



# Global Automotive Sensors Market - Analysis By Vehicle Type (Passenger Car, Light Commercial Vehicle, Heavy Commercial Vehicle), By Application (Powertrain, Body & Convenience, Chassis & Safety, Body Electronics/Infotainment, Others), By Region, By Country (2019 Edition): Opportunities and Forecast (2014-2024)

- By Region - North America, Europe, Asia Pacific, ROW
- By Country - US, Canada, Germany, France, UK, Italy, China, Japan, India, South Korea



# Scope of the Report – Global Automotive Sensors Market

			Historical					Forecast					
			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Global	Market (By Value)		√	√	√	√	√	√	√	√	√	√	√
	By Application, By value	Powertrain	√	√	√	√	√	√	√	√	√	√	√
		Body and Convenience	√	√	√	√	√	√	√	√	√	√	√
		Chassis & Safety	√	√	√	√	√	√	√	√	√	√	√
		Body Electronics	√	√	√	√	√	√	√	√	√	√	√
		Others	√	√	√	√	√	√	√	√	√	√	√
	By Vehicle Type, By Value	Passenger Cars	√	√	√	√	√	√	√	√	√	√	√
		Light Commercial Vehicles	√	√	√	√	√	√	√	√	√	√	√
		Heavy Commercial Vehicles	√	√	√	√	√	√	√	√	√	√	√
Regional	Market (By Value)		√	√	√	√	√	√	√	√	√	√	√
	By Application, By value	Powertrain	√	√	√	√	√	√	√	√	√	√	√
		Body and Convenience	√	√	√	√	√	√	√	√	√	√	√
		Chassis & Safety	√	√	√	√	√	√	√	√	√	√	√
		Body Electronics	√	√	√	√	√	√	√	√	√	√	√
		Others	√	√	√	√	√	√	√	√	√	√	√
	By Vehicle Type, By Value	Passenger Cars	√	√	√	√	√	√	√	√	√	√	√
		Light Commercial Vehicles	√	√	√	√	√	√	√	√	√	√	√
		Heavy Commercial Vehicles	√	√	√	√	√	√	√	√	√	√	√

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Country	Market (By Value)		√	√	√	√	√	√	√	√	√	√	√	
	By Application, By value	Powertrain	√	√	√	√	√	√	√	√	√	√	√	√
		Body and Convenience	√	√	√	√	√	√	√	√	√	√	√	√
		Chassis & Safety	√	√	√	√	√	√	√	√	√	√	√	√
		Body Electronics/ Infotainment	√	√	√	√	√	√	√	√	√	√	√	√
		Others	√	√	√	√	√	√	√	√	√	√	√	√
	By Vehicle Type, By Value	Passenger Cars	√	√	√	√	√	√	√	√	√	√	√	√
		Light Commercial Vehicles	√	√	√	√	√	√	√	√	√	√	√	√
		Heavy Commercial Vehicles	√	√	√	√	√	√	√	√	√	√	√	√
Company Analysis	Robert Bosch GmbH (Germany), Continental AG (Germany), DENSO Corporation (Japan), Analog Devices, Inc. (US), Sensata Technologies, Inc. (US), Delphi Automotive PLC (UK), Infineon Technologies AG (Germany), and STMicroelectronics (Switzerland), Autoliv Inc., NXP semiconductors (US)													
Regional Analysis	North America, Europe, APAC, ROW													
Country Analysis	US, Canada, UK, Germany, France, Italy, China, Japan, India, South Korea													

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# Research Methodology

For our study on Global Automotive Sensors Market, we have conducted comprehensive secondary research followed by an extensive primary research. In the process of secondary research, we have scrutinized industry documents, accessed from open sources, premium paid databases (Bloomberg, Thomson Reuters, Factiva) and our internal knowledge base. In the process of primary research, we have interviewed various industry experts across the value chain of Automotive Sensors.

Market size of the actual period (2014-2018) has been evaluated on the basis of growth trends of the industry in the last five years, and confirming the findings through primary research. Annual reports of the companies were scanned to further validate the market size and to estimate the size of various other end-user sectors. Market sizing and growth in the forecast period (2019-2024) is estimated through product mapping, application in end-user industries, growth of allied sectors and historical growth pattern of the industry. All the relevant data points/statistics in the forecast period are validated through relevant and reliable primary sources.

**Report Focus:** Global Automotive Sensors Market

- By Vehicle Type – (Passenger Car, Light Commercial Vehicles, Heavy Commercial Vehicles)
- By Application (Powertrain, Body & Convenience, Chassis & Safety, Body Electronics/Infotainment, Others)
- By Region (North America, Europe, Asia Pacific, ROW)
- By Country (US, Canada, UK, Germany, France, Italy, China, Japan, India, South Korea)
- By Company (Robert Bosch GmbH (Germany), Continental AG (Germany), DENSO Corporation (Japan), Analog Devices, Inc. (US), Sensata Technologies, Inc. (US), Delphi Automotive PLC (UK), Infineon Technologies AG (Germany), and STMicroelectronics (Switzerland), NXP semiconductors, Autoliv Inc.).

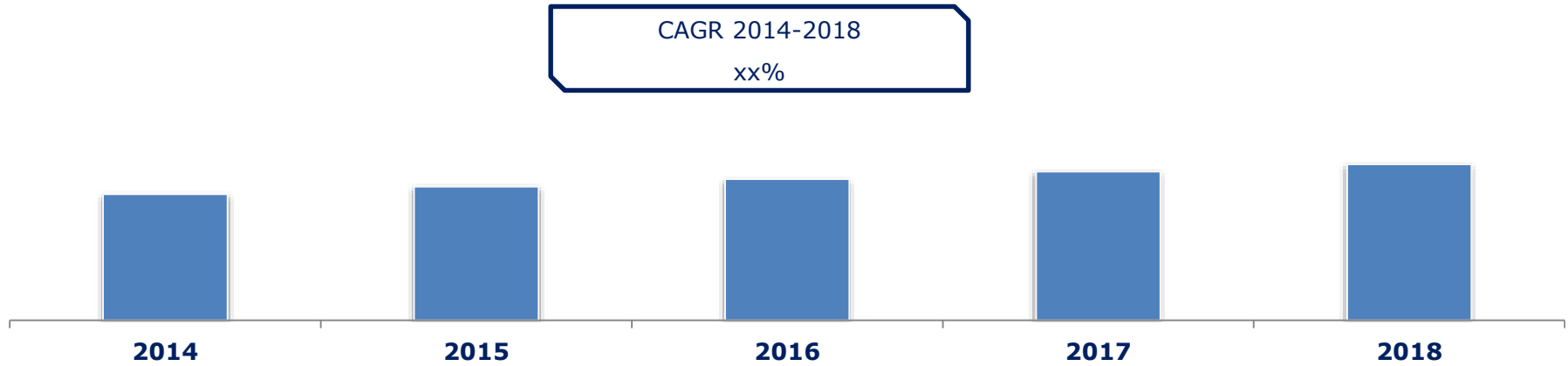
**Companies Contacted:**

Technoton Sensors, Delta Automotive

# Global Automotive Sensors Market, By Value

Growing population in the region and strong industrial growth backed with rising demand for passenger vehicles and infotainment sensors in vehicles fuelling growth in the global market

**Figure 1: Global Automotive Sensors Market Size, By Value, 2014-2018 (In USD Million)**



Source: Azoth Analytics Estimates

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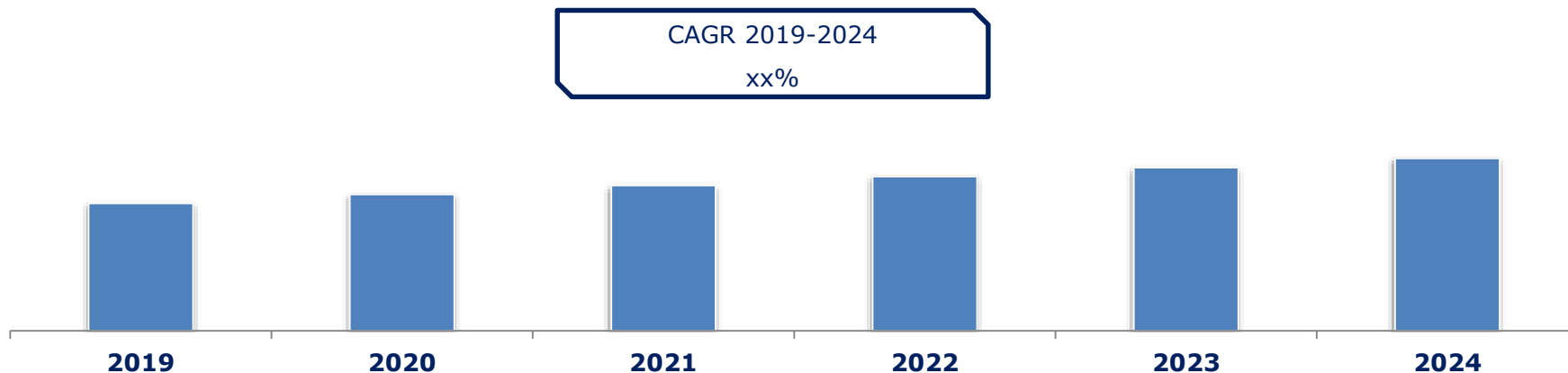
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# Global Automotive Sensors Market, By Value

Growing focus of manufacturers on Artificial Intelligence and to offer vehicles which are safer, secure and provide convenience to the driver as well as passengers will be pushing market growth

Figure 15: Global Automotive Sensors Market Size, By Value, 2019-2024 (In USD Million)



