

# Global Automotive Sensors Market: Size, Trends & Forecasts (2017-2021)

December 2017



# Global Automotive Sensors Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Dynamics

Competitive Landscape

Company Profiling

# Global Automotive Sensors Market: Coverage

## Scope of the Report

Attributes	Details
Title	Global Automotive Sensors Market: Size, Trends & Forecasts (2017-2021)
Coverage	Global and Regional
Regional Coverage	North America, Europe, Japan, China, Asia(excluding Japan and China) and ROW
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2017-2021
Competition in the Market	Fragmented
Key Players	Robert Bosch GmbH (Bosch), Continental Corporation, Delphi Automotive Plc. and Denso Corporation.

# Global Automotive Sensors Market

## Executive Summary

A sensor is defined as a device that recognizes and reacts to some physical condition like heat, weight, humidity, movement, etc. The change influences the physical, compound or electromagnetic properties of the sensors which are converted into human readable form. The classification of sensors can be done on the basis of application, property and power or energy supply requirements.

Sensors are fundamental segments of automobiles electronic control frameworks. Sensors are characterized as devices that transform or transduce physical quantities such as pressure or acceleration into output signals that serve as inputs for control systems. The various area of sensors application in automobile are powertrain, chassis, body system and safety.

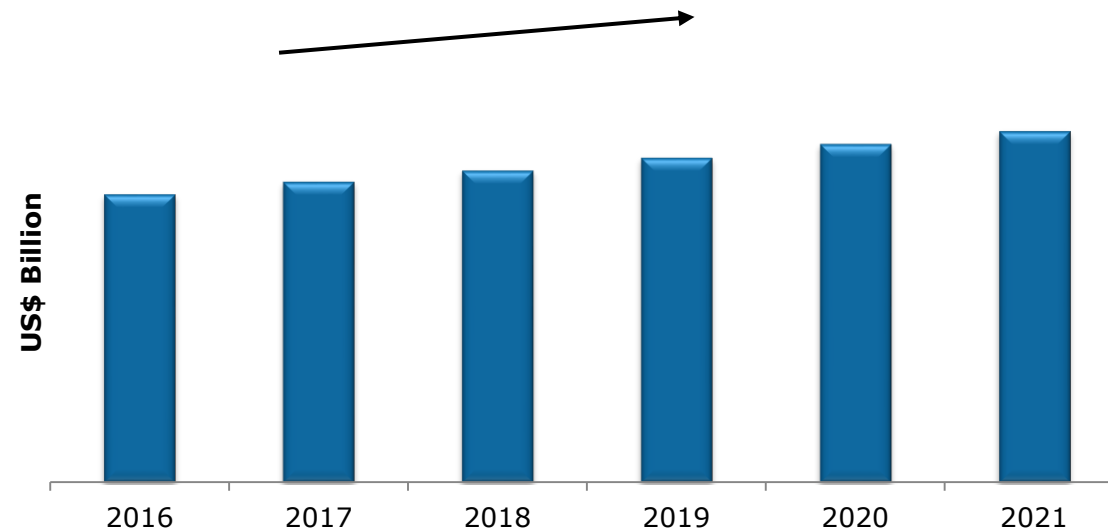
Powertrain contains the transmission, which depending on the type is subject to a different amount of sensors, and engine control that encompasses fuel injection pressure sensors, engine temperature, and numerous other valves and components that require some sort of physical measurement. A chassis is the physical frame or structure of an automobile; require sensors to measure the distance between the suspension and the chassis.

The body control sensor is a nonexclusive term for an electronic control unit in charge of observing and controlling different electronic adornments in an automotive body. The safety sensors are the sensors that used to prevent the threat of a collision or an accident and also prevent after the collision.

The global automotive sensors market is expected to increase at high growth rates during the forecasted period (2017-2021). The global automotive sensors is supported by various growth drivers, such as, increasing luxury cars sales, rising adoption of electric vehicles, falling sensors price, etc.

# Automotive Sensors Market: Global Analysis

## Global Automotive Sensors Market by Value



CAGRs

2016-2021

xx%

The global automotive sensors market value was US\$... billion in 2016. The market value is anticipated to increase to US\$... billion in 2021, as compared to US\$... billion in 2017. The market is expected to grow at a CAGR of ....% over the years 2017-2021.

