



# FACT SHEET: URGING FEDERAL & STATE CLEAN CARS POLICY

Let's check out the state of the stats in AZ, IL, NV, TX.

We are focusing on these four states because they have sizable Latino populations and have yet to introduce clean car policies to encourage EV sales and protect their communities from the harmful effects of tailpipe emissions.

## ARIZONA



→ In 2012, the Governor's Regulatory Review Council voted to repeal a previous Clean Cars program based on an earlier California clean cars regulation. The Arizona Department of Environmental Quality reverted to the less stringent federal standard a year after a stronger rule was put into effect.

### Latino population

32.4% of state population

### Car ownership

94% of households have at least one vehicle

### Air quality

- For ozone pollution (smog), Arizona reports data on 10 counties. Of these, four got an F grade, including the two largest counties in the state (Maricopa and Pima).
- Phoenix is the state's largest city: It ranks fifth worst in the country for ozone, and seventh worst for year-round particle pollution.

### Health benefits

Arizona would experience significant public health benefits from implementing zero-emission transportation and electricity resources by 2050:

- \$15.1 billion in health benefits
- 1,360 premature deaths avoided
- 38,500 asthma attacks avoided
- 182,000 lost work days avoided.

### Pediatric asthma

- 10.9% of children in Arizona have asthma, higher than the national average of 9.2%(1)
- In 2021, Tucson (Arizona's second largest city) was ranked 10th in the top 100 most challenging places to live with asthma.

### Potential consumer savings

- Arizona drivers could save money on fuel by switching from gas-powered vehicles to EVs.
- On average, fueling with electricity cost \$1.11 per "eGallon" compared to \$3.10 per gallon for regular gasoline. (2)
- Rural drivers in Arizona could save an average of \$763 annually by switching from gasoline to electricity.
- Charging an EV at home in Tucson, Arizona, is the equivalent to paying \$0.49 per gallon of gasoline.

### IJA and IRA funds invested in Arizona

- \$5.6B in public infrastructure and clean energy investments, with \$2.7B for transportation investments, including EV charging
- + \$9B in committed private investments in EVs and batteries

1. This is data reported in 2014, but unfortunately no newer asthma data in AZ does not seem to exist.

2. An "eGallon" is a metric to compare the cost of driving an electric vehicle the same distance as a gasoline powered vehicle could travel on one gallon of gasoline.