

2018 Transportation Technology Deployment Report:

Central Oklahoma Clean Cities (Oklahoma
City)

Expanded Edition

March 2019

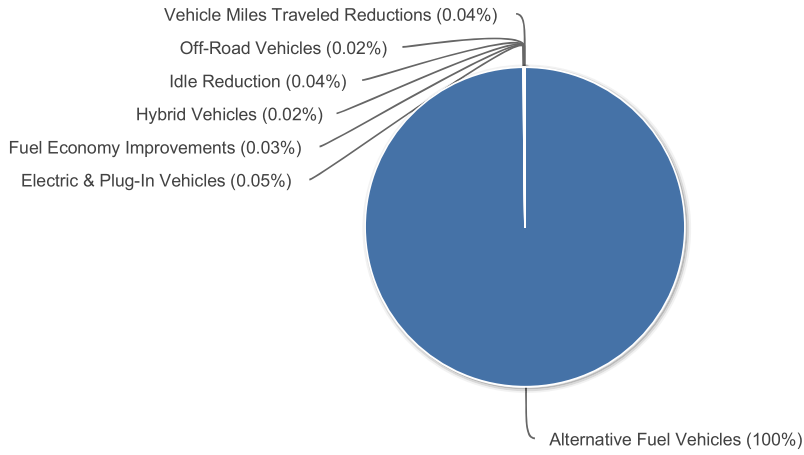
The U.S. Department of Energy's (DOE) Clean Cities program advances the nation's economic, environmental, and energy security by supporting local actions to reduce petroleum use in transportation. A national network of nearly 100 Clean Cities coalitions brings together stakeholders in the public and private sectors to deploy alternative and renewable fuels, idle-reduction measures, fuel economy improvements, and new transportation technologies, as they emerge.

Every year, each Clean Cities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition coordinators, who lead the local coalitions, provide information and data via an online database managed by the National Renewable Energy Laboratory (NREL). The data characterize membership, funding, projects, and activities of the coalitions. The coordinators also submit data on the sales of alternative fuels, deployment of alternative fuel vehicles and hybrid electric vehicles, idle-reduction initiatives, fuel economy activities, and programs to reduce vehicle miles traveled. NREL and DOE analyze the data and translate them into petroleum-use and greenhouse gas reduction impacts for individual coalitions and the program as a whole. This report summarizes those impacts for Central Oklahoma Clean Cities (Oklahoma City).

To view aggregated data for all local coalitions that participate in the Clean Cities program, visit cleancities.energy.gov/accomplishments.

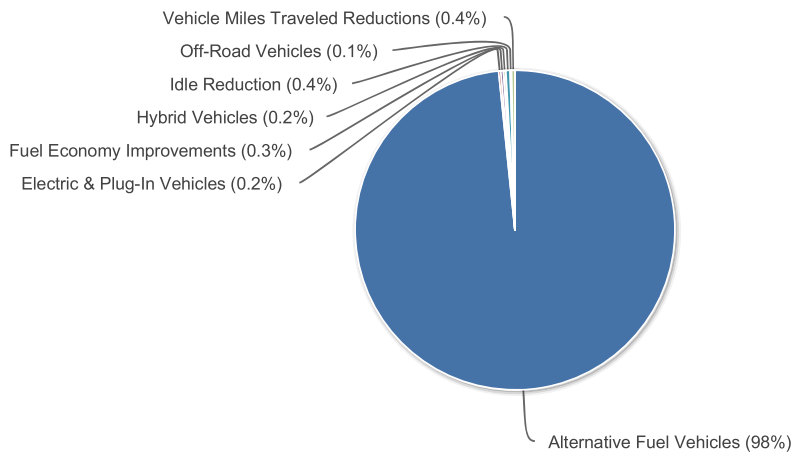
2018 Gallons of Gasoline Equivalent Reduced