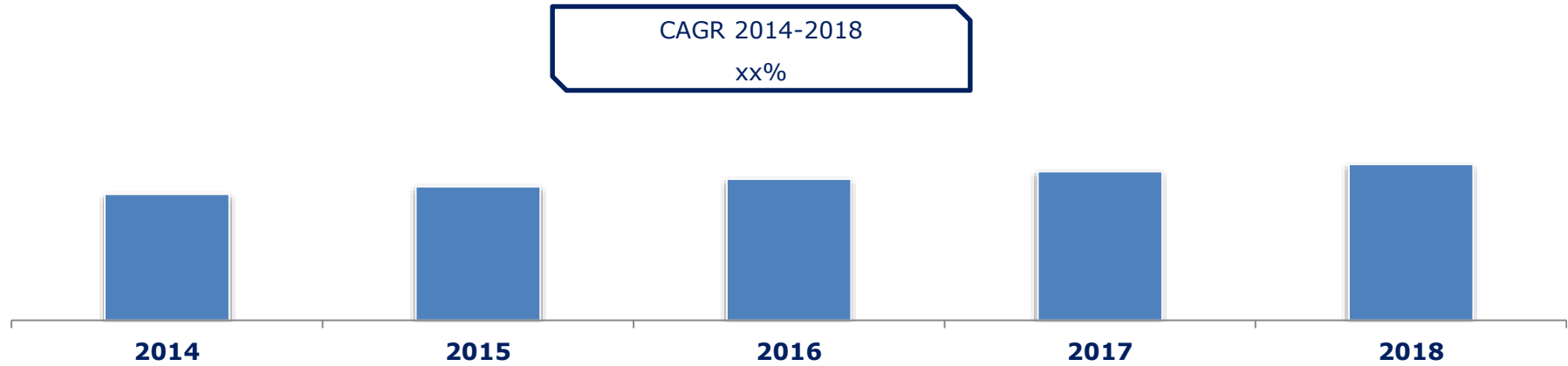
Source: Azoth Analytics Estimates

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# Global Automotive Sensors – Passenger Car Market Overview

Enhanced inclusion of futuristic technology into manufacturing of vehicles and production of vehicles that are efficient expected to supplement the automotive Sensors market growth globally

**Figure 18: Global Automotive Sensors – Passenger Car Market Size, 2014-2018 (In USD Million)**



Source: Azoth Analytics Estimates

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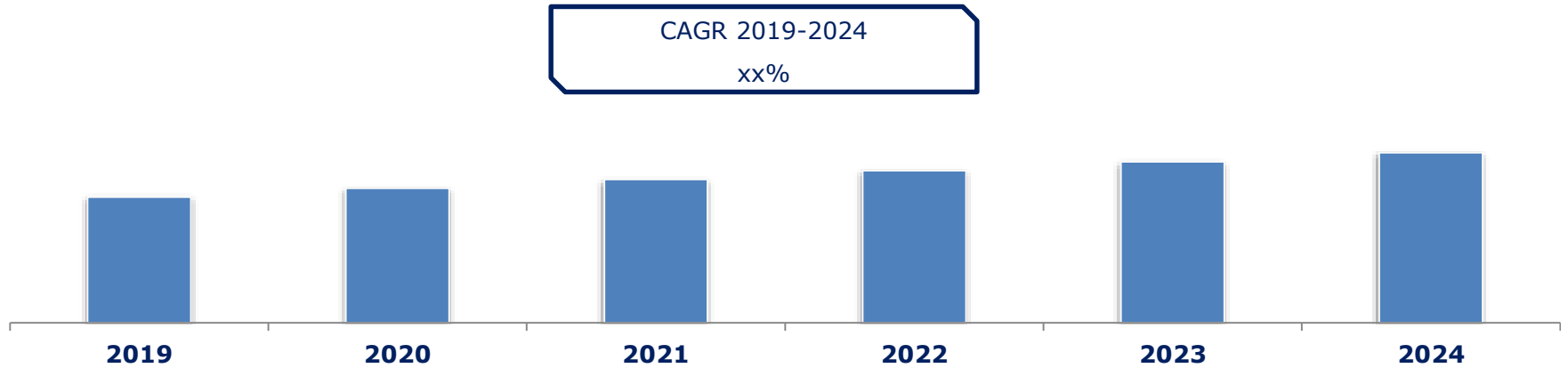
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# Global Automotive Sensors – Passenger Car Market Overview

Passenger getting educated about road safety backed with number of policies implemented by government and driving the demand for safe, secure vehicles which will be pulling the sensors market

**Figure 19: Global Automotive Sensors – Passenger Car Market Size, 2019-2024 (In USD Million)**



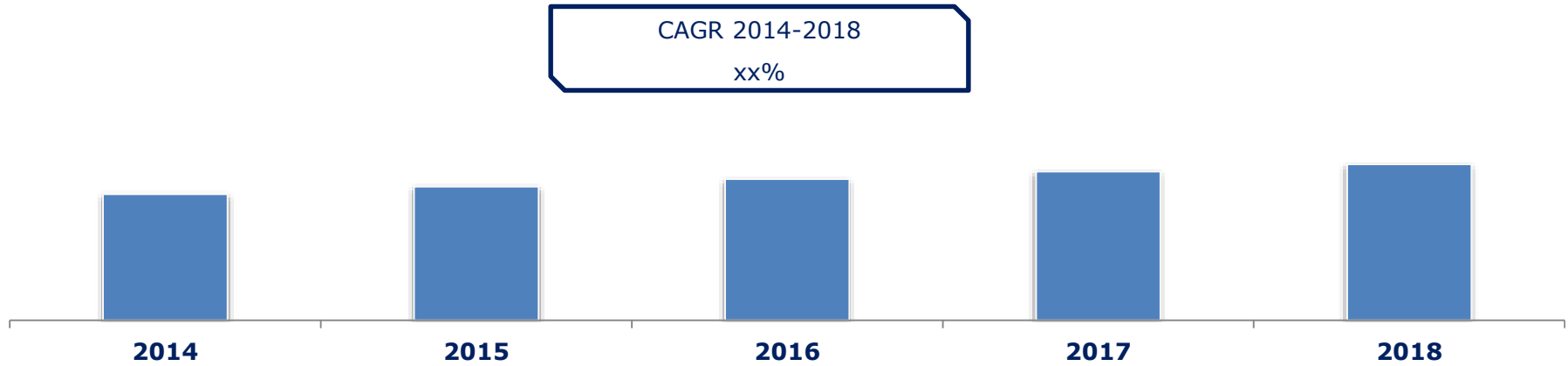
Source: Azoth Analytics Estimates

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# Global Automotive Sensors – Light Commercial Vehicles (LCV) Market Overview

Escalating use of commercial vehicles for logistics and transportation of goods and services, clubbed with manufacturers bringing value for money trucks in the market injecting strong growth in the market

Figure 20: Global Automotive Sensors – Light Commercial Vehicles Market Size, By Value, 2014-2018 (In USD Million)



Source: Azoth Analytics Estimates

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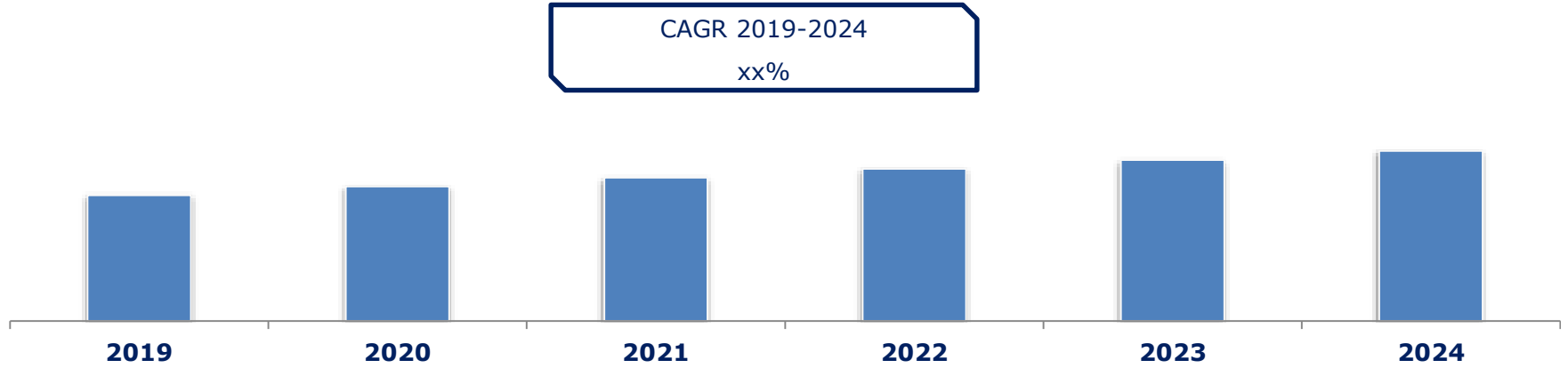
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# Global Automotive Sensors – Light Commercial Vehicles (LCV) Market Overview

Surging consumption of goods by consumers and growing middle class families in the world will be driving positive Automotive Sensors market growth globally

Figure 21: Global Automotive Sensors – Light Commercial Vehicles Market Size, By Value, 2019-2024 (In USD Million)



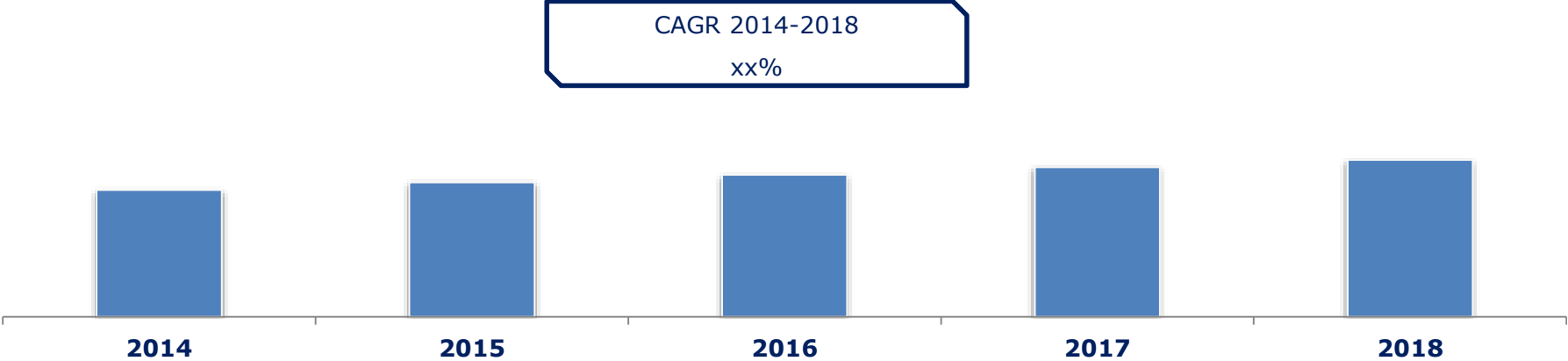
Source: Azoth Analytics Estimates

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# Global Automotive Sensors – Heavy Commercial Vehicles (HCV) Market Overview

