U.S. DEPARTMENT of ENERGY | Office of Critical Minerals and Energy Innovation

DRAFT REPORT

2025 Transportation Technology Deployment Report: Arkansas Clean Cities

Coalition Annual Report

March 2026



Clean Cities and Communities

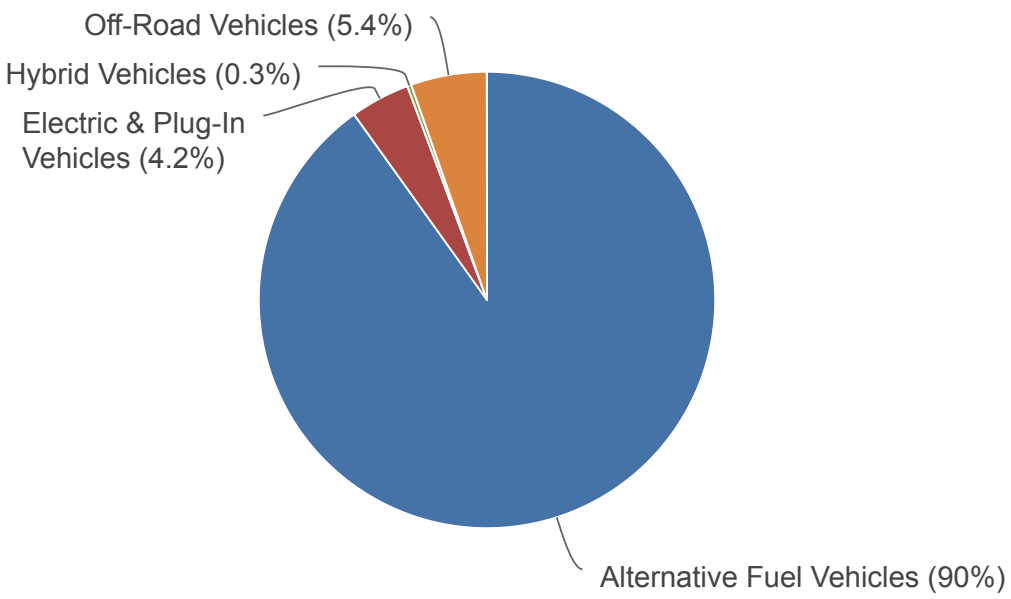
The U.S. Department of Energy's (DOE) Clean Cities and Communities partnership enhances the nation's energy security, supports economic prosperity, and improves air quality by fostering locally driven transportation energy choices that leverage domestic energy resources and innovative mobility technologies through collaborative partnerships with public and private stakeholders. A national network of more than 75 DOE-designated coalitions serve as the foundation of Clean Cities and Communities by working in urban, suburban, and rural areas to deliver objective technical expertise based on a unique understanding of local markets.

Every year, each Clean Cities and Communities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition directors, who lead the local coalitions, provide information and data via an online database managed by the National Laboratory of the Rockies (NLR). The data characterize membership, funding, projects, and activities of the coalitions. The coalition directors also submit data on the sales of alternative fuels, deployment of alternative fuel vehicles, idle-reduction initiatives, fuel economy activities, and efforts to reduce vehicle miles traveled. NLR and DOE analyze the data and translate them into energy use impact, air pollution reduction, and other metrics to show progress supporting the Clean Cities and Communities mission for individual coalitions and the network as a whole. This report summarizes those impacts for Arkansas Clean Cities.

To view aggregated data for all local coalitions in the network, visit cleancities.energy.gov/accomplishments.

