

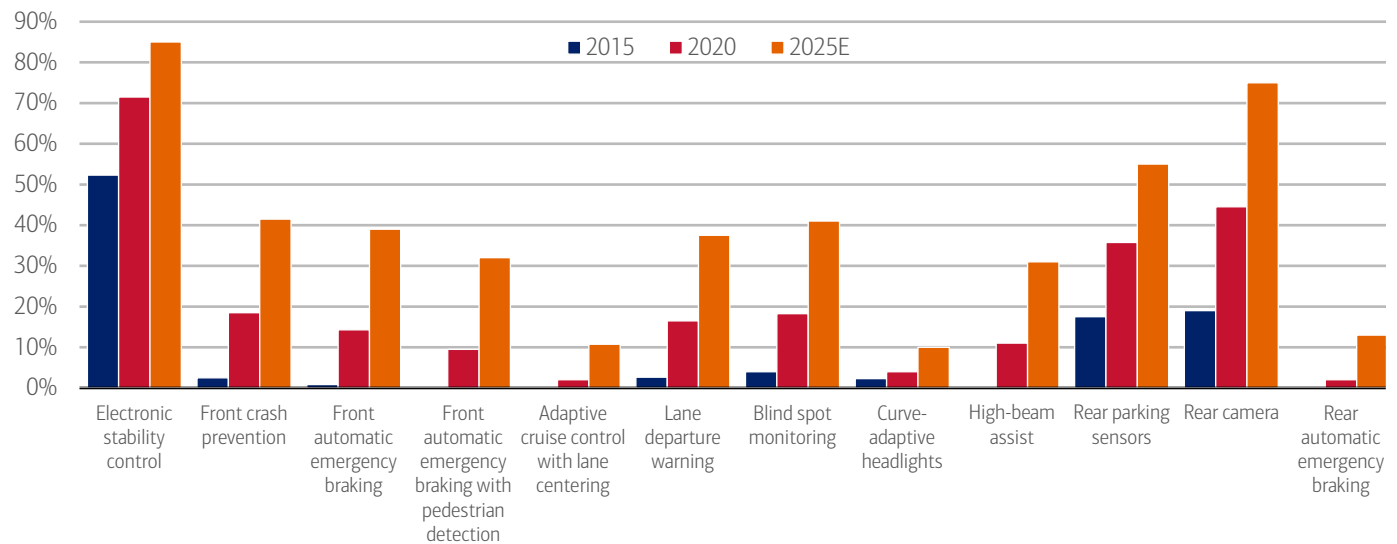
Institute Daily Insights

Vehicle safety tech is in the fast lane

28 August 2025

Several automotive safety features have reached critical mass in terms of their prevalence within the registered vehicle population

Percentage of registered vehicles with various collision avoidance systems in 2015, 2020 and 2025E



Source: BofA Global Research; Highway Loss Data Institute (www.iihs.org)

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Recent innovations in advanced driver assistance systems (ADAS) have been making vehicles safer to operate. In fact, features such as front crash prevention, automatic emergency braking, lane departure warning and blind spot monitoring are available in about 40% of registered vehicles on the road in 2025.

However, even as these technologies become available in a greater number of vehicles, the prevalence of auto accident fatalities has not declined over the past 15 years, and the severity of accidents appears to be increasing at a pace that exceeds any benefits brought by recent innovations. Simultaneously, the technologies that are paving the way for vehicle autonomy are also driving up repair costs.

While these systems almost certainly save lives in an intuitive sense, according to BofA Global Research, the impact on insurance companies, premia and consumers may be more mixed.

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