# Automotive Sensors Market: Global Analysis

Global Automotive Sensors Market by Region; 2016



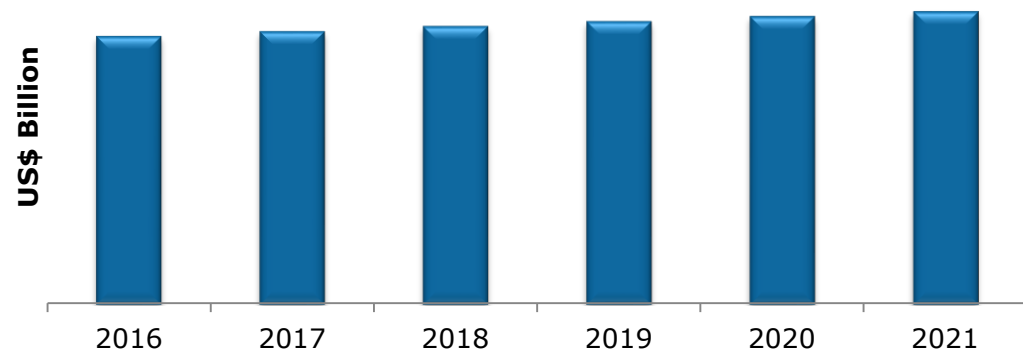
Global Automotive Sensors Market by Application; 2016



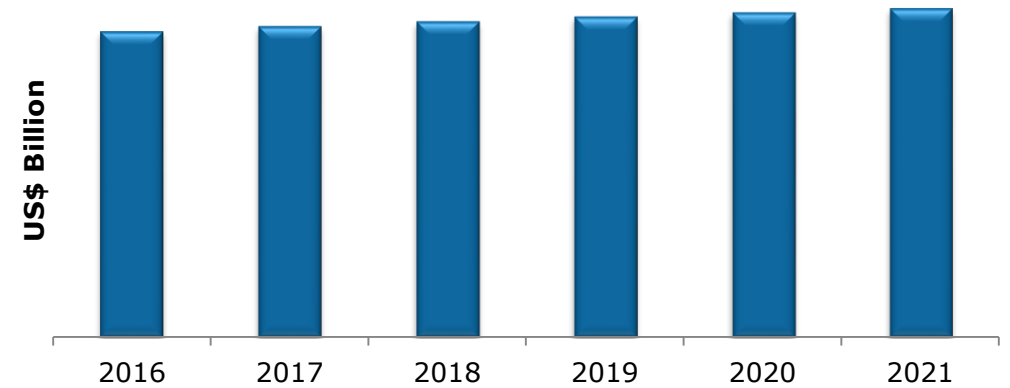
Applications	Share	CAGRs
Powertrain	xx%	xx%
Safety	xx%	xx%
Chassis	xx%	xx%
Body Systems	xx%	xx%

# Automotive Sensors Market: Application Analysis

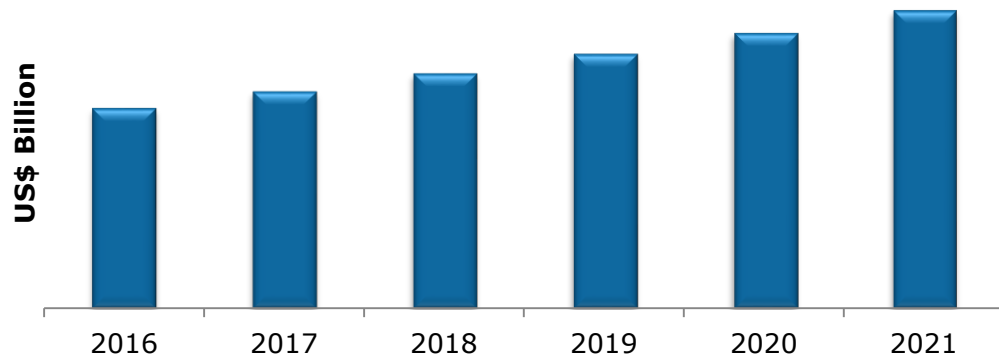
## Powertrain Automotive Sensors by Value