Positive signs of growth shown by construction industry and enhanced focus of government on infrastructure building with burgeoning demand for more efficient trucks fuelling market growth

Figure 22: Global Automotive Sensors – Heavy Commercial Vehicles Market Size, By Value, 2014-2018 (In USD Million)



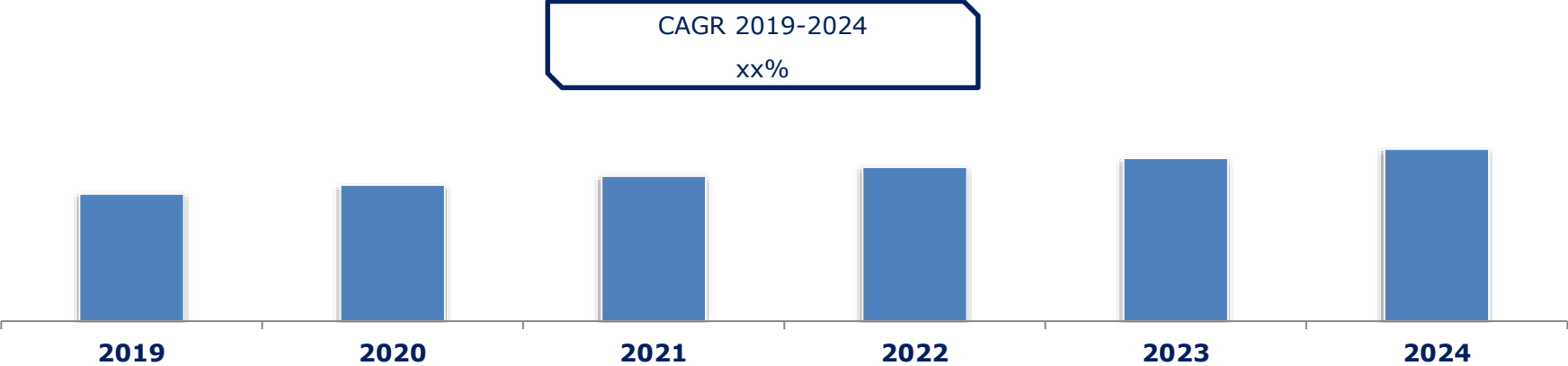
Source: Azoth Analytics Estimates

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# Global Automotive Sensors – Heavy Commercial Vehicles (HCV) Market Overview

Growing inclusion of digital technology and the vision of making mobility emission free backed with growing availability of sensors expected to supplement the market growth globally

Figure 23: Global Automotive Sensors – Heavy Commercial Vehicles Market Size, By Value, 2019-2024 (In USD Million)



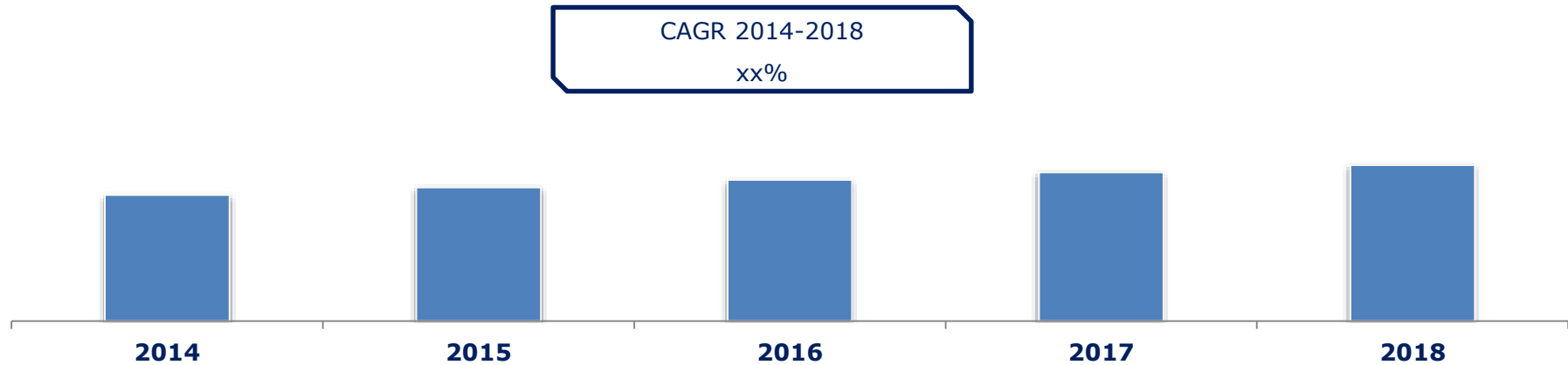
Source: Azoth Analytics Estimates

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# Global Automotive Sensors Market Overview - Powertrain

Enhanced usage of powertrain sensors in vehicles so as to keep the driver informed about the vehicle and increasing application in all vehicle types propelling the Sensors market growth globally

**Figure 26: Global Automotive Sensors Market Size Powertrain, 2014-2018 (In USD Million)**



Source: Azoth Analytics Estimates

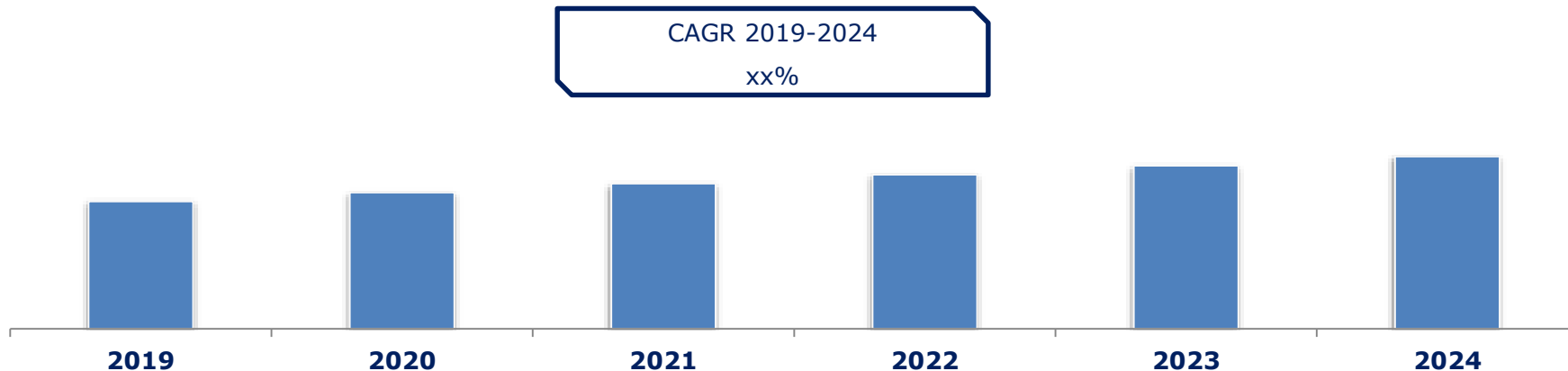
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# Global Automotive Sensors Market Overview - Powertrain

Growing concern regarding increasing pollution level and burgeoning demand for more efficient vehicles will be accelerating growth in the global automotive sensors market

**Figure 27: Global Automotive Sensors Market Size Powertrain, 2019-2024 (In USD Million)**



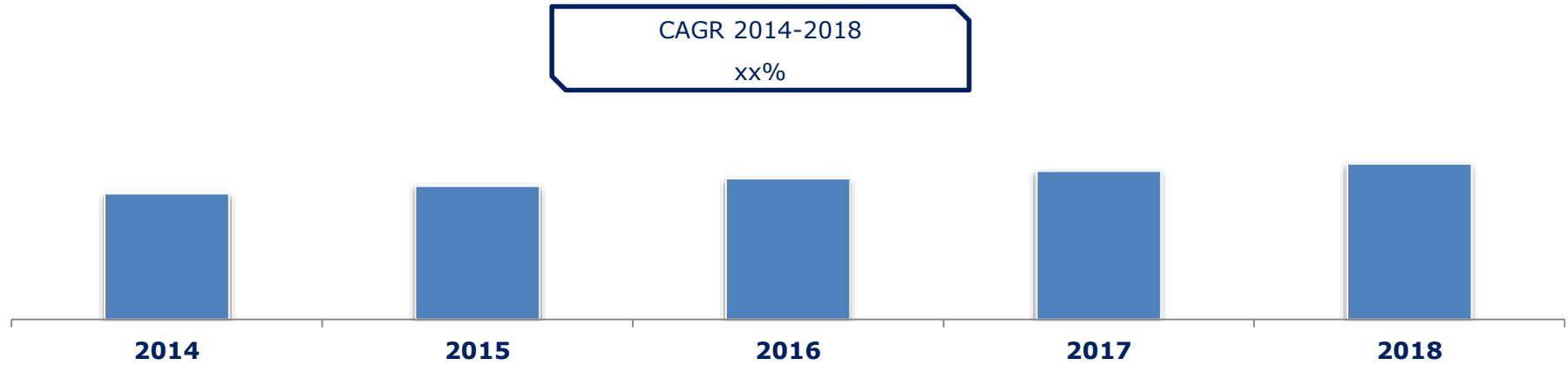
Source: Azoth Analytics Estimates

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# Global Automotive Sensors Market Overview - Body & Convenience

Growing stress upon safety of passengers and growing distress regarding increasing road fatalities powering the Global Automotive Sensors market growth

