

# **Global Autonomous Emergency Braking (AEB) System Market Size Study & Forecast, by Vehicle Type, System, and Technology, and Regional Forecasts 2025-2035**

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## **Abstracts**

The Global Autonomous Emergency Braking (AEB) System Market was valued at approximately USD 41.32 billion in 2024 and is poised to grow exponentially, registering a robust compound annual growth rate (CAGR) of 14.80% over the forecast span of 2025 to 2035. AEB systems, a hallmark of next-generation vehicular safety technology, are designed to automatically intervene and apply brakes when an imminent collision is detected, drastically reducing accident severity or avoiding impact altogether. Once considered a niche innovation, AEB systems are rapidly becoming standard in both passenger and commercial vehicles, propelled by a global imperative to enhance road safety. This life-saving technology, operating through a fusion of radar, LiDAR, cameras, and onboard computing, exemplifies the broader industry transition towards predictive and intelligent automotive ecosystems.

The driving force behind the widespread adoption of AEB systems can be attributed to an intersection of regulatory mandates, automaker commitments, and evolving consumer expectations. Leading markets have begun mandating AEB as a standard feature in new vehicles, compelling manufacturers to revamp product lines to comply. Furthermore, a rising appetite for advanced driver assistance systems (ADAS) among buyers, particularly in urban settings, has elevated the role of AEB from a supplemental feature to an essential safety standard. With technological variants such as Low-Speed AEB tailored for city driving and High-Speed AEB optimized for highway scenarios, the market is witnessing segmentation aligned with diverse mobility needs. Simultaneously, breakthroughs in Crash Imminent Braking and Dynamic Brake Support technologies are enabling systems to make split-second decisions with increasing accuracy and

efficiency.

Regionally, North America continues to lead the charge due to early regulatory pushes and proactive adoption by major OEMs across the U.S. and Canada. Government-backed safety programs and high awareness among consumers are fostering an ecosystem where AEB systems are not only mandated but actively demanded. Meanwhile, Europe remains a pioneer in safety legislation, with agencies like Euro NCAP pushing for high safety ratings contingent on AEB integration. Countries like Germany, France, and Sweden are aggressively testing and deploying AEB technologies in both private and public transport fleets. On the other side of the globe, Asia Pacific—especially China, Japan, and India—is emerging as the fastest-growing market. Rapid motorization, urbanization-induced traffic hazards, and a thriving EV market are pushing AEB system uptake. The region is also seeing local startups and tier-1 suppliers enter the AEB technology space, enhancing accessibility and scalability.

Major market player included in this report are:

Bosch GmbH

Aptiv PLC

Continental AG

ZF Friedrichshafen AG

Hyundai Mobis Co., Ltd.

Autoliv Inc.

Denso Corporation

Magna International Inc.

Mobileye

Valeo SA

Veoneer Inc.

Texas Instruments Inc.

Panasonic Corporation

Hella GmbH & Co. KGaA

Renesas Electronics Corporation

## Global Autonomous Emergency Braking (AEB) System Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Vehicle Type:

Passenger Vehicles

Commercial Vehicles

By System:

Low Speed AEB

High Speed AEB

By Technology:

Crash Imminent Braking

Dynamic Brake Support

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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