

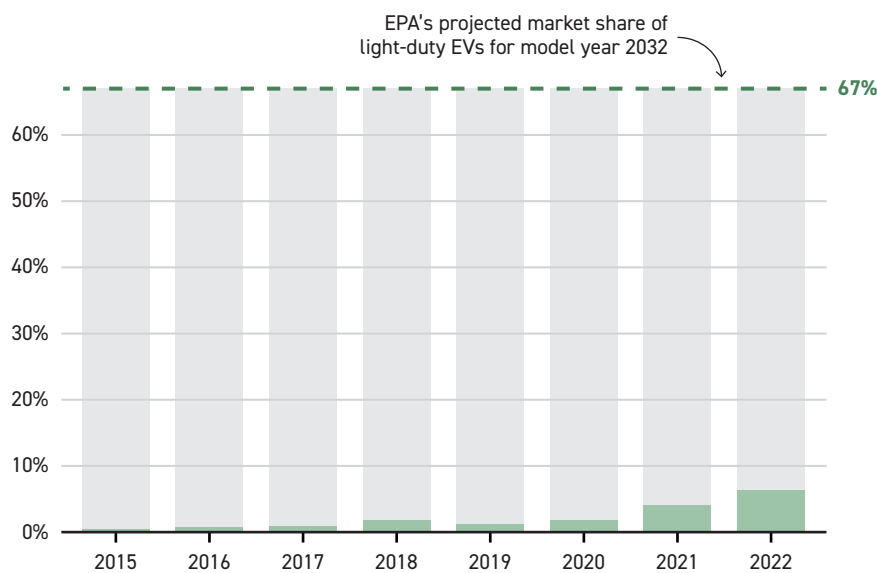
April 13, 2023

Long road ahead for electric vehicle producers to meet Biden emissions goals

The EPA announced Wednesday new rules for vehicle manufacturers that would increase sales of electric vehicles through more stringent air pollution and emission standards. If manufacturers comply with the standards, set to begin with model year 2027, the EPA projects more than two-thirds of sales would be fully electric in 2032 for new light-duty vehicles, which comprise most passenger vehicles and trucks under 8,500 pounds. The proposal also projects increases in electric vehicle market shares for medium-duty vehicles, which includes larger SUVs and passenger vans, and heavy-duty vehicles, such as tractor trailers and occupational vehicles like garbage trucks.

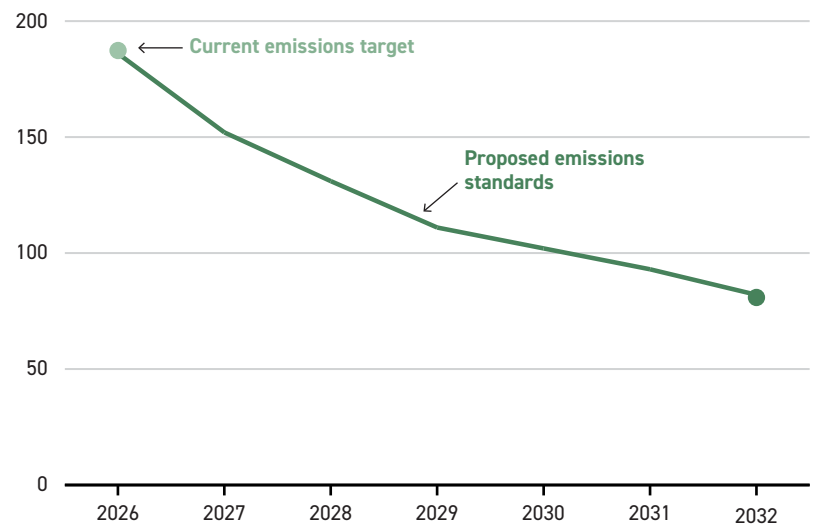
EPA projects EVs could comprise 67 percent of light-duty vehicle sales in 2032

MONTHLY MARKET SHARE OF LIGHT-DUTY EV SALES FOR DECEMBER OF EACH YEAR



New goal for light-duty vehicle emissions is a 56 percent reduction from the current target

GRAMS OF CARBON DIOXIDE EMITTED PER MILE FOR EACH MODEL YEAR



The proposal also aims to decrease emissions among medium-duty and heavy-duty vehicles



Nearly half of new medium-duty vehicles would be all-electric by 2032.