**Figure 28: Global Automotive Sensors Market Size - Body & Convenience, By Value, 2014-2018 (In USD Million)**



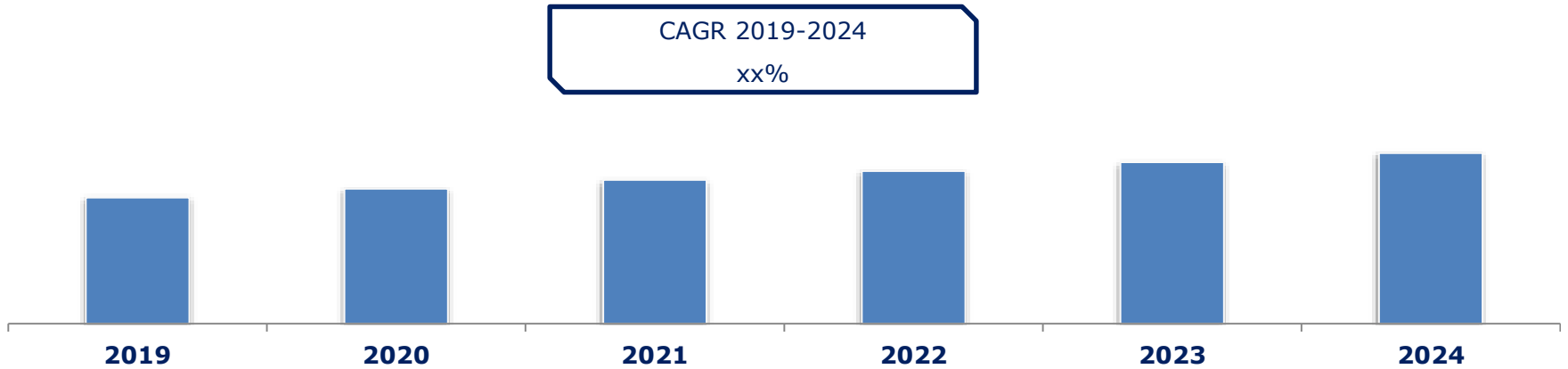
Source: Azoth Analytics Estimates

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# Global Automotive Sensors Market Overview - Body & Convenience

Manufacturers focusing on expanding their product portfolio and providing solutions to consumers that provide them convenience in the vehicles expected to boost market growth

Figure 29: Global Automotive Sensors Market Size - Body & Convenience, By Value, 2019-2024 (In USD Million)



Source: Azoth Analytics Estimates

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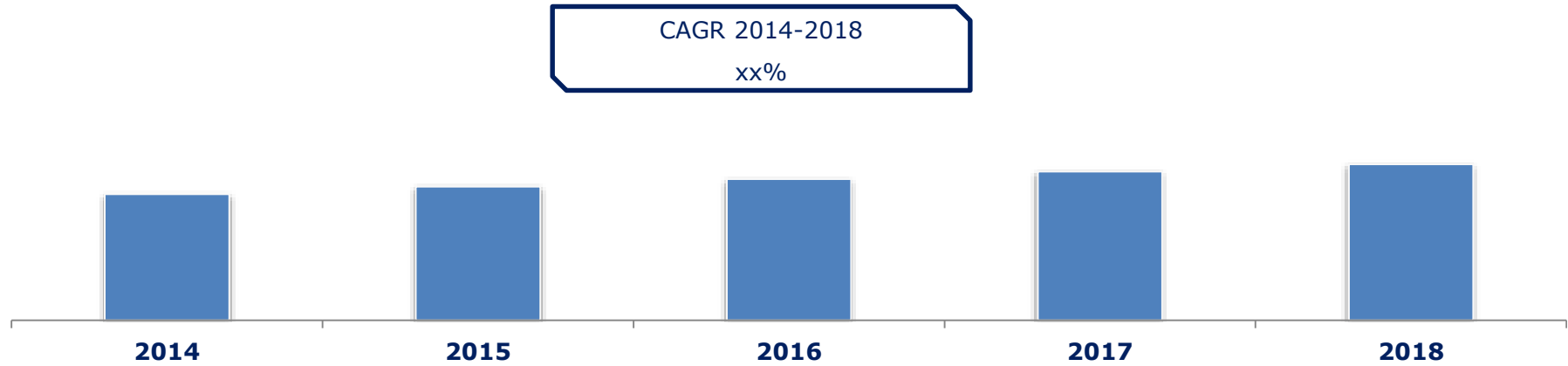
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# Global Automotive Sensors Market Overview – Chassis & Safety

Escalating production of sensors that support vehicle dynamics and availability of a number of chassis sensors in the market fulfilling the Automotive Sensors market growth in the region

**Figure 30: Global Automotive Sensors Market Size – Chassis & Safety, 2014-2018 (In USD Million)**



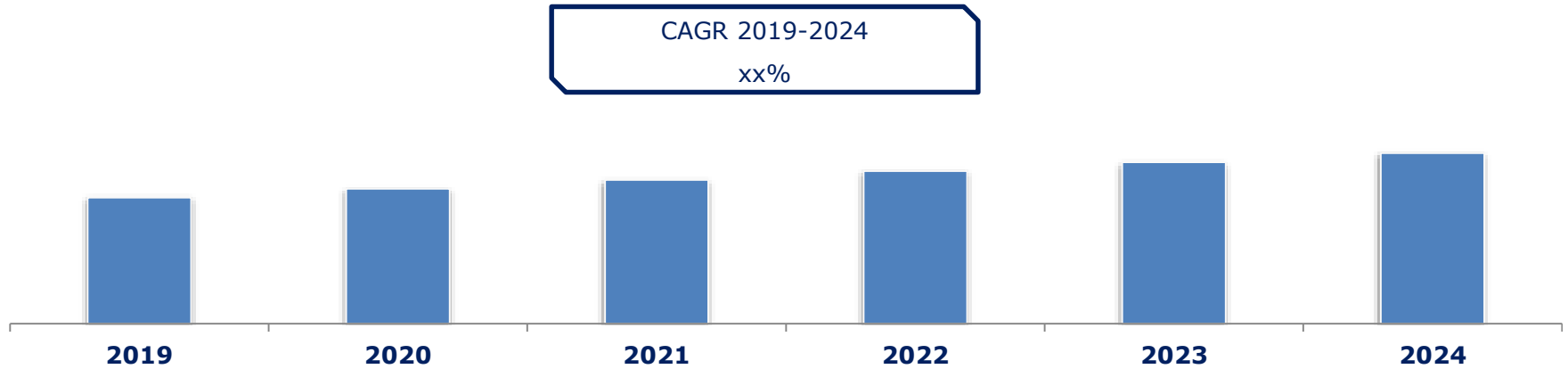
Source: Azoth Analytics Estimates

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# Global Automotive Sensors Market Overview – Chassis & Safety

Passenger filling in the demand for vehicles that offer comfortable driving experience and provides high level safety anticipated to inject growth in the Automotive Sensors market

**Figure 31: Global Automotive Sensors Market Size – Chassis & Safety, 2019-2024 (In USD Million)**



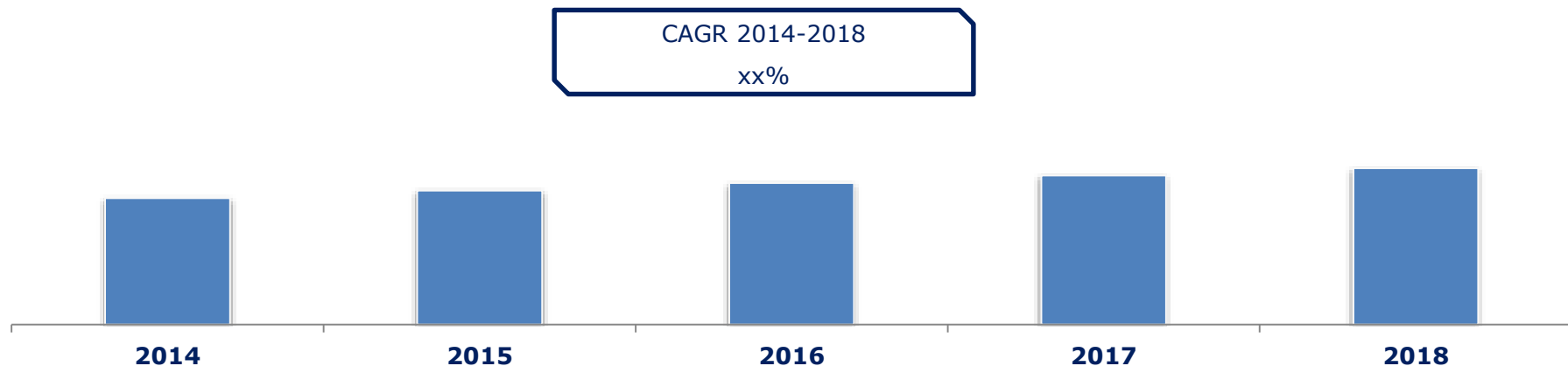
Source: Azoth Analytics Estimates

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# Global Automotive Sensors Market Overview – Body Electronics/Infotainment

Electronic sensors enabling vehicles to manage a number of functions powered by growing adoption of AI driven infotainment system supplementing global sensors market growth in the region

Figure 32: Global Automotive Sensors Market Size – Body Electronics/Infotainment, 2014-2018 (In USD Million)



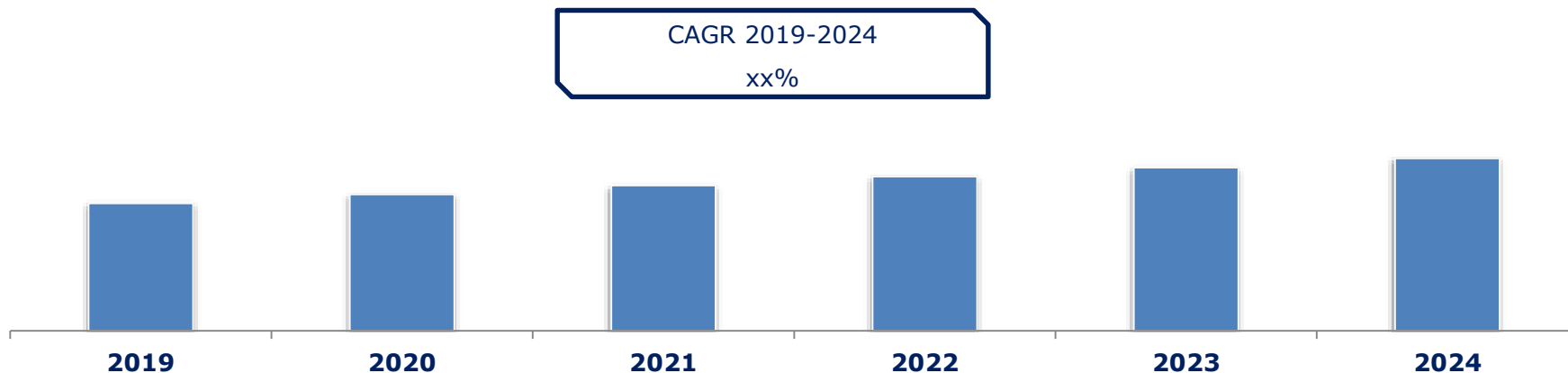
Source: Azoth Analytics Estimates

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# Global Automotive Sensors Market Overview – Body Electronics/Infotainment

