

A cost-effective path to clean air for all Americans

Retaining the MY 2027 PM standard:



Is feasible with commercially available “Made in the USA” technology



Supports US automotive manufacturing jobs



Eliminates PM for all types of driving over the life of the vehicle

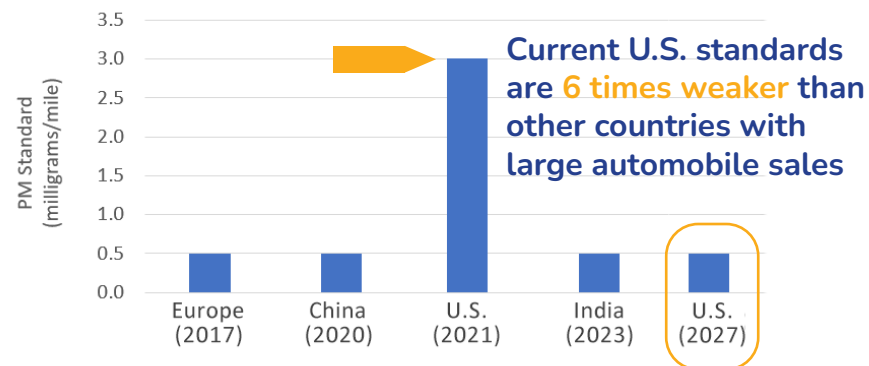


Levels the playing field for all vehicles



Saves American lives for as little as \$100 per car

US PM standards lag behind Europe, China, and India



**EU, China and India limits estimated as PM mass*

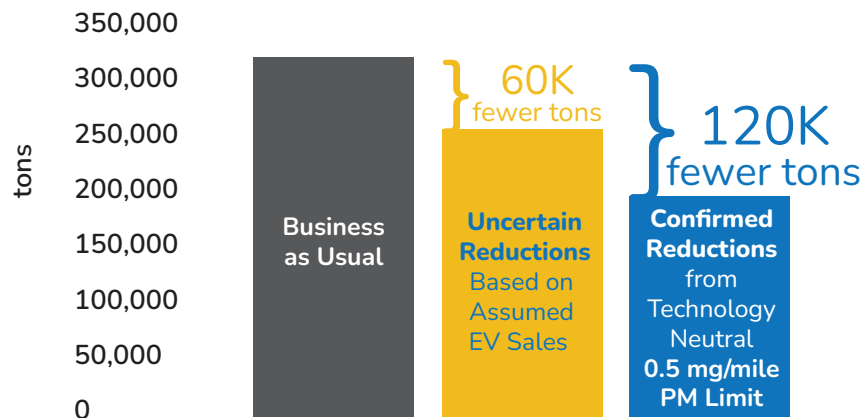
The 2027 PM standard reestablishes U.S. global leadership for pollution controls.

The 0.5 mg/mile PM limit ensures best-available technology is deployed



Advanced fuel injection and gasoline particulate filters offer cost-effective solutions to achieving a 0.5 mg/mile PM limit

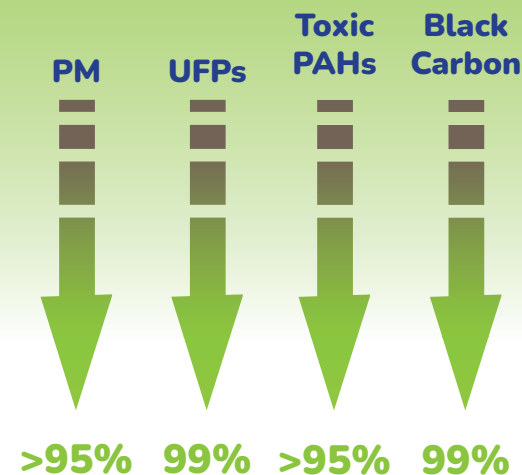
Tons of PM Emitted by 2050



Tightening the PM standard **avoids twice the amount of emitted PM by 2050** than previous assumed electric vehicle sales!

The benefits of filtration extend way beyond PM reductions

These controls will reduce ultra-fine particulates (UFP), polycyclic aromatic hydrocarbons (PAHs), and black carbon (BC).



Health benefits of adopting a 0.5 mg/mile particulate standard

314,000

AVOIDED ASTHMA ATTACKS

1.15M

AVOIDED LOST WORKDAYS

10,000 – 22,000

AVOIDED LIVES LOST



ADVANCED
ENGINE SYSTEMS



48V MILD & FULL
HYBRID SYSTEMS



PLUG-IN HYBRID
TECHNOLOGIES



BATTERY & FUEL CELL
ELECTRIC COMPONENTS



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