enormous in the region since more than half of the world's population lives there. Due to the ongoing need for advancing digital technology, Indium Tin Oxide has become the most common transparent conducting oxides widely used in touchscreen technology for smartphones, tablets, and other electrical appliances are driving the need for Indium in the Global Market. Further, a considerable portion of Indium is used in semiconductor materials owing to its characteristics of high boiling point and low resistance, thus driving the Indium market in demand. In dentures, reduced gold and palladium-based alloys are primarily hardened using Indium, which helps lower the casting temperature and is expected to drive the demand for Indium. Due to the growing urbanization, Indium alloy is used in the production of solar cells due to low production cost, low pollution, and good performance under low light are expected to drive the demand for Indium in the Global Market. Indium is used in a variety of fusible alloys used to manufacture fuses, temperature controllers, and signaling devices and also used as a gasket or lining material in high altitude instruments and aerospace equipment that can adhere to a variety of materials is driving the demand for Global Indium market. The mentioned factors have made the Asia-Pacific an essential region for growth in the Indium Market.

Some of the market's key players are Indium Corporation, 3M Company, Avalon Advanced Materials Inc., Korea Zinc Co., Ltd, Umicore N.V., among others.

In September 2021, Indium was considered an essential material for display technology. About 65% of Indium is consumed globally in flat panel displays and touchscreens.

Global Indium Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Indium market by segmenting based on the By Product (Ingot, Granule, Wire, Foil, Oxide, Others), By Application (Indium Tin Oxide, Semiconductor, Denture, Solar Cell,

Alloy, Others), and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers and includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

Contents

1. Executive Summary

2. Research Scope and Methodology

- 2.1 Aim & Objective of the study
- 2.2 Market Definition
- 2.3 Study Information
- 2.4 General Study Assumptions
- 2.5 Research Phases

3. Market Analysis

- 3.1 Introduction
- 3.2 Market Dynamics
 - 3.2.1 Drivers
 - 3.2.2 Restraints
- 3.3 Market Trends & Developments
- 3.4 Market Opportunities
- 3.5 Feedstock Analysis
- 3.6 Regulatory Policies
- 3.7 Analysis of Covid-19 Impact

4. Industry Analysis

- 4.1 Supply Chain Analysis
- 4.2 Porter's Five Forces Analysis
 - 4.2.1 Competition in the Industry
 - 4.2.2 Potential of New Entrants into the Industry
 - 4.2.3 Bargaining Power of Suppliers
 - 4.2.4 Bargaining Power of Consumers
 - 4.2.5 Threat of substitute products

5. Market Segmentation & Forecast

- 5.1 By Product
 - 5.1.1 Ingot
 - 5.1.2 Granule
 - 5.1.3 Wire
 - 5.1.4 Foil
 - 5.1.5 Oxide

- 5.1.6 Others
- 5.2 By Application
 - 5.2.1 Indium Tin Oxide
 - 5.2.2 Semiconductor
 - 5.2.3 Denture
 - 5.2.4 Solar Cell
 - 5.2.5 Alloy
 - 5.2.6 Others

Regional Market Analysis

- 6.1 North America
 - 6.1.1 United States
 - 6.1.2 Canada
 - 6.1.3 Mexico
- 6.2 Europe
 - 6.2.1 Germany
 - 6.2.2 United Kingdom
 - 6.2.3 Italy
 - 6.2.4 France
 - 6.2.5 Spain
 - 6.2.6 Rest of Europe
- 6.3 Asia-Pacific
 - 6.3.1 China
 - 6.3.2 India
 - 6.3.3 Japan
 - 6.3.4 South Korea
 - 6.3.5 Rest of Asia-Pacific
- 6.4 South America
 - 6.4.1 Brazil
 - 6.4.2 Argentina
 - 6.4.3 Rest of South America
- 6.5 Middle East & Africa
 - 6.5.1 South Africa
 - 6.5.2 Saudi Arabia
 - 6.5.3 Rest of Middle East & Africa

Company Profiles

- um Corporation
- Company

ion Advanced Materials Inc.
ea Zinc Co., Ltd
core N.V.
star N.V.
ng Poong Corporation
M Pure Metals GmbH
k Resources Limited
to Denko Corporation
angxi China Tin Group Co., Ltd
wa Holdings
eenNovo Environmental Technology Co., Ltd
oTech Materials, Inc
nan Yuguang Gold & Lead Co., Ltd
companies is not exhaustive

Competitive Landscape

of Notable Players in the Market
A, JV, and Agreements
ket Share Analysis
tegies of Key Players

Conclusions and Recommendations

List Of Tables

LIST OF TABLES

Global Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

North America Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

United States Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Canada Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Mexico Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Europe Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

United Kingdom Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Germany Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Other Supporting Charts

Italy Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

France Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Spain Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Rest of Europe Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

South America Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Brazil Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Argentina Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Rest of South America Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Asia-Pacific Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

China Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

India Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

Japan Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

South Korea Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

ASEAN Countries Indium Market Size, Market Growth & Market Forecast Volume(in
Kilo ton), 2017-2027

Rest of Asia-Pacific Indium Market Size, Market Growth & Market Forecast Volume(in
Kilo ton), 2017-2027

Middle East & Africa Indium Market Size, Market Growth & Market Forecast Volume(in
Kilo ton), 2017-2027

Saudi Arabia Indium Market Size, Market Growth & Market Forecast Volume(in Kilo
ton), 2017-2027

South Africa Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

Rest of Middle-East & Africa Indium Market Size, Market Growth & Market Forecast
Volume(in Kilo ton), 2017-2027

Indium Tin Oxide - Indium Market Size, Market Growth & Market Forecast Volume(in
Kilo ton), 2017-2027

Semiconductor - Indium Market Size, Market Growth & Market Forecast Volume(in Kilo
ton), 2017-2027

Denture - Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

Solar Cell - Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

Alloy - Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

Others - Indium Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

I would like to order

Product name: Global Indium Market Outlook to 2027

Product link: <https://marketpublishers.com/r/GF13FE1FC4C2EN.html>

Price: US\$ 4,490.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF13FE1FC4C2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970