Growing achievement in unfolding the application of AI and manufacturers working on improving the infotainment related features powering the market for Automotive Sensors in the region

**Figure 33: Global Automotive Sensors Market Size - Body Electronics/Infotainment, 2019-2024 (In USD Million)**



Source: Azoth Analytics Estimates

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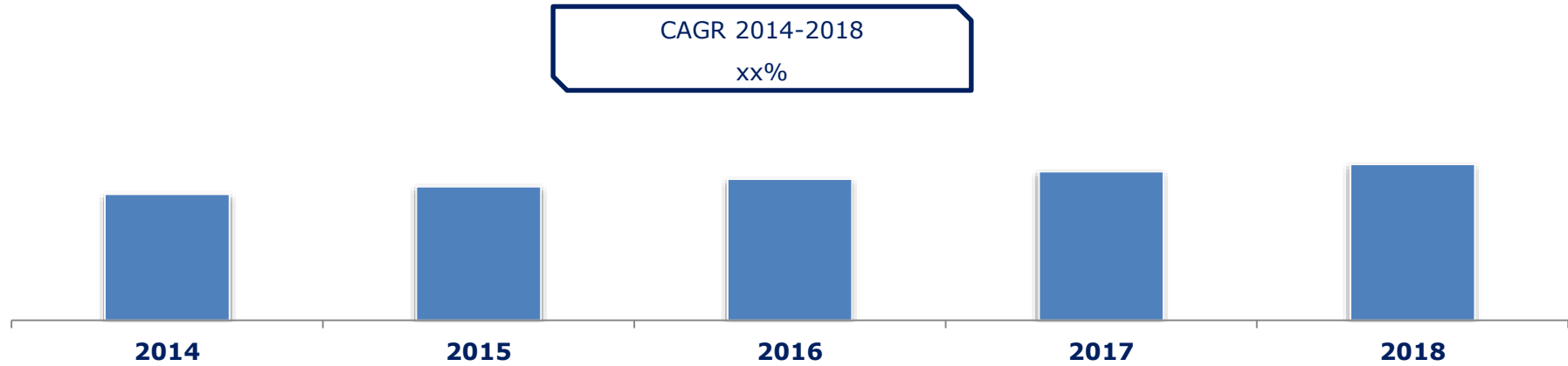
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# Global Automotive Sensors Market Overview - Others

Escalating inclusion of sensors in vehicles and burgeoning demand for telematics system with accuracy pushing the Global Automotive Sensors market growth during the period

**Figure 34: Global Automotive Sensors Market Size - Others, By Value, 2014-2018 (In USD Million)**



Source: Azoth Analytics Estimates

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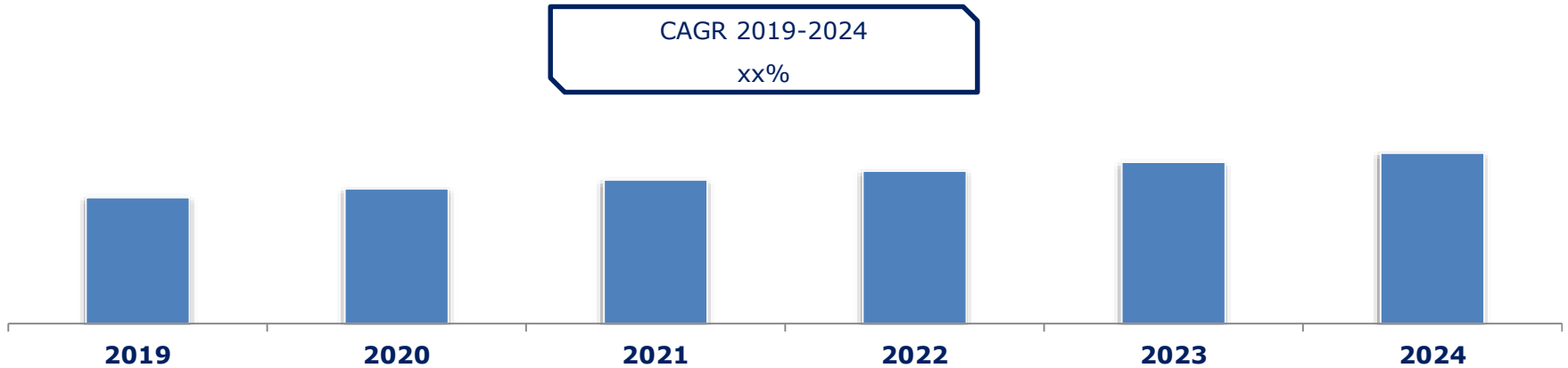
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# Global Automotive Sensors Market Overview - Others

Enhanced focus of government on curbing the growing vehicle emission and sensors making it easy for drivers to communicate with the car will be uplifting the Automotive Sensors market growth

**Figure 35: Global Automotive Sensors Market Size - Others, By Value, 2019-2024 (In USD Million)**



Source: Azoth Analytics Estimates

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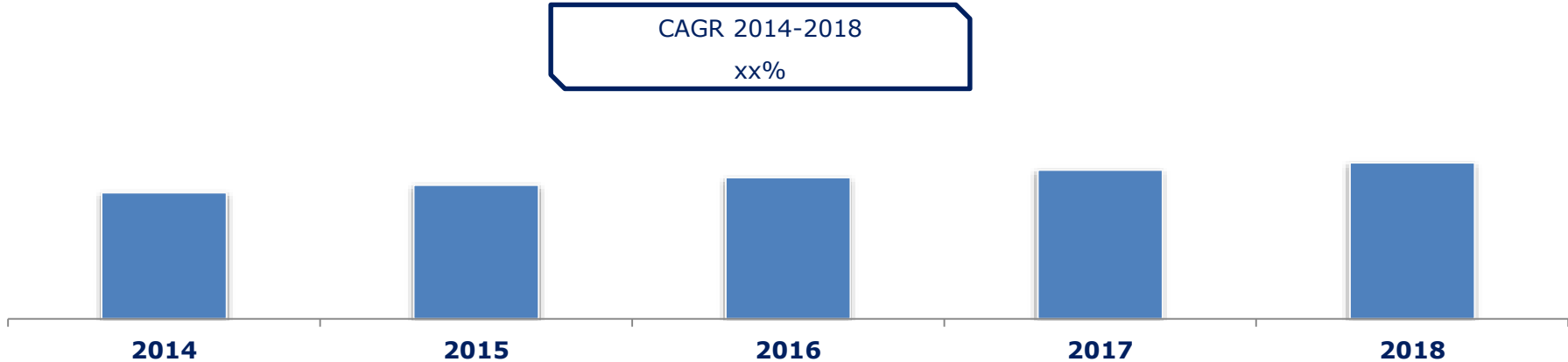
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# North America Automotive Sensors Market, By Value

Powering investment by major automotive firms and ever changing consumer preferences regarding vehicles pumping growth in the Automotive Sensors market in North America

Figure 39: North America Automotive Sensors Market Size, By Value, 2014-2018 (In USD Million)



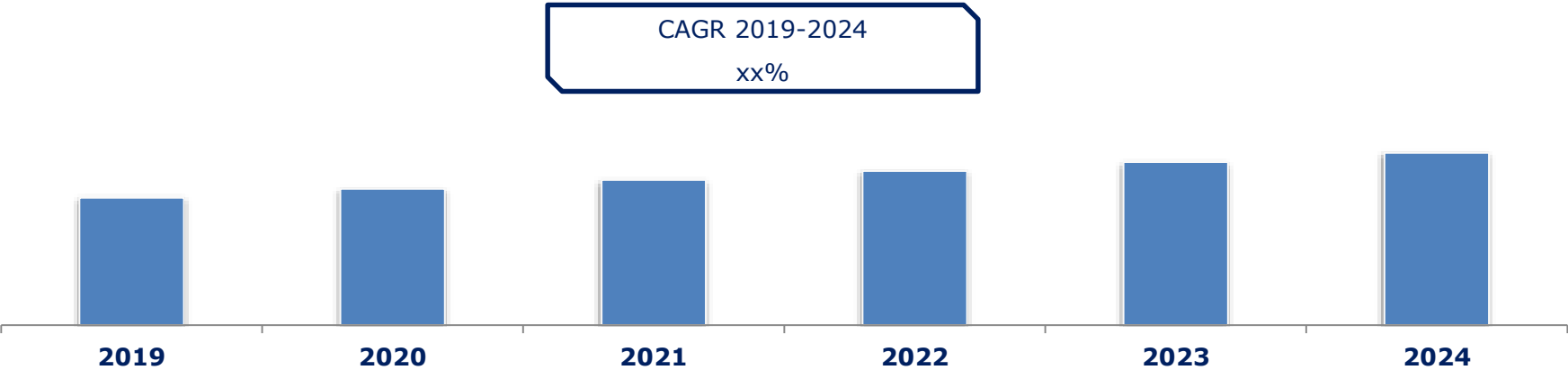
Source: Azoth Analytics Estimates

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# North America Automotive Sensors Market, By Value

Growing number of policies being implemented by international organizations and rising concern regarding safety standards of vehicles expected to support the market growth in coming years

