

# US moots 56% cut in vehicle emissions by 2032, signals EV jump

**Reuters**  
Washington

The US Environmental Protection Agency (EPA) on Wednesday proposed sweeping emission cuts for new cars and trucks through 2032, a move it says could mean two out of every three new automakers' sell will be electric within a decade.

The proposal, if finalised, represents the most aggressive US vehicle emissions reduction plan to date, requiring 13 per cent annual average pollution cuts and a 56 per cent reduction in projected fleet average emissions over 2026 requirements. The EPA is also proposing new stricter emissions standards for medium- and heavy-duty trucks through 2032.

The EPA projects the 2027-2032 model year rules would cut more than 9 billion tonnes of CO<sub>2</sub> emissions through 2055 — equivalent to more than twice total US CO<sub>2</sub> emissions last year.

Automakers and environmentalists say the administration is moving quickly in order to finalise new rules by early 2024 to make it much harder for a future Congress or president to reverse them.

## NET BENEFITS

The agency estimates net benefits through 2055 from the proposal range from \$850 billion to \$1.6 trillion. By 2032 the proposal would cost about \$1,200 per vehicle per manufacturer, but save an owner more than \$9,000 on average on fuel, maintenance, and repair costs over an eight-year period.

"A lot has to go right for this massive and unprecedented change in our automotive market and industrial base to succeed," said John Bozzella, CEO of the Alliance for Automotive Innovation



representing General Motors, Volkswagen, Toyota and others.

"Factors outside the vehicle, like charging infrastructure, supply chains, grid resiliency, the availability of low carbon fuels and critical minerals will determine whether EPA standards at these levels are achievable."

The proposal is more ambitious than President Joe Biden's 2021 goal, backed by automakers, seeking 50 per cent of new vehicles by 2030 to be electric vehicles (EVs) or plug-in hybrids. Stellantis said it was "surprised that none of the alternatives align with the President's previously announced target of 50 per cent EVs by 2030."

## PRODUCTION FORECAST

Under the EPA proposal, automakers are forecast to produce 60 per cent EVs by 2030 and 67 per cent by 2032 to meet requirements — compared with just 5.8 per cent of US vehicles sold in 2022 that were EVs. The National Highway Traffic Safety Administration plans to propose parallel economy standards in the coming weeks.

Under the proposal, the EPA estimates 50 per cent of new vocational vehicles like buses and garbage trucks could be EVs by 2032, along with 35 per cent of new short-haul freight tractors and 25 per cent of new long-haul freight tractors. Medium-duty vehicle rules are projected to cut emissions by 44 per cent over 2026.