

2018

year in review



Dallas-Fort Worth
CLEAN CITIES

Annual Report

The Dallas-Fort Worth (DFW) Clean Cities Coalition works with local fleets to promote practices and decisions to reduce petroleum consumption and improve air quality. The Annual Report is a collection of yearly surveys completed by fleets in the region showing their petroleum reductions through collaborative efforts between the fleets and DFW Clean Cities.

~23mil

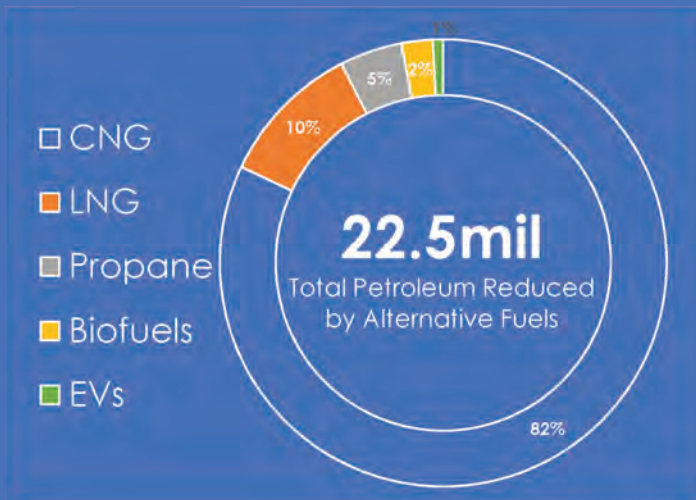
gallons of gasoline
equivalent reduced

~32.8K

tons of greenhouse gas reduced
equivalent to emissions from 162
railcars of coal burned

~782k

lbs. of nitrogen oxides reduced



6,993

Vehicles Across 32
Fleets Surveyed

526

Electric Vehicles
Across 5 Fleets

387

LPG Vehicles
Across 9 Fleets

3,408

Biofuel Vehicles
Across 9 Fleets

100

LNG Vehicles
Across 1 Fleet

2,572

CNG Vehicles
Across 8 Fleets

Alternative Fuel Acronym Key

CNG = Compressed Natural Gas

LNG = Liquefied Natural Gas

LPG = Propane

EV = Electric Vehicle (Battery
Electric, Plug-In Hybrid, Hybrid)

Biofuel = Ethanol, Biodiesel,
Renewable Diesel

Fleets Employing Additional Fuel Efficiency Measures

26

Idle Reduction
Measurements

13

Fuel Economy
Improvements

12

Telematics

10

VMT
Reductions

Fleet Recognition

Fleets are awarded based upon their submittal of the DFW Clean Cities Annual Survey due every February.

This is the fourth year of recognition awards.



- Dallas
- DFW Airport
- Euless
- N. Richland Heights
- Richardson
- Southlake



- | | | |
|--------------|----------------|------------------|
| • Addison | • Denton | • Lewisville |
| • Carrollton | • Denton ISD | • Plano |
| • Coppell | • Flower Mound | • Tarrant County |
| • DART | • Irving | • Trinity Metro |



Electric Vehicles North Texas

Unlike other alternative fuels, electric vehicles in all their forms are an increasingly common sight in the DFW region, especially with the general public. With limited to zero emissions, electric vehicles have a significant impact on improving regional air quality.

6,701
EVs in DFW Area

48%
Growth since Dec. 2017

Estimated Annual Emission Reductions*

~2.26mil

Gasoline Gallon
Equivalent

~10k lbs.

NOx

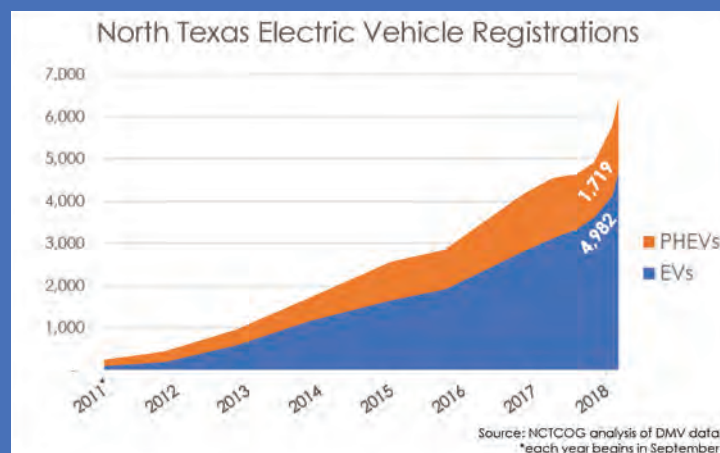
~13k tons

Greenhouse Gas
Emissions

~14.8k lbs.

