World Gears

Industry Study with Forecasts for **2019 & 2024**

Study #3320 | October 2015 | $6300 | 506 pages

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World Gears

Industry Study with Forecasts for ***2019 & 2024***

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INDUSTRY STRUCTURE

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Demand will be driven by growing motor vehicle and durable goods output, and by a shift toward more costly, energy-efficient units, such as 7- and 8-speed automatic transmissions, in the automotive market.

World demand to rise 6% annually through 2019

Worldwide demand for gears is projected to rise 6.0 percent per annum through 2019 to $221 billion, driven by healthy advances in motor vehicle and other durable goods output. In the automotive market, a shift toward more expensive, energy-efficient units, such as seven- and eight-speed automatic transmissions, will contribute to value gains. Additionally, sales of gears used in a number of relatively small but fast-growing applications, such as wind and solar power, are expected to increase significantly.

World Gear Demand, 2019
($221 billion)

China to account for nearly two-fifths of all growth

Gear demand will expand the fastest in China and other industrializing nations, where the production of motor vehicles, motorcycles, and other durable goods is expected to post the strongest increases. This will result in additional investment in new manufacturing capacity and a sharp increase in related gear sales in the Asia/Pacific region, the Africa/ Mideast region, Central and South America, and Eastern Europe. China alone is projected to account for nearly two-fifths of all market growth through 2019. In addition, in industrializing countries both small and large manufacturers of gear-using products are expected to increase their use of more expensive, higher-end gears, which will further boost market value gains.

Large, mature markets to see steady growth

The large, mature North American and West European gear markets are forecast to expand between three and four percent per year during the 2014-2019 period. Demand for gears in the US and Germany, the two largest markets in these regions, is expected to moderate after climbing twelve percent and six percent, respectively, from 2009 to 2014. In Japan, the world's third largest national market behind China and the US, sales of gears will decelerate through 2019 as well because of a drop in motor vehicle output. Nonetheless, durables manufacturing activity in North America, Western Europe, and Japan is projected to increase going forward and generate additional demand for gears. Consumer spending on durable goods in these areas will also rise as economic conditions improve further, encouraging local manufacturers to boost production of gear-using products. In addition, durable goods suppliers in North America, Western Europe, and Japan will benefit from new export opportunities in nearby developing countries. However, competition from new and existing alternative technologies -- such as continuously variable transmissions (CVTs) and gearless direct drive systems -- is expected to restrain sales growth in many mature gear markets.

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Sample Text, Table & Chart

ASIA/PACIFIC

Japan: Gear Supply & Demand

In 2014, demand for gears in Japan approached $18.4 b
senting 24 percent of the Asia/Pacific total. Japan was the w
largest market for these products in that year behind China a
The intensity of gear use in Japan -- compared to GDP -- is e
high by regional standards because of its massive, technolog
vanced, and export-oriented manufacturing sector. Japan is a
exporter of many durable goods because of its developed ind
base, which results in higher levels of gear demand. Additio
overwhelming majority of local end users incorporate more e
high-end gears in their durable goods, resulting in higher lev
uct sales. From 2009 to 2014, the Japanese gear market grew
annually, as durable goods output rose at a healthy pace. Ad
manufacturing activity were fueled by increasing demand fo
goods both at home and in other regions. Japan outperforme
other mature gear markets during this period.

Japan, the world's largest supplier, had gear shipments o
than ... ounting for 45 percent of regi
Japa... se, diverse gear industry beca
larg... dustries and advanced local m
ing ... s tend to offer high-end, soph
gear... cts, allowing them to compet
the ... nd medium-sized producers
gen... ountry posted a trade surplus
lion ... percent of shipments. Although Japanese
companies export extensively to all regions, the most important markets
are China, South Korea, and other Asia/Pacific countries as well as the
US. Despite the country's favorable trade position, Japan imports a large
amount of advanced and specialty gears, as well as lower-end products.
Shipments of gears grew 7.2 percent yearly between 2009 a
to large gains in domestic product demand and sharp increas

SAMPLE TEXT

TABLE V-4

GERMANY: GEAR SUPPLY & DEMAND
(million dollars)

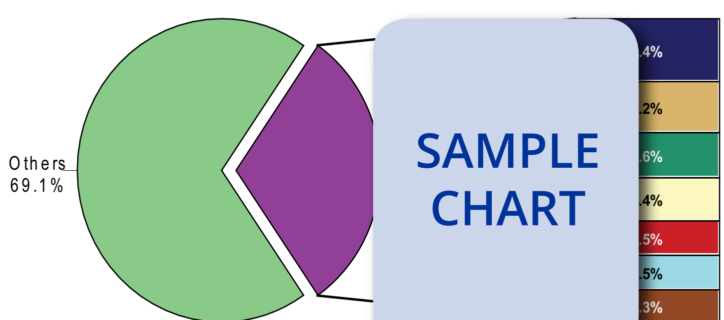
Item	2004	2009	2014	2019	2024
Population (million)					
per capita GDP					
Gross Domestic Product (bil 2013$)					
% durables MVA					
Durable Goods Mfg Value Added (bil 2013$)					
Motor Vehicle Production (000 units)					
Light Vehicles					
Medium & Heavy Trucks & Buses					
Motor Vehicles in Use (mil)					
$ gears/mil $ GDP					
$ gears/000$ durable goods					
$ gears/vehicle produced					
Gear Demand					
net exports					
Gear Production					
% Germany					
Western Europe Gear Production	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SAMPLE TABLE

Source: The Freedonia Group, Inc.