**Figure 45: North America Automotive Sensors Market Size, By Value, 2019-2024 (In USD Million)**



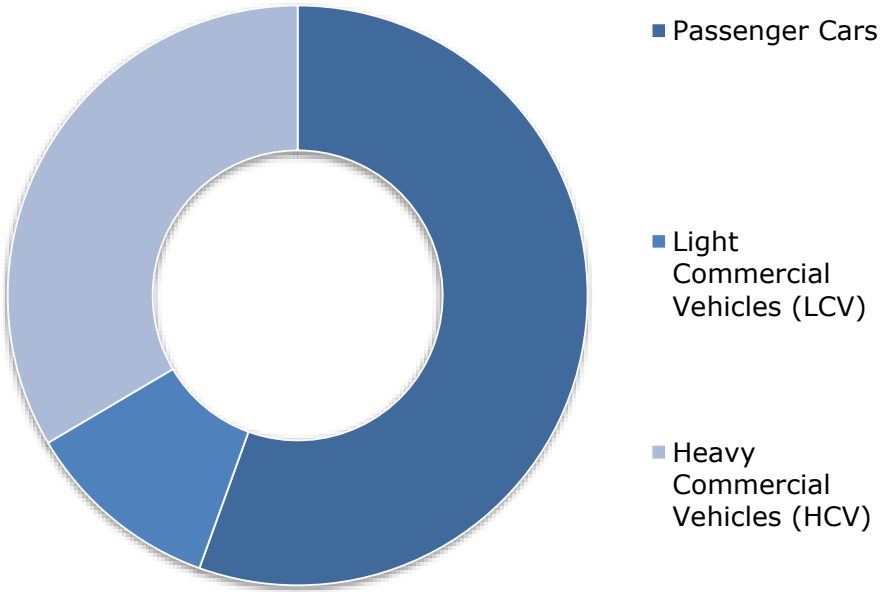
Source: Azoth Analytics Estimates

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# North America Automotive Sensors Market Size - By Vehicle Type

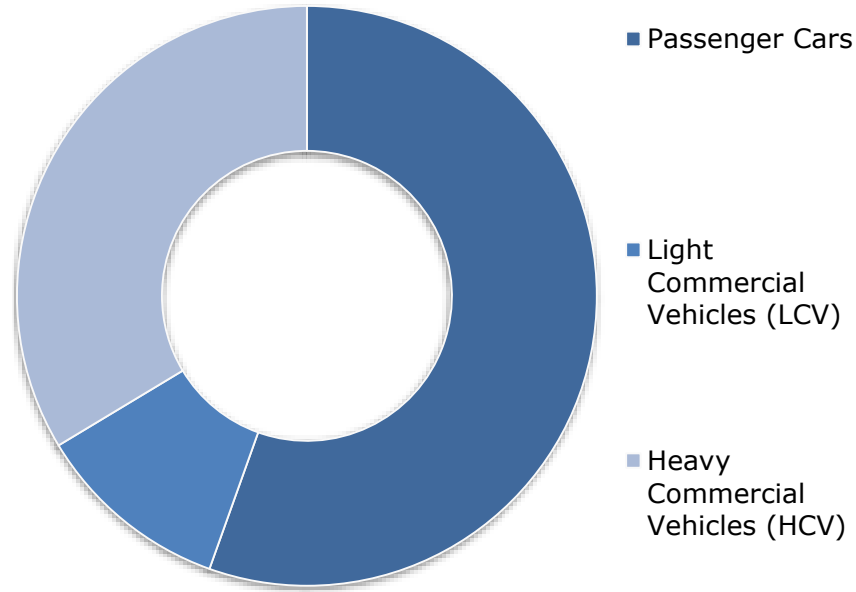
Passenger car is experiencing the highest market share in the region as manufacturers such as Ford, General Motors are coming up with new fuel efficient models that are suitable for small families

**Figure 46: North America Automotive Sensors Market Size, By Vehicle Type, 2018 (%)**



Source: Azoth Analytics Estimates

**Figure 47: North America Automotive Sensors Market Size, By Vehicle Type, 2024F(%)**



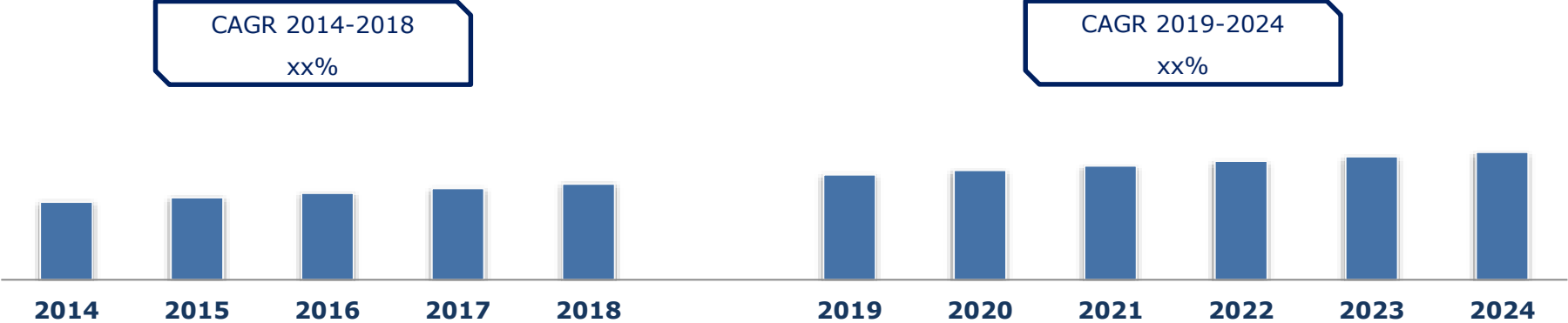
Source: Azoth Analytics Estimates

# North America Automotive Sensors – Passenger Car Market Overview

Growing sensors application in vehicles and enhanced focus on driving technological advancement in vehicles forecasted to push the Sensors market growth in future

**Figure 48: North America Automotive Sensors – Passenger Car Market Size, 2014-2018 (In USD Million)**

**Figure 49: North America Automotive Sensors – Passenger Car Market Size, 2019-2024 (In USD Million)**



Source: Azoth Analytics Estimates

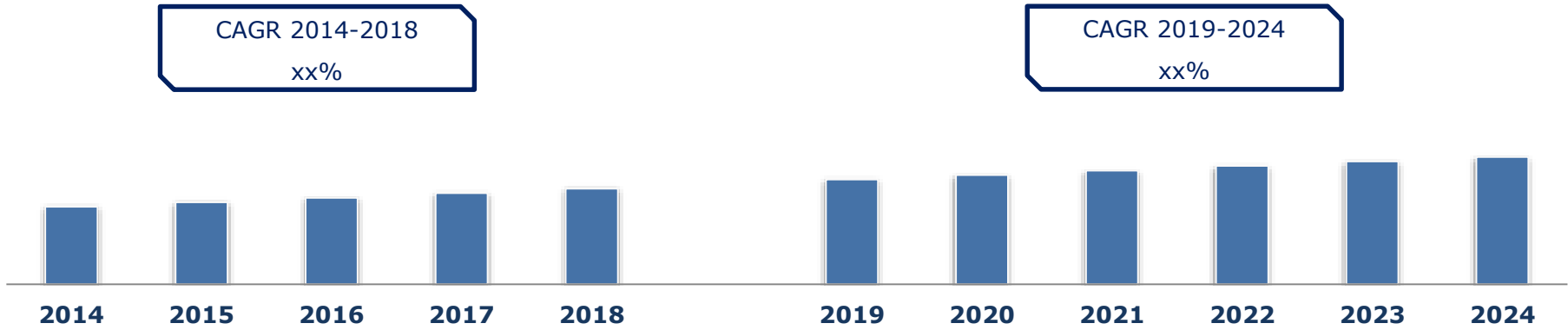
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# North America Automotive Sensors – Light Commercial Vehicles (LCV) Market Overview

Strong investment in building futuristic infrastructure supported by growing application of commercial vehicles in ecommerce market place will help Automotive Sensors secure lock decent growth

**Figure 50: North America Automotive Sensors – Light Commercial Vehicles Market Size, 2014-2018 (In USD Million)**

**Figure 51: North America Automotive Sensors - Light Commercial Vehicles Market Size, 2019-2024 (In USD Million)**



Source: Azoth Analytics Estimates

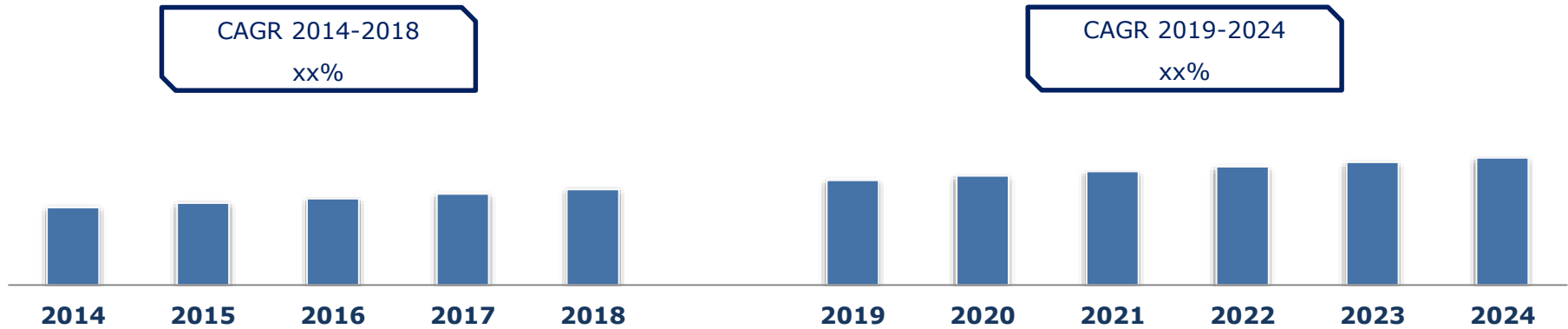
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# North America Automotive Sensors – Heavy Commercial Vehicles (HCV) Market Overview

Rising number of road accidents and HEVs being a major contributor of vehicle GHG emission with concentration on fuel efficient vehicles fuelling market growth in North America

