

Zero Emission Vehicles in Maryland



Maryland's greenhouse gas (GHG) emissions reduction goals outlined in the Climate Solutions Now Act (CSNA) aim to achieve 60% GHG emissions reduction by 2031 and net-zero by 2045. Electric Vehicles (EVs) play an integral role in helping the state meet GHG reduction goals, because EVs reduce tailpipe emissions by consuming less gasoline.

Maryland by the Numbers

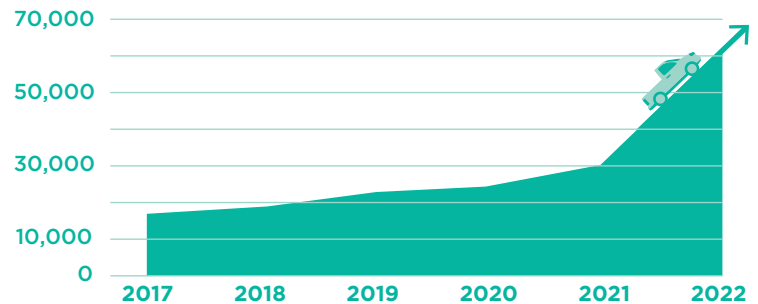


66,000+
registered EVs
in the state as of
February 2023

1% of registered cars in MD are EVs



EV registration from 2017 to 2022



Goal of **300,000**
registered EVs by 2025

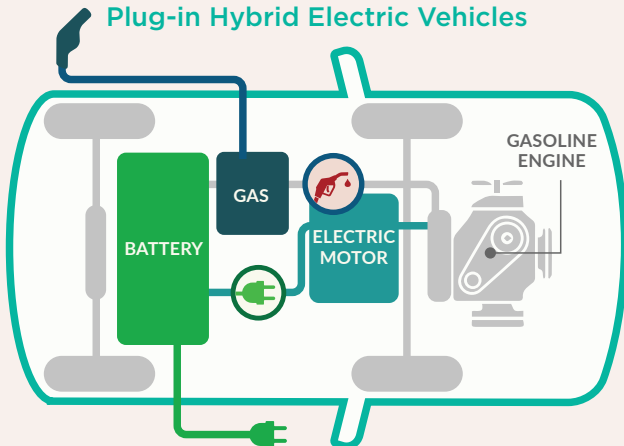


EV TYPES AND INTERNAL DRIVE COMPONENTS

PHEVs



Plug-in Hybrid Electric Vehicles

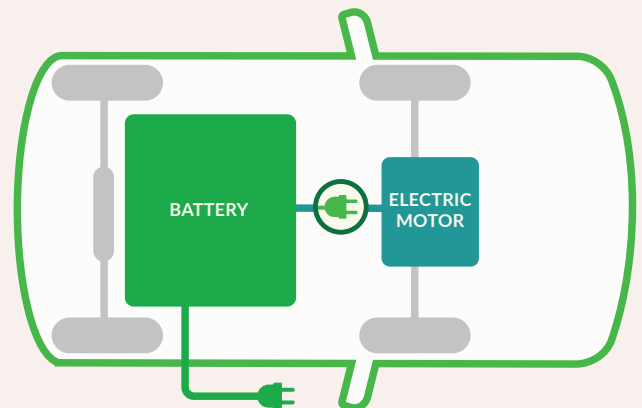


LOW/ZERO EMISSIONS

BEVs



Battery Electric Vehicles



ZERO EMISSIONS



MARYLAND
ZERO EMISSION
Electric Vehicle Infrastructure Council

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Learn how much you can save
by going electric with rebates and
incentives from federal, state, and
electric utility sources!