2025 Gallons of Gasoline Equivalent Impacted

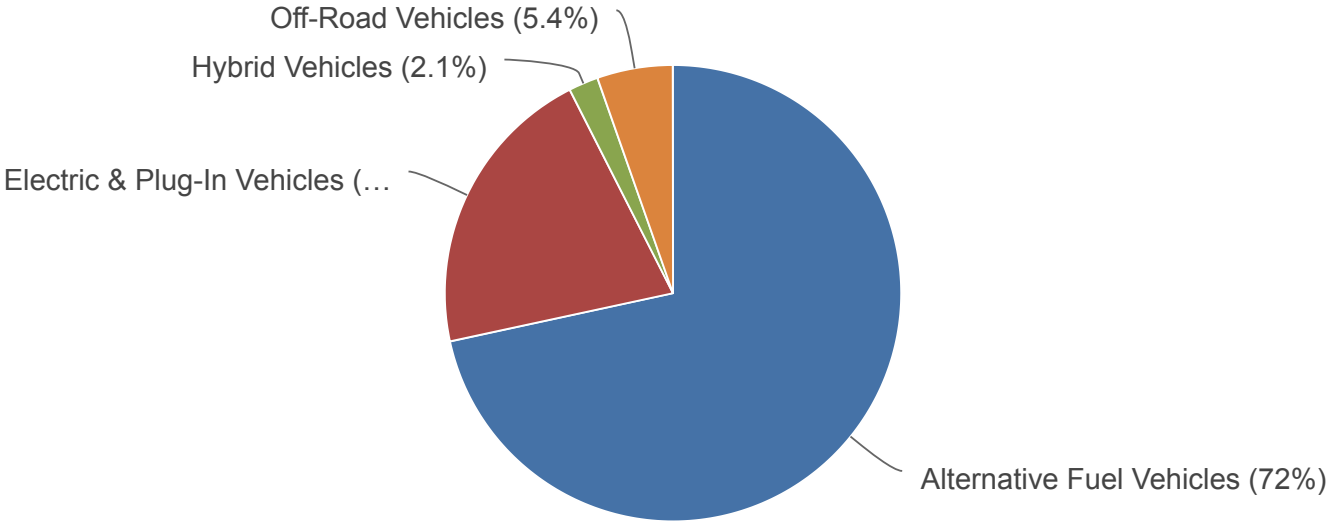
1,025,636 gallons



Highcharts.com

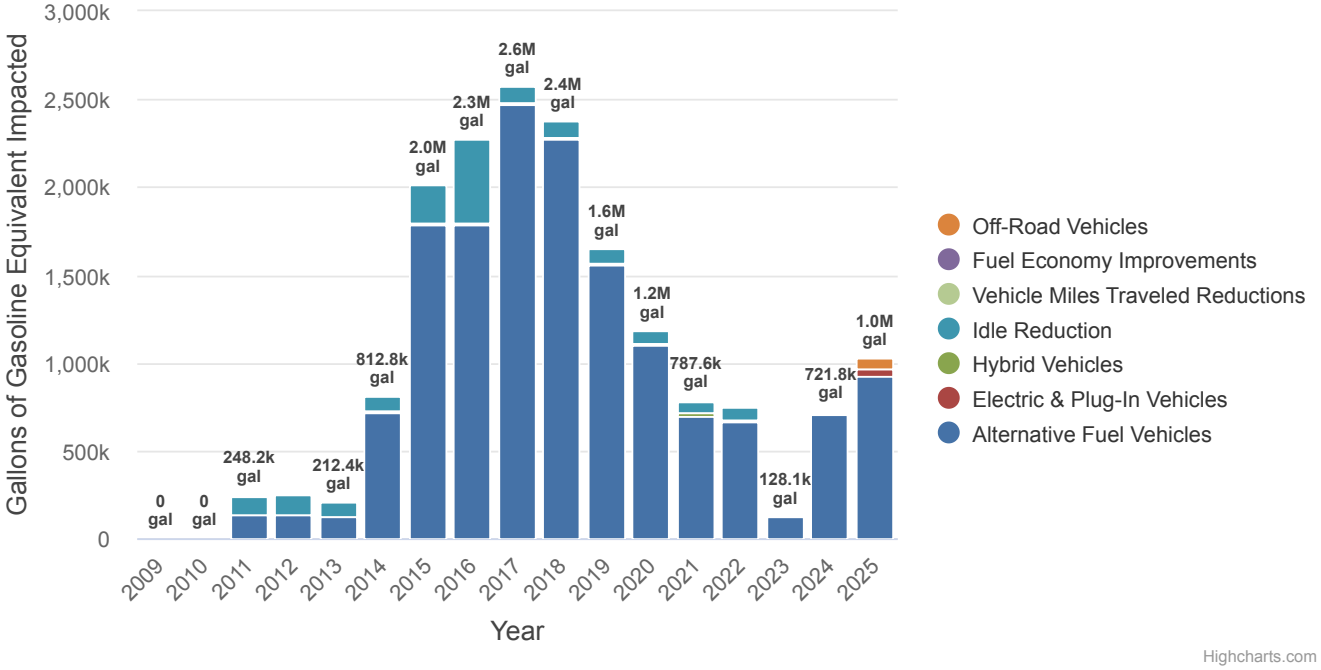
2025 Emissions Impacted

1,589 tons

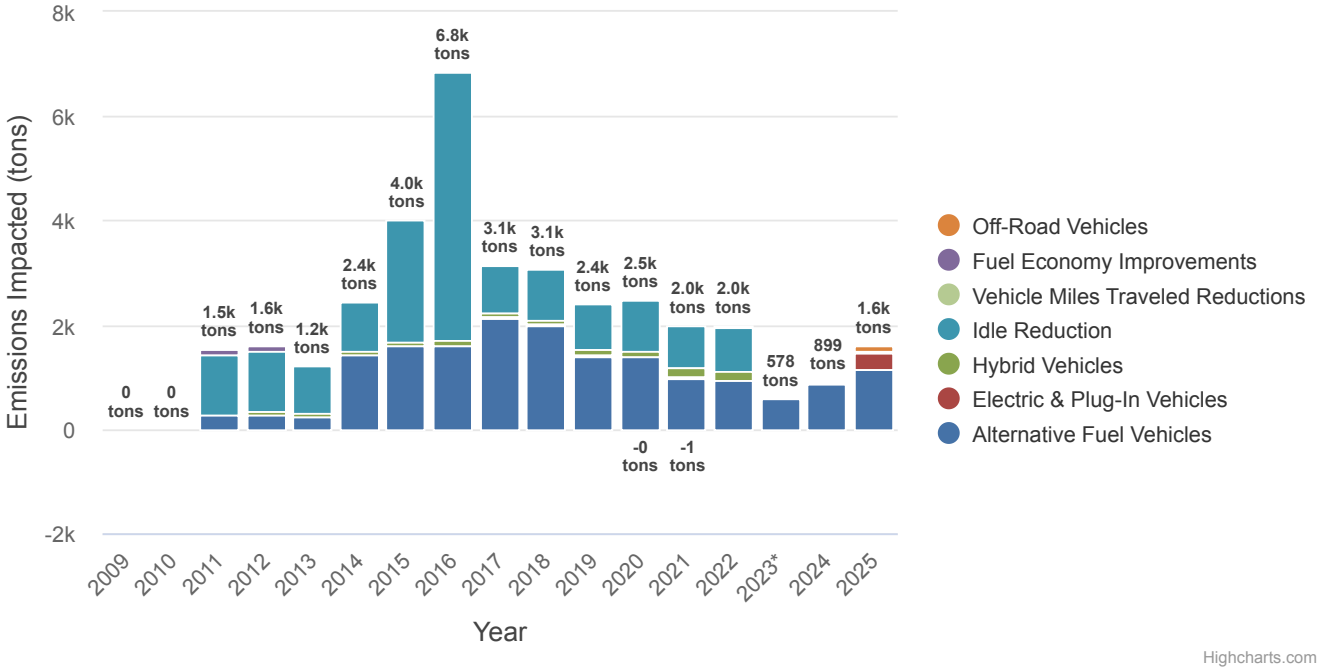


Highcharts.com

Historical Gallons of Gasoline Equivalent Impacted



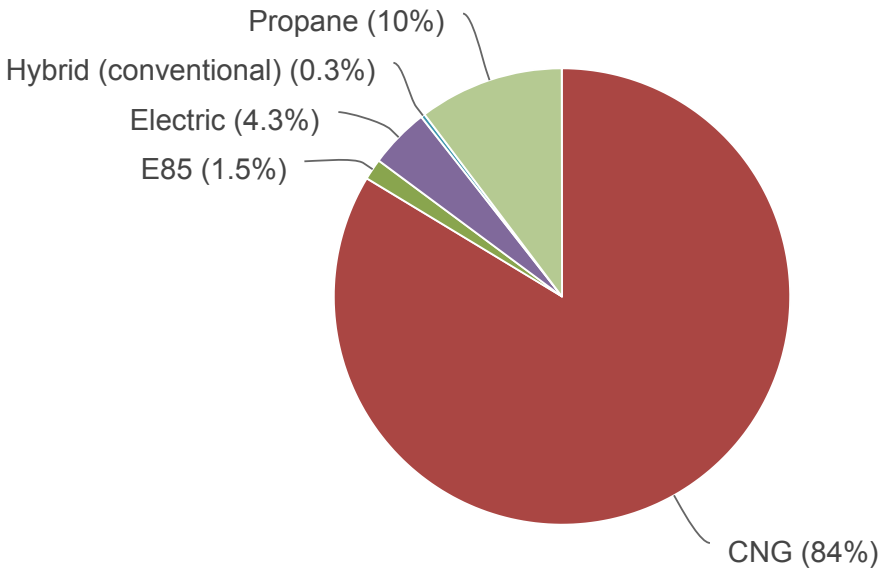
Historical Emissions Impacted



* Emissions displaced from CNG and LNG projects increased in 2023 because Clean Cities and Communities began accounting for the RNG sold into the vehicle fuel market through trading mechanisms set up through the Renewable Fuel Standard and the California Low Carbon Fuel Standard. Please see the Clean Cities and Communities Coalitions 2023 Annual Activity Report for details as to how and why this was allocated.

