



Advanced Clean Cars II, Advanced Clean Trucks, and Heavy-Duty Omnibus

Advanced Clean Cars II (ACCII), Advanced Clean Trucks (ACT), and Heavy-Duty Omnibus (HDO) rules will reduce emissions from transportation in New Mexico by increasing the number of zero-emission vehicles in the state and reducing emissions from high-polluting vehicles.

Why does New Mexico need ACC II, ACT, and HDO?

- ✓ Transportation is the **highest** emitter of nitrogen oxides (NO_x) and the **2nd highest emitter** of greenhouse gasses in New Mexico
- ✓ Transportation emits the same amount of carbon dioxide in one year as 4 average coal-fired power plants!



Vehicle Pollution Contributes to Climate Change

In New Mexico, climate change causes:



Higher temperatures



Increased wildfire risk

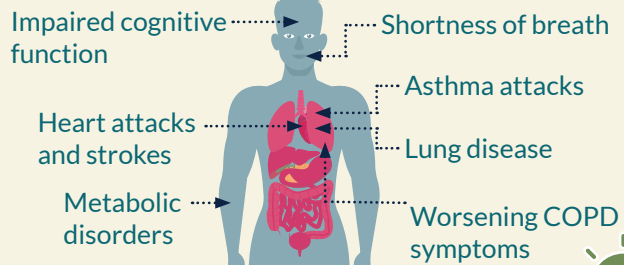


Increased risk of drought



Decreased water supply

Vehicle Pollution Impacts Health



Did you know:

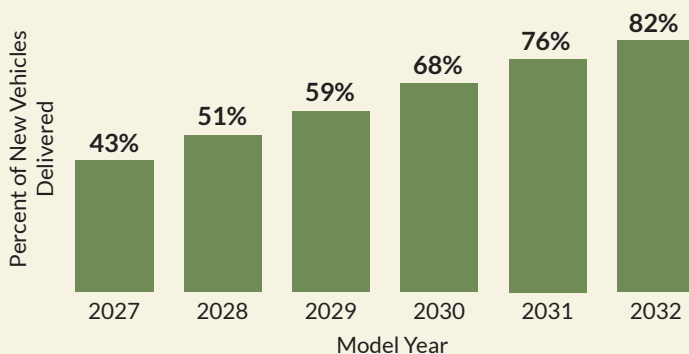
Children, older adults, pregnant people, and people with preexisting health conditions are at higher risk of these health impacts



What are the rules?

Passenger Vehicles (ACC II)

The **ACC II** rule requires manufacturers to deliver an increasing percentage of zero-emission passenger vehicles to New Mexico from model years 2027 to 2032.



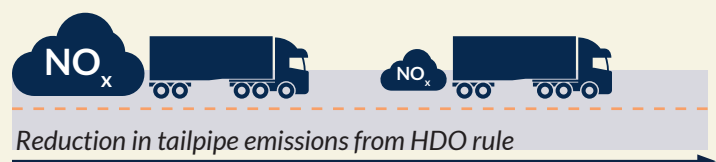
Trucks (ACT and HDO)

The **ACT** rule requires manufacturers to deliver an increasing percentage of zero-emission trucks to New Mexico beginning in model year 2027.

By 2035, zero-emission trucks must account for:

- **55%** of **Class 2b-3** deliveries (ex: Cargo Van)
- **75%** of **Class 4-8** deliveries (ex: Delivery Truck)
- **40%** of **Class 7-8** deliveries (ex: Transit Bus)

The **HDO** rule decreases the allowable emissions from heavy-duty diesel and gasoline powered trucks.





How will these rules improve health?

ACC II, ACT, and HDO will reduce emissions of criteria and precursor pollutants which are linked to respiratory health effects, such as:

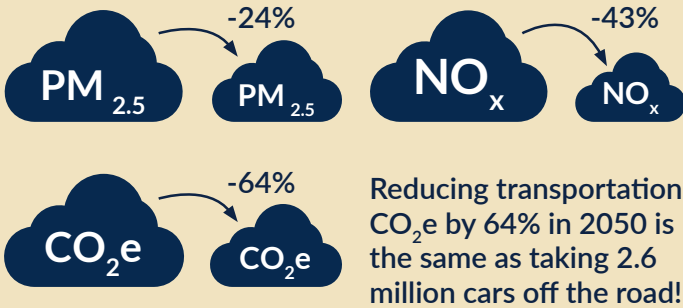
- ✓ Premature mortality
- ✓ Asthma exacerbation and asthma-related emergency room visits
- ✓ Hospital admittance
- ✓ Work loss days from adverse health events

In 2050 alone, the statewide value of total health benefits from all rules will be from **\$27.5 – \$61.9 million**



How will these rules reduce transportation emissions?

These rules will reduce particulate matter (PM_{2.5}), nitrogen oxide (NO_x), and carbon dioxide equivalents (CO₂e) emissions in New Mexico.



The estimated monetary value of the social benefits of ACC II, ACT, and HDO due to their reductions of CO₂ and other greenhouse gas emissions is between **\$1.1 – \$3.5 billion**



How will these rules impact car and truck purchasers?

The ACC II, ACT, and HDO rules will:

- ✓ Make zero-emission vehicles more available in New Mexico and expand consumer choice
- ✓ Increase supply of zero-emission vehicles, thereby driving down their purchasing cost
- ✓ Save vehicle owners money, largely due to savings in fuel and maintenance costs

Passenger Vehicles (ACC II)

Compared to a conventional vehicle, zero-emission vehicle owners will save money over the course of a vehicle's lifespan.

10-year savings on fuel and maintenance compared to conventional vehicle (model year 2027): **\$15,394**



Total savings over 10 years, including purchase price

Trucks (ACT and HDO)

A city that purchases 10 model year 2027 electric buses will save compared to diesel buses.

Cost of purchasing and owning 10 **electric** buses: **\$5,581,000**

Cost of purchasing and owning 10 **diesel** buses: **\$6,390,000**



Total savings over 20 years

For more information, visit www.env.nm.gov/transportation/