Volatile Organic
Compounds

*Using the Argonne National
Laboratory's AFLEET Tool



Drive Electric Week

169
EVs Attended

2nd Largest
Event in the Country

627
Registered
Attendees

9.8.18
Grapevine Mills Mall

Outreach

By the Numbers in 2018

+110,000
Reached at
Community Outreach
Events

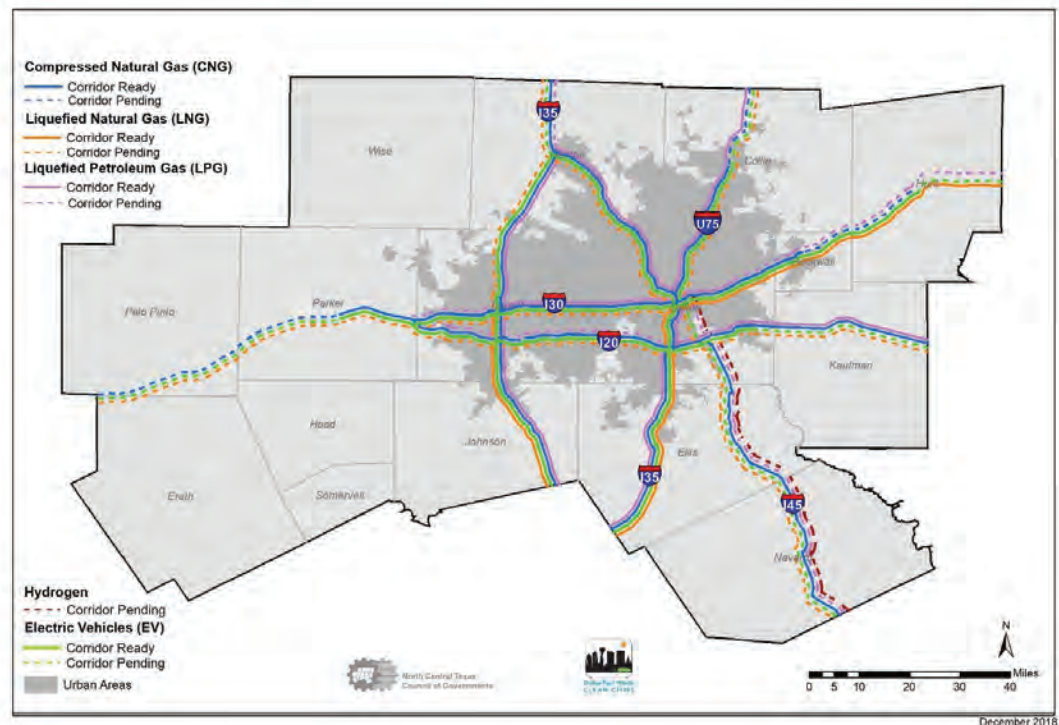
+1,000
E-blast Subscribers
138 added this Year

+4,000
Website Visitors

14
DFW Clean Cities
Hosted Events

Alternative Fuel Corridors

Alternative Fuel Corridors are roadways within the National Highway System that provide sufficient alternative fuel and charging facilities for motorists. This initiative aims to develop a robust national network of alternative fueling and charging infrastructure, with correlated signage, along the National Highway System to improve the mobility of motorists that drive vehicles powered by alternative fuels or electricity.

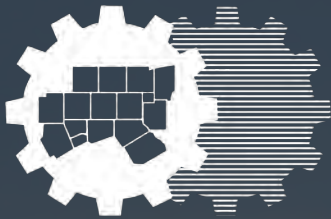


Number of Public Fueling Station in DFW Area

6	9
LNG Stations	LPG Stations
25	322
CNG	EV Stations

Total Miles of Designated Corridors in North Texas

441	335	284	149
Miles of CNG Corridor	Miles of EV Corridor	Miles of LPG Corridor	Miles of LNG Corridor



North Central Texas
Council of Governments

The North Central Texas Council of Governments (NCTCOG) is a voluntary association of, by and for local governments, established to assist in regional planning. NCTCOG's purpose is to strengthen both the individual and collective power of local governments and to help them recognize regional opportunities, eliminate unnecessary duplication, and make joint decisions.



Dallas-Fort Worth
CLEAN CITIES

The Dallas-Fort Worth (DFW) Clean Cities Coalition is hosted within the NCTCOG. Through this program, we work with local fleets to promote practices and decisions to reduce petroleum consumption and improve air quality. DFW was one of the first regions to be designated as part of the DOE Clean Cities initiative in 1995. DFW Clean Cities stakeholders reduce petroleum use by over 20 million gallons annually by using alternative fuel vehicles, reducing idling, and saving fuel through other best practices.

THANK YOU!

your dfw clean cities team