CHART VIII-1

WORLD GEAR MARKET SHARE, 2014
($165.0 billion)



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Sample Profile & Table, & Study Coverage

TABLE VII-5

BRAZIL: GEAR DEMAND BY PRODUCT
(million dollars)

Item	2004	2009	2014	2019	2024
Central & South America Gear Demand					
% Brazil					
Brazil Gear Demand					
Gear Assemblies:					
Vehicular					
Powertrain					
Steering					
Other					
Speed Reducers & Changers					
Gearmotors & All Other					
Individual Gears					

Source: The Freedonia Group, Inc.

SAMPLE TABLE

COMPANY PROFILES

Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4
Ireland
353-1-66
www.eat

Sales: $
Geograp 52%, Canada 5%,
Latin Ar Region 12%
Employ
Key Prod ecision forged gears

SAMPLE PROFILE

Eaton is a global diversified industrial manufacturer. It operates via five segments: Electrical Products, Electrical Systems and Services, Aerospace, Hydraulics, and Vehicle. The Company is involved in the world gear industry through the Vehicle segment, which had 2014 sales of $4.0 billion. Via this segment, Eaton designs, manufactures, and sells drivetrain and powertrain systems and critical components for use in passenger cars, light trucks, and commercial vehicles. Specific products from the Company include transmissions, differentials, and precision forged gears.

Eaton's transmissions are suitable for use in linehaul, heavy haul, logging, mining, oilfield, construction, city delivery, refuse, recreational, and agricultural vehicles; school buses; and transit coaches. Among the Company's products are automated manual transmissions in 6- to 18-speed types, constant mesh manual transmissions in 5- to 18-speed varieties, synchronized manual transmissions in 5- to 13-speed models, ULTRASHIFT heavy- and medium-duty automated manual transmissions, AUTOSHIFT transmissions with shift-by-wire systems, and

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STUDY COVERAGE

World Gears is a Freedonia study that offers historical data (2004, 2009, 2014) plus forecasts (2014, 2019) for supply and demand, as well as demand by product and market, in six regions and 19 countries. The study also details key market environment factors, assesses the industry structure, analyzes company market share and profiles 35 participants in the gears industry worldwide.

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Related Studies

World Gaskets & Seals

This study analyzes the world gasket and seal industry. It presents historical demand data (2004, 2009 and 2014) and forecasts (2019 and 2024) by market (e.g., motor vehicles, industrial machinery, electrical and electronic equipment), application (OEM, MRO), product (gaskets, seals) world region and major country. The study also considers market environment trends and indicators, details industry structure, evaluates company market share, and profiles leading competitors.

#3345............ December 2015................$6200

World Motorcycles

World demand for motorcycles will rise 5.9 percent yearly to 132.4 million units in 2018, valued at $119.5 billion. The Asia/Pacific region will remain the dominant market, while the Africa/Mideast region grows the fastest. E-bikes and other electric motorcycles will capture market share from internal combustion engine (ICE) models in most countries. This study analyzes the 99.5 million unit world motorcycle industry, with forecasts for 2018 and 2023 by type, world region, and for 23 countries. The study also evaluates company market share and profiles industry players.

#3198............ December 2014................$6500

World Bearings

Global demand for ball, roller, and plain bearings is projected to rise 7.3 percent annually to $104.5 billion in 2018. Almost half of all additional product demand will be accounted for by China, while the US market will grow at one of the fastest rates of any developed nation, driven by an acceleration in economic growth and durable goods output. This study analyzes the $74 billion world bearings industry, with forecasts for 2018 and 2023 by product, market, world region, and for 31 countries. The study also evaluates company market share and profiles industry players.

#3182........... September 2014...............$6400

World Hybrid & Electric Vehicles

World hybrid and electric vehicle (H/EV) sales will more than double through 2018, accounting for nearly one-quarter of all new motor vehicles sold. Gains will be led by micro and mild hybrids, which are conventional vehicles equipped with relatively low-cost systems (e.g., start-stop, regenerative braking) that reduce fuel use and vehicle emissions. This study analyzes the 10.1 million unit world H/EV industry, with forecasts for 2018 and 2023 by type, market, world region, and for 18 countries. The study also evaluates company market share and profiles industry players.

#3155.................June 2014.....................$6100

Wind Turbine Systems

US demand for wind turbine systems is forecast to reach $18.9 billion in 2018, a nearly ninefold increase over severely depressed 2013 levels. The market for wind turbines tends to be highly volatile due to its reliance on government incentives. Feed-in tariff payments and various grants from the Department of Energy will drive gains going forward. This study analyzes the $2.1 billion US wind turbine system industry, with forecasts for 2018 and 2023 by type, component, application and US region. The study also evaluates company market share and profiles industry players.

#3139............... March 2014...................$5100

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