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Hybrid & Electric Vehicles: Mexico

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About This Report

Scope

This report forecasts to 2026 hybrid and electric vehicle (HEV) demand and production in units in Mexico. Total demand is segmented by powertrain in terms of:

- full hybrid
- plug-in hybrid
- electric (including battery- and fuel cell-powered vehicles)

Total demand is also segmented by vehicle type as follows:

- light vehicles
- medium- and heavy-duty vehicles

To illustrate historical trends, total demand is provided in annual series from 2011 to 2021; production and the various segments are reported at five-year intervals for 2011, 2016, and 2021.

Excluded from the scope of this report are micro hybrids, in which vehicle propulsion is generated from an internal combustion engine, but some technological features found in hybrid vehicles – specifically start-stop systems – are used to improve fuel economy. However, because these vehicles do not use an electric motor for propulsion, they fall outside the scope of this report. Electric motorcycles and e-bikes are also excluded from this report.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading companies, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Hybrid & Electric Vehicles: Mexico (FD85023) is based on *Global Hybrid & Electric Vehicles*, a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources, such as:

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

- indicator forecasts by The Freedonia Group
- the findings of other reports and 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

Table 6 | NAICS & SIC Codes Related to Hybrid & Electric Vehicles

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
336111	Automobile manufacturing	3711	Motor vehicles and passenger car bodies
336112	Light truck and utility vehicle manufacturing		
336120	Heavy duty truck manufacturing		

Source: US Census Bureau

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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Resources

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Global Hybrid & Electric Vehicles

Freedonia Industry Studies

Global Automotive Coatings

Global Batteries

Global Buses

Global Engine Oils

Global Flat Glass

Global Lubricants

Global Motor Vehicle Outlook 2020

Global Motorcycle Lubricants

Global Motorcycles

Global Off-Road Equipment Technology 2022

Global Thermoplastic Elastomers: Motor Vehicle Market

Global Tires

Freedonia Focus Reports

Batteries: Canada

Batteries: United States

Car & Truck Rental: United States

Crude Petroleum: United States

Energy: United States

Freight by Truck: United States

Global Light Vehicles

Global Medium- & Heavy-Duty Trucks & Buses

Medium- & Heavy-Duty Trucks & Buses: United States

Motor Vehicle Biofuels: United States

Motor Vehicle Leasing: United States

Motor Vehicles: Canada

Motor Vehicles: United States

Power Transmission Components: United States

Public Transport: United States

Semiconductors: United States

Transport Equipment: United States

Freedonia Custom Research

Trade Publications

CleanTechnica

Green Car Congress

Green Car Reports

HybridCars.com

WardsAuto

Agencies & Associations

American Public Transportation Association

International Council on Clean Transportation

International Energy Agency

International Monetary Fund

Mexican Association of the Automotive Industry

Organisation for Economic Co-operation and Development

United Nations Comtrade

World Bank