**Figure 52: North America Automotive Sensors – Heavy Commercial Vehicles Market Size, 2014-2018 (In USD Million)**

**Figure 53: North America Automotive Sensors – Heavy Commercial Vehicles Market Size, 2019-2024 (In USD Million)**



Source: Azoth Analytics Estimates

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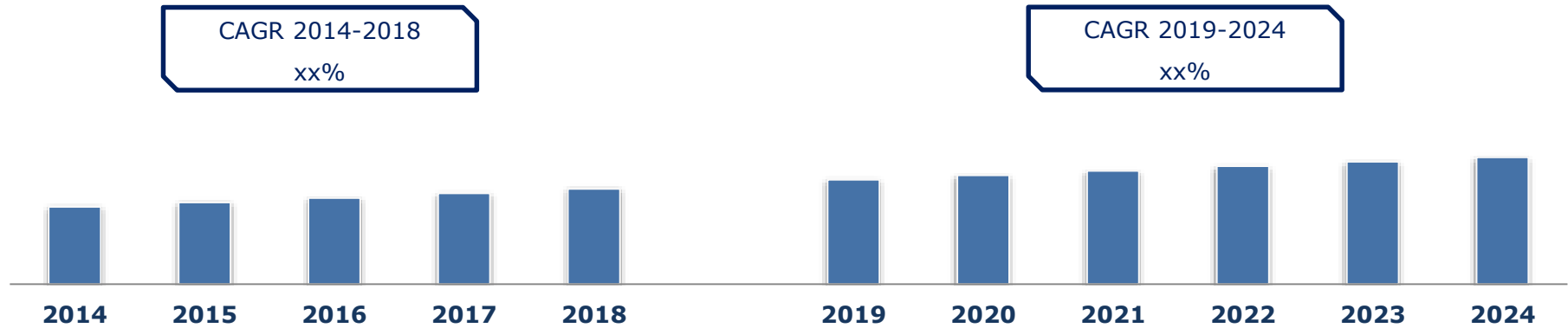
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# North America Automotive Sensors Market Overview - Powertrain

Enhanced application of powertrain sensors in a number of development activities clubbed with growing evolution in their sizes and installation options, forecasted to drive growth in the market

**Figure 56: North America Automotive Sensors Market Size - Powertrain, 2014-2018 (In USD Million)**

**Figure 57: North America Automotive Sensors Market Size - Powertrain, 2019-2024 (In USD Million)**



Source: Azoth Analytics Estimates

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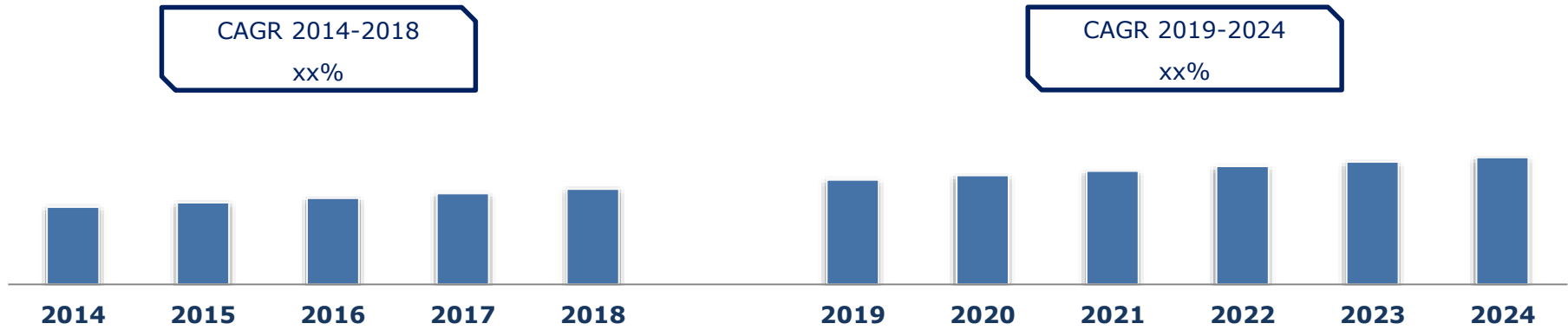


# North America Automotive Sensors Market Overview - Body & Convenience

Wide availability of sensors that provide convenience to passengers with expansion of product portfolio by major manufacturers expected to fuel the sensors market growth in the region

**Figure 58: North America Automotive Sensors Market Size - Body & Convenience, 2014-2018 (In USD Million)**

**Figure 59: North America Automotive Sensors Market Size - Body & Convenience, 2019-2024 (In USD Million)**



Source: Azoth Analytics Estimates

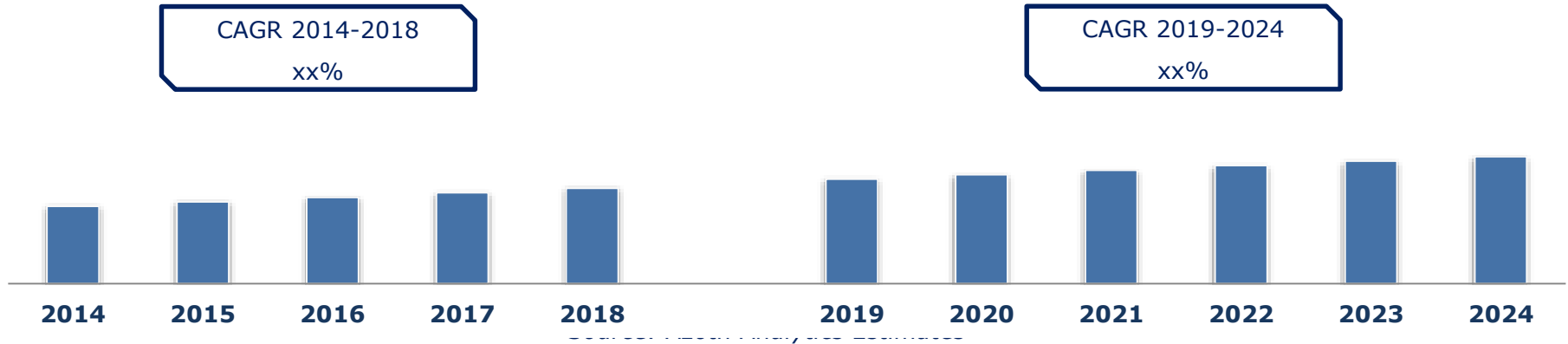
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# North America Automotive Sensors Market Overview – Chassis & Safety

Manufacturers working on providing sensors that can alert the driver with early warning thereby helping in prevention of crash forecasted to uplift the Automotive Sensors market growth in North America

**Figure 60: North America Automotive Sensors Market Size – Chassis & Safety, 2014-2018 (In USD Million)**

**Figure 61: North America Automotive Sensors Market Size – Chassis & Safety, 2019-2024 (In USD Million)**



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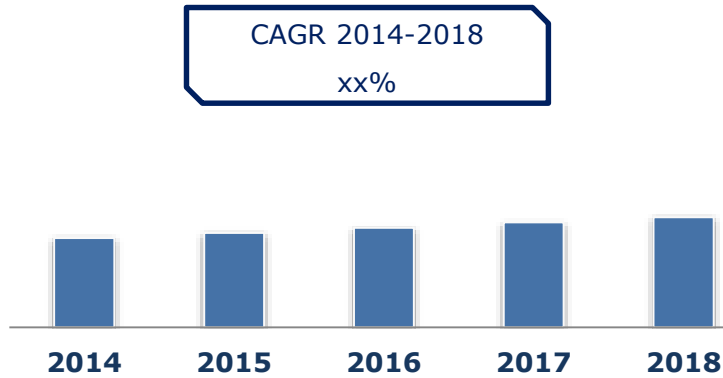
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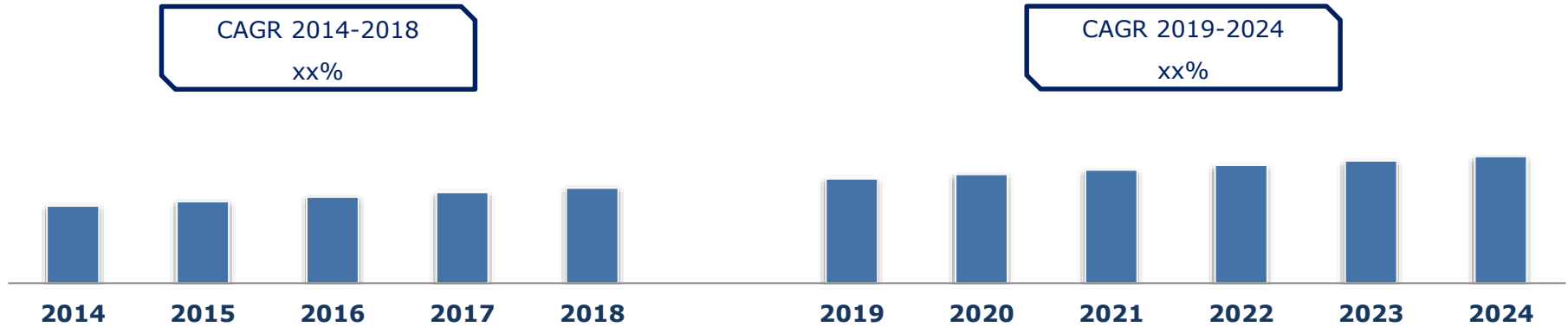
# North America Automotive Sensors Market – Body Electronics/Infotainment

Growing role of body electronics in vehicles where it helps in performing a lot of function providing an ease of driving to drivers will be pulling the automotive sensors market growth in the region