## Chassis Automotive Sensors Market by Value



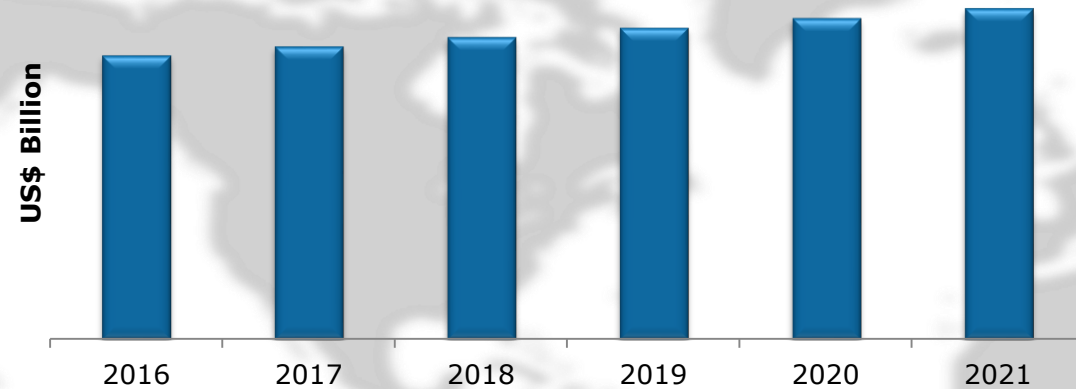
## Safety Automotive Sensors Market by Value



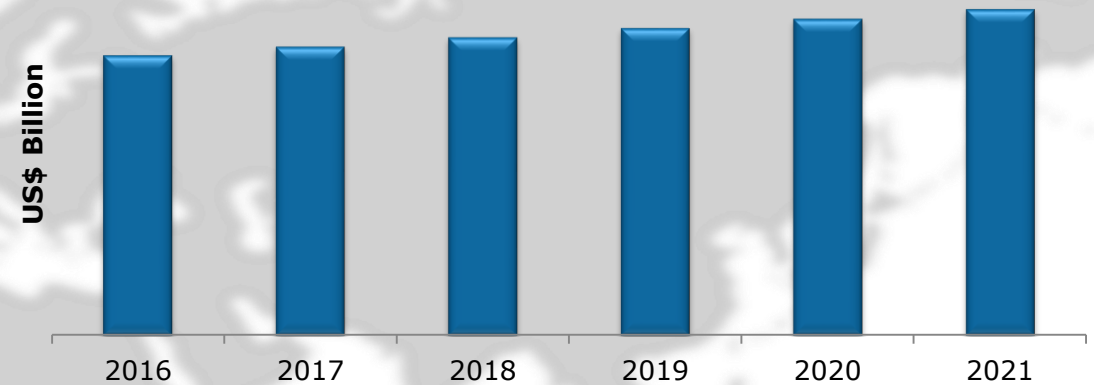
Segments	CAGR
	2016-2021
Powertrain Automotive Sensors	xx%
Chassis Automotive Sensors	xx%
Safety Automotive Sensors	xx%
Other	xx%

# Automotive Sensors Market: Regional Analysis

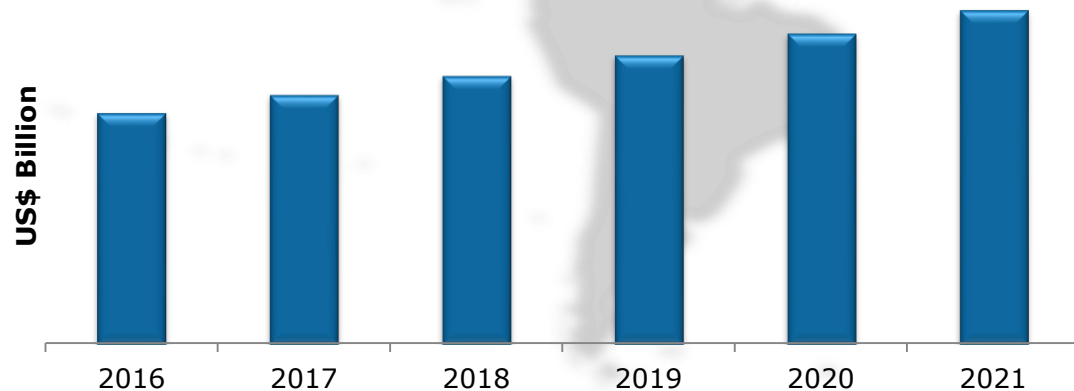
North America Automotive Sensors Market by Value



