

Last Week In Innovative Mobility

August 26 - September 1, 2024



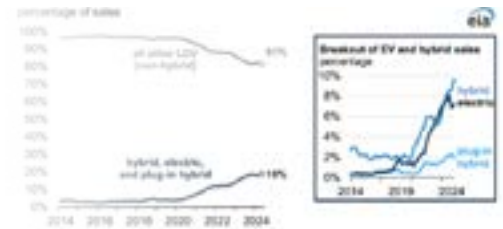
Techspot

AUTOMATED VEHICLES

Experts suggest increasing automated features in vehicles may have the opposite effect on improving safety compared to advanced driver assistance systems (ADAS). For example, Tesla Autopilot and General Motors' Super Cruise have been found to provide drivers with false security allowing them to become distracted while driving. Alternatively, ADAS systems such as automatic emergency braking have been found to reduce rear-end crashes by 50%.

ELECTRIC VEHICLES

Wards Intelligence finds an increase in electric vehicle (EV) and hybrid sales by nearly 1% in the second quarter of 2024. In the past year, hybrid sales have increased by 30.7%, and plug-in hybrid sales have increased by about 0.3%. In addition, Cox Automotive data suggest the average cost of a battery EV has decreased from \$57,405 to \$56,371 from January to June 2024.



Wards Intelligence



REUTERS/Bing Guan/File Photo

ELECTRIC VEHICLES

The Biden administration allocates \$521 million to support over 9,200 new EV charging ports. The money will support community charging projects in 41 locations and corridor fast charging projects in ten locations. Data suggest that in August 2024, there were 192,000 chargers across the U.S., nearly 40% of the White House goal to have 500,000 charging ports.

TNCs/RIDEHALING

Uber invests an undisclosed amount in the automated vehicle (AV) company Wayve. Wayve is capable of equipping vehicles with Level 2, 3, or 4 automated driving technology and uses artificial intelligence. Uber suggests plans to integrate AVs with Wayve technology into their platform. in the future, based on AV regulations.



The Next Web



Room 76/SUV

TRANSPORTATION SAFETY

U.S. Representative Mary Gay Scanlon proposes the Pedestrian Safety Act to implement federal standards on vehicle size for the safety of pedestrians and other road users. Compared to data from 2009, passenger vehicles have increased in length by about ten inches, in height by eight inches, and in weight by about 1,000 pounds. Larger vehicles are found to be about 45% more likely to be fatal when in a pedestrian collision and lead to increased wear on roads.

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Innovative Mobility Research (IMR) focuses on the future of mobility and is based at the Transportation Sustainability Research Center at the University of California, Berkeley

