

# North America High-Density Polyethylene (HDPE) Market to Surpass at a Revenue of US\$ 32.9 Billion by 2031

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/EINPresswire.com/ -- [Astute Analytica](#) (NYSE:ASTU) revenue is forecast to reach grow by US\$ 32.9 billion by 2031 from US\$ 20.6 billion in 2022, growing at a CAGR of 5.52% during the forecast period from 2023 to 2031.

For more information, please contact [info@astuteanalytica.com](mailto:info@astuteanalytica.com) or visit <https://www.astuteanalytica.com/request-sample/north-america-high-density-polyethylene-hdpe-market>

In the upcoming years, the North America high-density polyethylene (HDPE) market is likely to expand significantly due to rising demand from sectors like packaging, construction, and automotive. Due to its distinctive combination of qualities, HDPE packaging is plastic with numerous packaging applications. For instance, the French-based polymer company TotalEnergies will commercially introduce its new high-density polyethylene (HDPE) resin for tethered cap applications in June 2023.

Government rules aimed at decreasing plastic waste and boosting sustainable practices are also likely to have an impact on the market. The market is also rising due to the improvements in technology and manufacturing methods. For instance, the EPA reiterated its commitment to raising the U.S. recycling rate to 50% by 2030 in its publication of the National Recycling Strategy in November 2021. Additionally, Trash Free Waters is a voluntary program that emphasizes stakeholder participation to help U.S. and foreign communities manage marine trash that is mostly caused by land-based sources.

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The blow molding segment is likely to capture more than 36% of total revenue. The growing desire for lightweight and fuel-efficient vehicles drives the blow molding demand in the automotive industry. The demand for HDPE blow molding is also increasing by the rising



popularity of electric vehicles, which require lightweight components to increase their efficiency. For instance, in 2022, EVs accounted for 5.6% of all new car registrations in the United States. It increased from 1.8% in 2020 and 3.1% in 2021.

HDPE is one of the most often used materials in the packaging sector, notably rigid and flexible packaging. In fact, by 2031, it is anticipated that the segment will account for more than 40% of the global High-Density Polyethylene (HDPE) market's revenue. One of the key factors propelling the HDPE packaging market in North America is the rising demand for environmentally friendly packaging. Due to their adaptability and usability in the North American HDPE market, HDPE films are in greater demand. The need for HDPE bags and envelopes for the packaging and transportation of goods is rising along with the popularity of e-commerce and online shopping.

The construction industry contributed over 14% of the market's revenue in 2022. The demand for HDPE is rising due to the comeback of the North American construction market for uses such as geomembranes, pipelines, and fittings. The U.S. economy greatly benefits from the construction industry. In addition, North American construction output increased by 2.4% in 2022. As a result, this will boost demand for pipes, fittings, and other products, which will propel market expansion.

Distributor sales have historically dominated the market in North America, accounting for nearly 61% of total material sales. The vast majority of HDPE is sold via distributors, who stand between producers and consumers. Due to the established connections, affordable prices, and thorough customer service, this channel is favored. Diverse HDPE goods are available via distributors, who also frequently offer value-added services, including product suggestions, technical assistance, and logistics management.

With an 87% revenue share, the United States dominates the North America market. The U.S. market contributed around US\$ 17.93 billion of North America's US\$ 20.61 billion total market value in 2022. The country's sizable and varied economy, rising demand across end-use industries, and a strong commitment to sustainability programs are the main drivers of this sizeable share.

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Around 30% of HDPE materials are recycled in the US, and demand for recycled HDPE products is on the rise. Around 29.3% of HDPE containers and packaging were recycled in 2018,

demonstrating the nation's dedication to environmental protection and sustainability. In 2020, the US market for high-density polyethylene (HDPE) imported about 3.3 billion pounds while exporting roughly 2.7 billion pounds. This demonstrates that in-country demand for HDPE materials is high in the U.S. market.

In order to preserve their market share and benefit from the sector's growth, manufacturers must keep ahead of the curve by emphasizing innovation, cost efficiency, and supply chain management.

#### Global High-Density Polyethylene (HDPE) Market

The high-density polyethylene market is highly competitive. According to Astute Analytica insights, Dow, Exxon Mobil Corporation, INEOS, SABIC, and LyondellBasell Industries Holdings BV are the leading players in the market. Many local, regional, and international vendors can be found in the global High-Density Polyethylene (HDPE) market.

By making R&D investments, incorporating cutting-edge technology into their products, and releasing updated items for the market, the players continue to dominate the market. A variety of tactics are used, including signing agreements, mergers, and collaborations.

DOW is an international chemical corporation with an American base. Its parent company is Dow Inc., and its well-known international subsidiaries include Dow Corning, Rohm, and Haas. They specialize in the creation of innovative, chemical, scientific, and environmentally friendly packaging and infrastructural solutions. They produce polyethylene and polyurethane.

#### Key Players in the Global High-Density Polyethylene (HDPE) Market

- Chevron Phillips Chemical Company
- Dynaflex Pipe Technologies
- Dynalab Corp.
- Exxon Mobil Corporation
- Formosa Plastics Corporation
- Hy-Pro Plastics Inc.
- INEOS AG
- LyondellBasell Industries N.V.
- Mitsui Chemicals Inc.
- Omni Plastic Manufacturing Ltd
- PetroChina Company Ltd.
- Prime Polymer Co. Ltd.
- Reliance Industries Ltd.
- SINOPEC Beijing Yanshan Company
- The Dow Chemical Company
- Other Prominent Players

HDPE MARKET REPORT

HDPE is a thermoplastic polymer made of ethylene. It is a common plastic used in a wide range of applications, from packaging to construction. HDPE is known for its strength, durability, and resistance to chemicals. It is also recyclable.

HDPE is used in:

- Blow Molding
- Injection Molding
- Films & Sheets
- Pipe & Fittings

HDPE is used in:

- Packaging
- Electrical and Electronics
- Building and Construction
- Agriculture
- Industry and Machinery
- Automotive
- Fibers & Textiles
- Wires & Cables
- Others

HDPE is sold through:

- Direct
- Distributor
- Online

HDPE is sold in:

- The USA
- Canada
- Mexico

For more information, please contact us at:

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HDPE MARKET REPORT:

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They are able to make well-calibrated decisions and leverage highly lucrative opportunities while surmounting the fierce challenges all because we analyse for them the complex business environment, segment-wise existing and emerging possibilities, technology formations, growth estimates, and even the strategic choices available. In short, a complete package. All this is possible because we have a highly qualified, competent, and experienced team of professionals comprising business analysts, economists, consultants, and technology experts. In our list of priorities, you-our patron-come at the top. You can be sure of the best cost-effective, value-added package from us, should you decide to engage with us.

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