Europe Automotive Sensors Market by Value

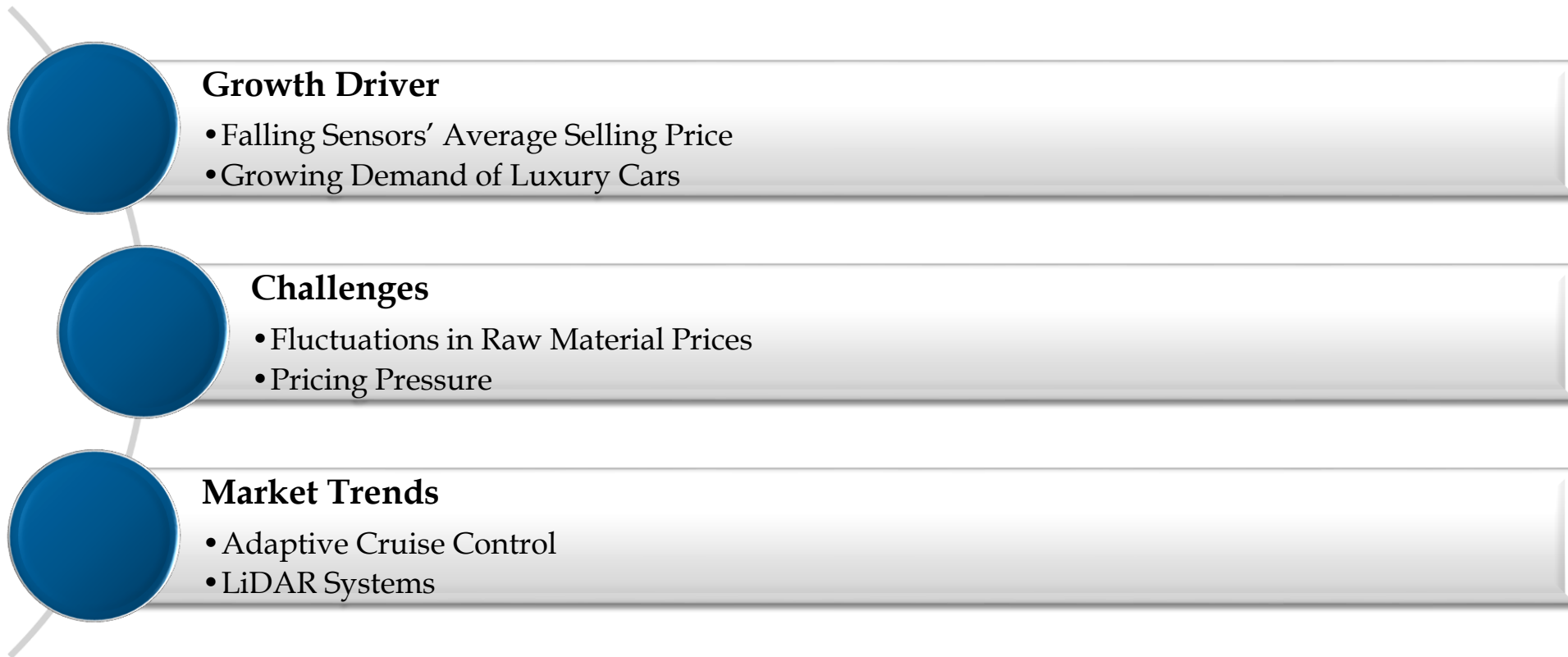


China Automotive Sensors Market by Value



Region	CAGR
	2016-2021
North America	xx%
Europe	xx%
China	xx%
Other	xx%

# Automotive Sensors Market: Dynamics



# Automotive Sensors Market: Competitive Landscape

## Players Profiled

- Robert Bosch GmbH (Bosch)



- Continental Corporation



- Delphi Automotive Plc.



- Denso Corporation



Note: The graphs on this slide are only for sample representation.