13,628,317 gallons

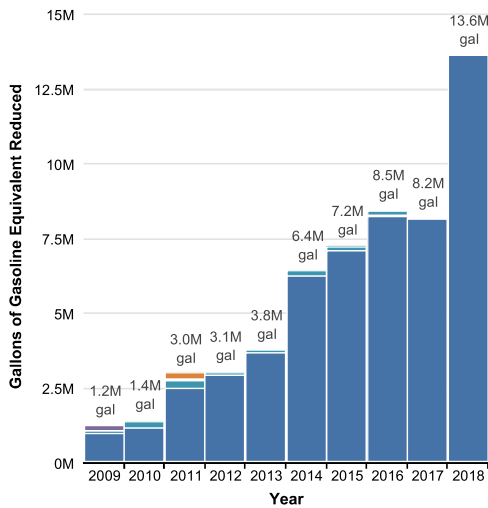


2018 Greenhouse Gas Emissions Reduced

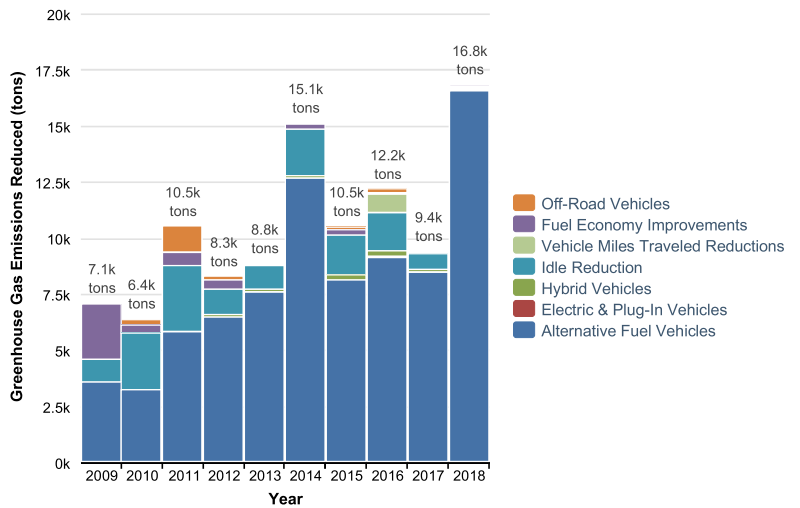
16,795 tons



Historical Gallons of Gasoline Equivalent Reduced

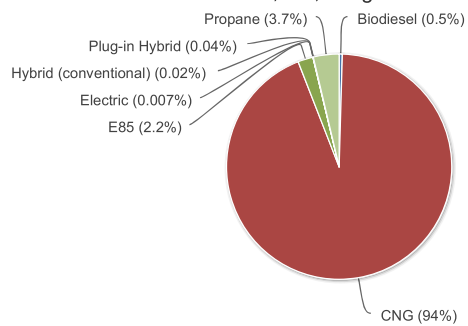


Historical Greenhouse Gas Emissions Reduced



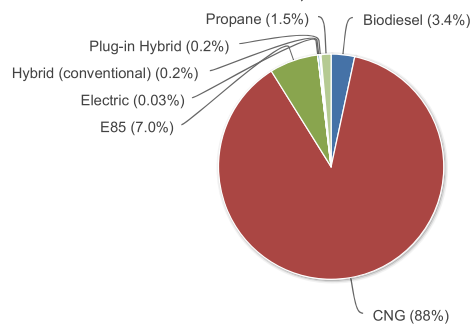
2018 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

13,614,015 gallons



2018 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects

16,618 tons



Criteria Pollutant Emissions Reduced

Criteria pollutants are chemicals that have been linked to human health effects and therefore regulated in the Clean Air Act of 1970. The Clean Cities 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. This means that they omit emissions from sources such as electric power plants, refineries, and biofuel feedstock farms (where emissions are sufficiently removed from populations in order to minimize health effects). 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 University.

Reductions by Fuel Type*	NOx	VOC	CO	PM10	PM2.5
Biodiesel	0 lb	0 lb	0 lb	0 lb	0 lb
CNG - Compressed Natural Gas	187,875 lb	9,620 lb	-478,351 lb	4 lb	3 lb
E85 - 85% Ethanol	0 lb	73 lb	0 lb	0 lb	0 lb
Electric (all-electric)	4 lb	6 lb	115 lb	0 lb	0 lb
Hybrid (conventional)	2 lb	3 lb	0 lb	0 lb	0 lb
Plug-in Hybrid	3 lb	5 lb	84 lb	0 lb	0 lb
Propane	28,616 lb	-2,015 lb	-48,862 lb	200 lb	47 lb
VMT Reduction (Diesel)	31 lb	1 lb	25 lb	1 lb	0 lb
Total:	216,531 lb	7,692 lb	-526,990 lb	206 lb	50 lb

* This table accounts for criteria pollutants from alternative fuel vehicle, hybrid vehicle, and VMT reduction projects only. It does not include fuel economy, idle reduction, or off-road projects. Negative values indicate an increase in emissions.

COALITION

Central Oklahoma Clean Cities (Oklahoma City) - OK

<http://www.okcleancities.com/>

Designated: 05/29/1996

Boundaries: Counties: Canadian, Cleveland, Grady, Logan, McClain, Oklahoma, City of Oklahoma City

COORDINATORS

	Address	Telephone	Fax
Eric Pollard	4205 N Lincoln Blvd Oklahoma City, OK 73105		

Number of coordinators	1
Coordinator(s) hours per week on Clean Cities	26 hours
Other staff hours per week on Clean Cities	14 hours
How long have you been the coordinator?	4 years

OPERATING INFORMATION

Coalition organizational structure	Hosted in a planning organization (COG/MPO/ RPC)
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Stakeholders

Number of stakeholders	125
Number of private stakeholders	75
Does the State Energy Office provide any financial support to the coalition or stakeholders?	Yes

Explain State Energy Office's support

The Oklahoma Department of Commerce's State Energy Office awarded ACOG's Central Oklahoma Clean Cities program a State Energy Program (SEP) grant for FY18 and is expected to fund the program at similar levels for FY19.

How would you rate the quality of the data on your survey?	Good
How do you obtain most of your data for the survey?	Coalition records, Paper, e-mail, or spreadsheet questionnaire to stakeholders, Phone calls to stakeholders
Has your coalition registered with www.grants.gov ?	Yes

2018 Outside Funding

Stakeholder dues collected	\$5,000
How much funding is obtained from other sources to cover coalition operating expenses?	-
Non-DOE or ARRA grant and matching funds spent in 2018	\$100,000
Total non-DOE or ARRA funding in 2018	\$105,000