**Figure 62: North America Automotive Sensors Market Size – Body Electronics/Infotainment, 2014-2018 (In USD Million)**



**Figure 63: North America Automotive Sensors Market Size – Body Electronics/Infotainment, 2019-2024 (In USD Million)**



Source: Azoth Analytics Estimates

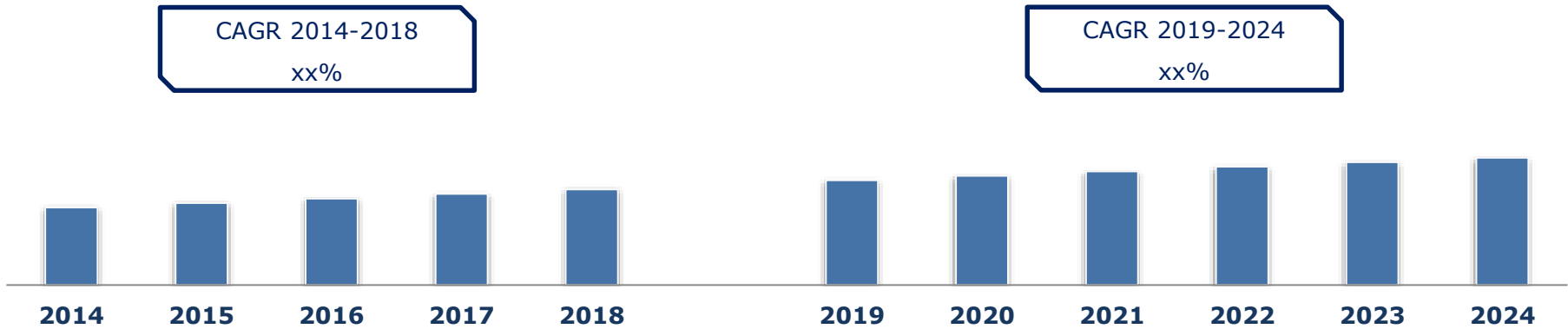
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# North America Automotive Sensors Market Overview - Others

Enhanced pressure on major automotive manufacturers to go in line with the emission standards set by various international organisation, is estimated to accelerate the market growth in the region

**Figure 64: North America Automotive Sensors Market Size - Others, By Value, 2014-2018 (In USD Million)**

**Figure 65: North America Automotive Sensors Market Size - Others, By Value, 2019-2024 (In USD Million)**



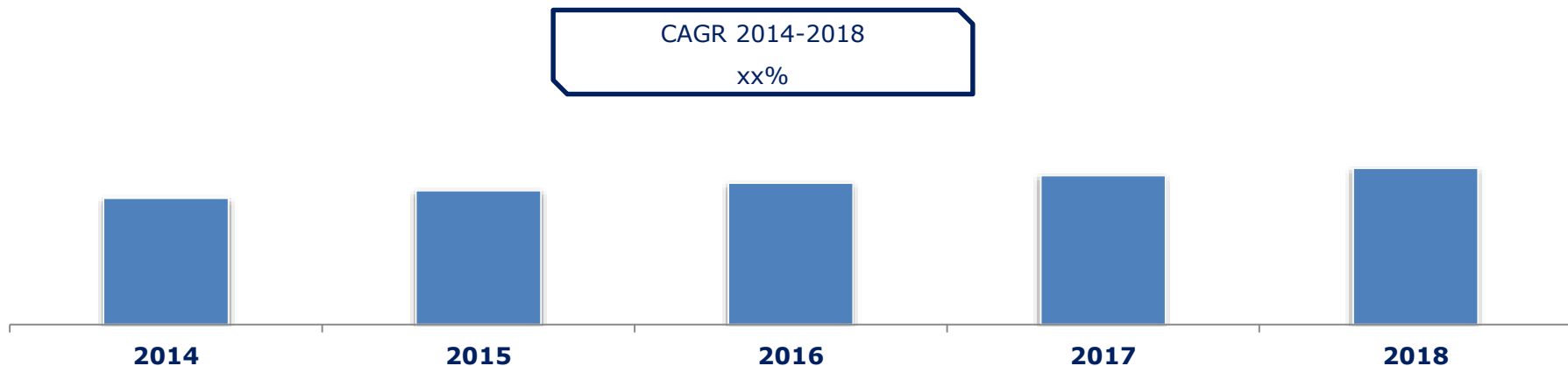
Source: Azoth Analytics Estimates

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# US Automotive Sensors Market, By Value

Presence of highly diversified and technologically advanced market supported by powering investments in AI technology is pushing the market for Automotive Sensors in USA

**Figure 66: US Automotive Sensors Market Size, By Value, 2014-2018 (In USD Million)**



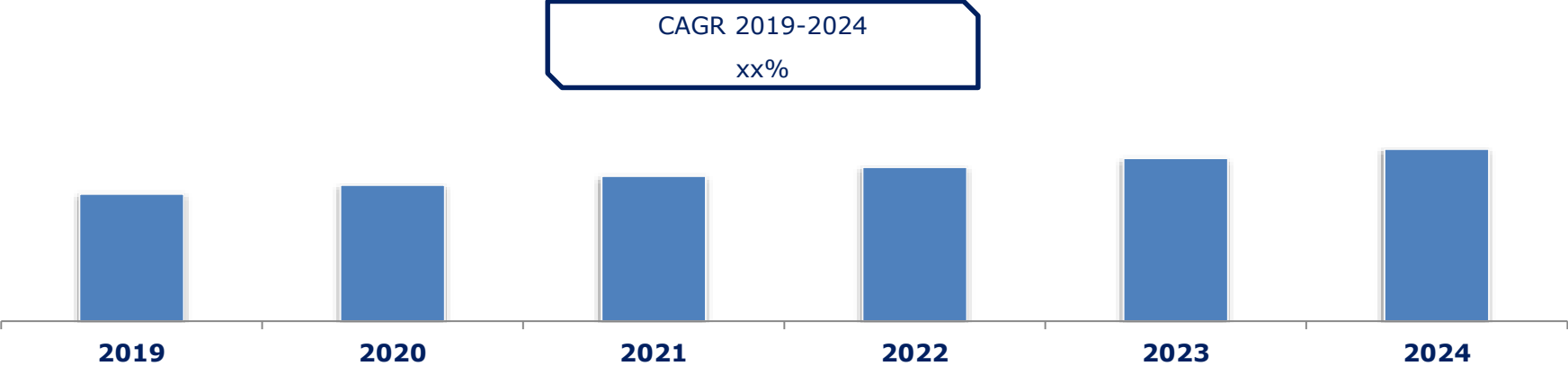
Source: Azoth Analytics Estimates

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# US Automotive Sensors Market, By Value

Growing focus of government on adoption of AI by taking various initiatives while diverting resources onto development of AI will be pushing the market for sensors in the country during the period

**Figure 75: US Automotive Sensors Market Size, By Value, 2019-2024 (In USD Million)**



Source: Azoth Analytics Estimates

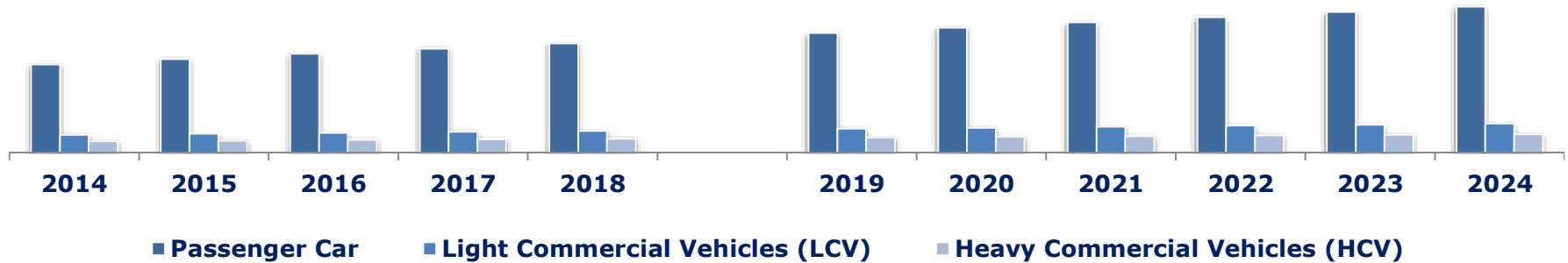
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# US Automotive Sensors Market, By Vehicle Type

**Figure 76: US Automotive Sensors Market: By Vehicle Type, By Value, 2014-2024 (In USD Million)**

**CAGR 2014-2018**  
 Passenger Car : xx%  
 Light Commercial Vehicles (LCV)  
 : xx%  
 Heavy Commercial Vehicles :  
 xx%

**CAGR 2019-2024**  
 Passenger Car : xx%  
 Light Commercial Vehicles (LCV)  
 : xx%  
 Heavy Commercial Vehicles :  
 xx%



	2014	2015	2016	2018	2018	2019	2020	2021	2022	2024	2024
Passenger Car	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
Light Commercial Vehicles (LCV)	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
Heavy Commercial Vehicles (HCV)	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx

Source: Azoth Analytics Estimates

# US Automotive Sensors Market, By Application

**Figure 77: US Automotive Sensors Market: By Application, By Value, 2014-2024 (In USD Million)**

**CAGR 2014-2018**  
 Powertrain : xx%  
 Body & Convenience : xx%  
 Chassis & Safety : xx%  
 Body Electronics/Infotainment : xx%  
 Others : xx%

**CAGR 2019-2024**  
 Powertrain : xx%  
 Body & Convenience : xx%  
 Chassis & Safety : xx%  
 Body Electronics/Infotainment : xx%  
 Others : xx%



	2014	2015	2016	2018	2018	2019	2020	2021	2022	2024	2024
<b>Powertrain</b>	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
<b>Body &amp; Convenience</b>	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
<b>Chassis &amp; Safety</b>	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
<b>Body Electronics/Infotainment</b>	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
<b>Others</b>	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx

Source: Azoth Analytics Estimates



## **About Azoth Analytics Pvt Ltd.**

Azoth Analytics (ISO 9001:2015) is a business research and analytics company that creates in-depth research reports and provides customized research solutions and consulting services. An ISO 9001:2015 certified company, Azoth Analytics adheres to international quality management standard and has strong commitment to a culture of continuous improvement. The business research and market analysis of Azoth Analytics helps organizations across different industry verticals solve their business problems. Strategic market sizing and data dredging techniques include secondary research, and primary research (interviews with management personnel and industry experts). Azoth Analytics provide syndicated and customized market research reports on different verticals including pharmaceutical and healthcare, oil and gas and power, chemicals, automotive, technology, FMCG, food & beverages and media sectors.