One-quarter of new long-haul tractors would be zero-emission vehicles by 2032.

Electric vehicle costs are still above industry averages

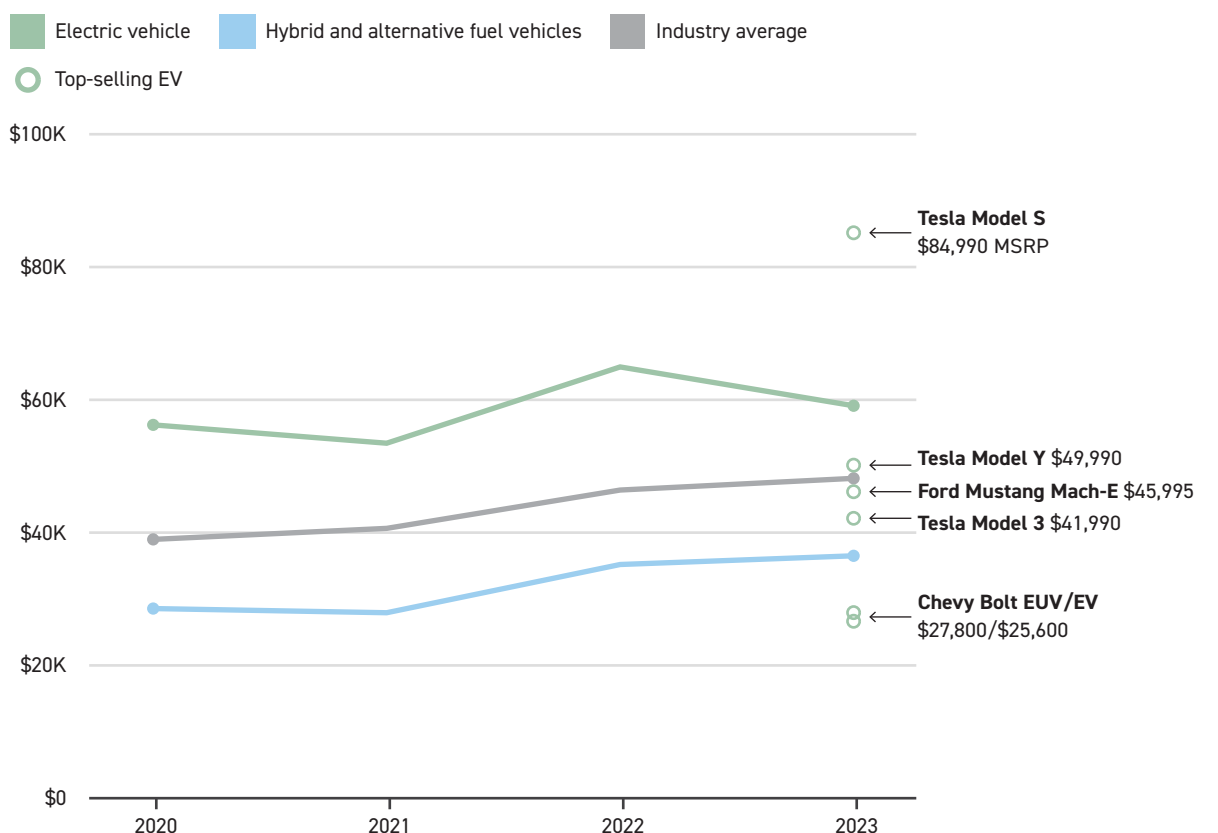
While Joe Biden's administration says new standards will save the average consumer thousands of dollars across the lifetime of a light-duty vehicle, electric vehicles remain more expensive than the average car.

In March of 2023, the average price for electric vehicles remained above the industry average and significantly more expensive than hybrid and alternative fuel vehicles, according to Kelley Blue Book. Among electric vehicles, Tesla is the top seller, representing 64.5 percent of the EV market in 2022.

The average transaction price for electric vehicles in March of 2023 was nearly \$59,000, down 9 percent from March 2022.

EV prices exceeded industry standard by more than \$10,000 in March

AVERAGE MONTHLY TRANSACTION PRICES FOR MARCH OF EACH YEAR



Source: EPA, Department of Energy, Kelley Blue Book, Tesla, Chevrolet, Ford

By Jessie Blaeser and Rosmery Izaguirre,
POLITICO Pro DataPoint