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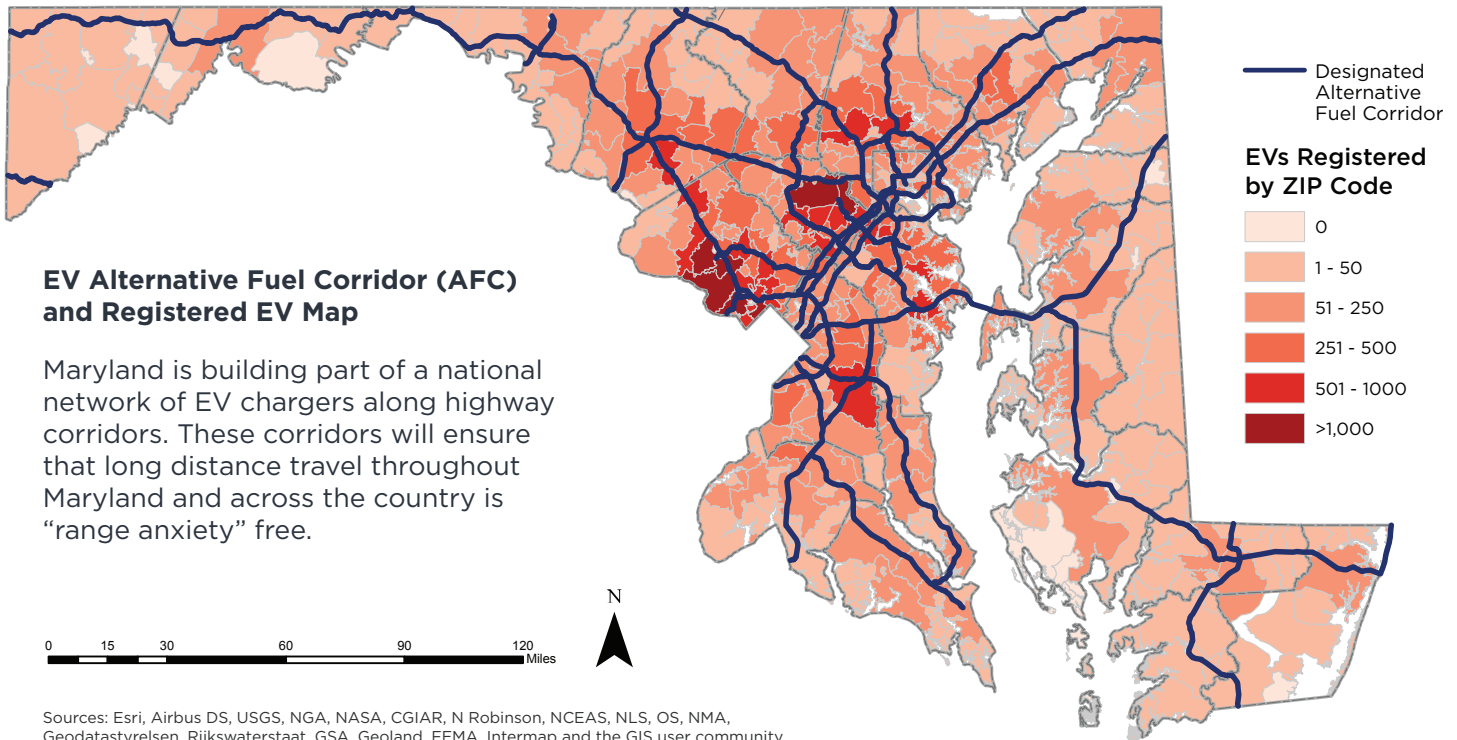
MarylandEV.org

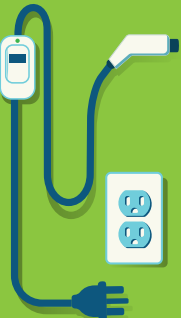
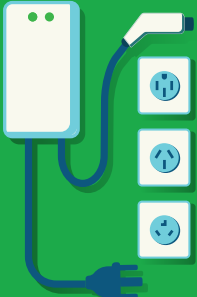
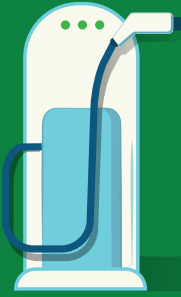
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Maryland State Plan for National Electric Vehicle Infrastructure (NEVI)



Maryland state agencies worked collaboratively with partners and stakeholders to develop a plan to build a network of chargers across the state. The plan's approval in 2022 allows Maryland to spend approximately \$63 million in federal funding between federal fiscal years (FFY) 2022-2026.



Level One	Level Two	DC Fast Charge
		
Level One 120V Electrical source from a regular home outlet.	Level Two 220V Electrical source from a regular home dryer outlet, home hardwire, or public station.	DC Fast Charge 208 or 480V 3-Phase AC Electrical source from a public station.
Charge Time 2-5 miles of range per 1 hour of charging.	Charge Time 10-20 miles of range per 1 hour of charging.	Charge Time 60-80 miles of range per 20 minutes of charging.



There are currently 3500+ outlets as of February 2023



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