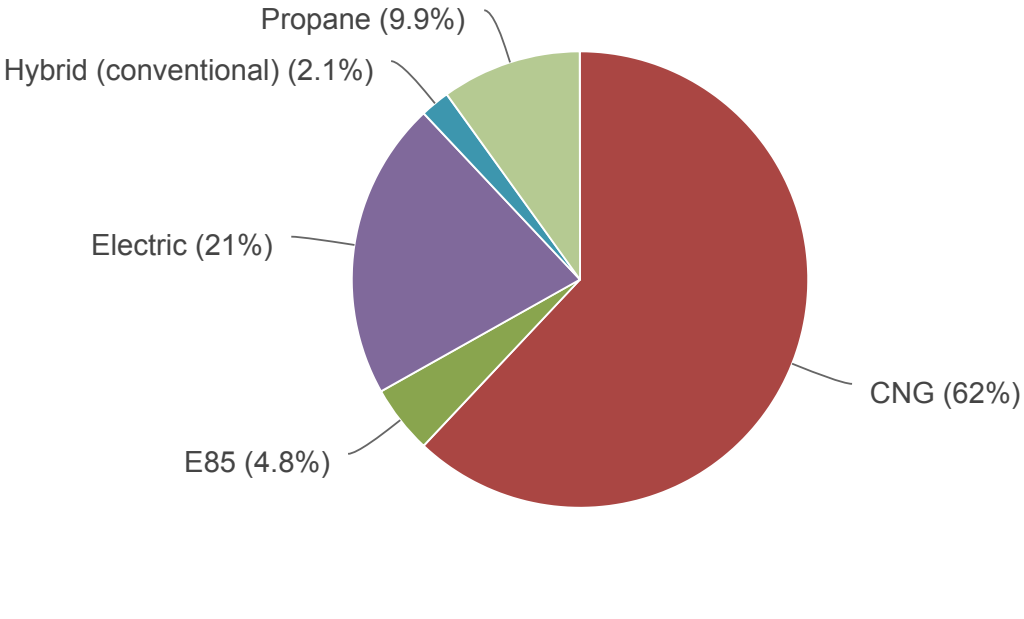
2025 Gallons of Gasoline Equivalent Impacted by Fuel Type for Alternative Fuel Projects

1,025,636 gallons



2025 Emissions Impacted by Fuel Type for Alternative Fuel Projects

1,589 tons



Criteria Pollutant Emissions Impacted

Criteria pollutants are chemicals that have been linked to human health effects and therefore regulated in the Clean Air Act of 1970. Criteria pollutants include nitrogen oxides (NOx) and volatile organic compounds (VOC), both precursors to ozone pollution or smog. They also include particulate matter (PM) grouped into 10 and 2.5 micron sizes. The Clean Cities and Communities annual report calculates them using the same assumptions and default values as AFLEET 2016, with some adjustments to fit specific data inputs. They are quantified at vehicle tailpipes, as those are the emissions contributing to the regulated "ambient" air quality of a given city. Upstream emissions from electric power plants, refineries, and biofuel feedstock farms are not included in this summary since those operations typically do not take place in or near population centers where the vehicles are operated and health effects can be documented. When a specific pollutant surpasses a given threshold for a given area, the area is considered to be in “nonattainment” for that pollutant. Nonattainment areas for given pollutants can be viewed at www.epa.gov/green-book. To learn more about what your emissions numbers mean, please take the Understanding Emissions or Emissions Compliance courses at Clean Cities and Communities eLearning.

Impacts by Technology	CO	NOx	VOC*	PM10	PM2.5
Alternative Fuel Vehicles - CNG	59,074 lb	1,300 lb	5,485 lb	160 lb	7 lb
Alternative Fuel Vehicles - E85	-2 lb	0 lb	21 lb	0 lb	0 lb
Alternative Fuel Vehicles - Propane	0 lb	0 lb	472 lb	0 lb	0 lb
Electric, Hybrid & Plug-in Vehicles - Electric	10,625 lb	293 lb	446 lb	63 lb	10 lb
Electric, Hybrid & Plug-in Vehicles - HEV	450 lb	14 lb	38 lb	6 lb	1 lb
Off-Road Vehicles	138 lb	4 lb	515 lb	1 lb	0 lb
Total:	**70,285 lb**	**1,611 lb**	**6,977 lb**	**229 lb**	**19 lb**

* VOC is interchangeable with NMOG (non-methane organic gases) and NMHC (non-methane hydrocarbons) for all purposes relevant to the Clean Cities and Communities suite of technologies.