



North Central Texas
Council of Governments



Dallas-Fort Worth
CLEAN CITIES

Texas Electric Vehicle Registration Update

Savana Nance

September Public Meeting

September 11, 2023

Electric Vehicle Registration Data

Dallas-Fort Worth Clean Cities (DFWCC) Receives Electric Vehicle (EV) Registration Data from the Texas Department of Motor Vehicles

- Battery-Electric Vehicle (BEV)
- Plug-in Hybrid Electric (PHEV)

Data is Quality Controlled and Made Available Using Visual Analytic Software (Microsoft Power BI)

- Registration Data by City, County, Zip Code and Interactive Map

Data Used to:

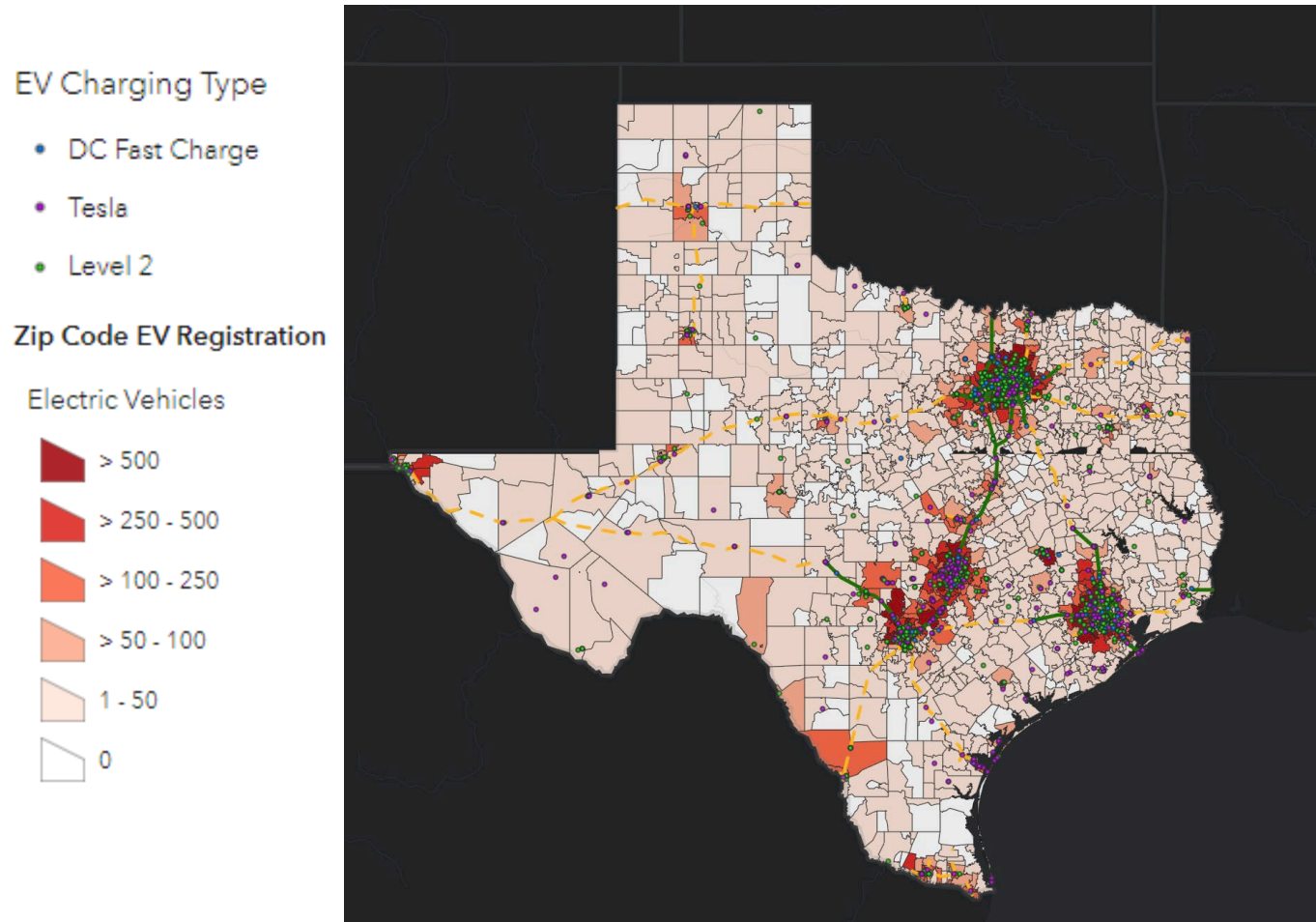
- Identify Regional Needs
- Inform and Educate Local Governments, Utilities, and Stakeholders
- Support EV Infrastructure Planning Efforts

Texas EV Registration Data - www.dfwcleancities.org/evsintexas

North Texas EV Registration Data - www.dfwcleancities.org/evsinnorthtexas



Texas Data And Trends



Source: NCTCOG



Texas Electric Vehicle Registration Update

EV Registration Data

Region	August 2022	August 2023	Increase
Texas	140,014	218,889	56%
DFW	49,783	81,093	63%
Austin	29,550	43,321	47%
San Antonio	13,960	21,102	51%
Houston	32,787	52,949	61%

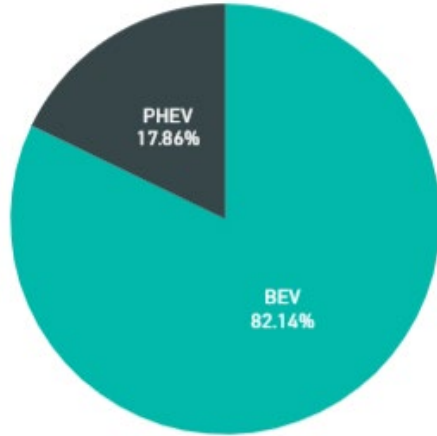
Data Source: TxDOT DMV Registration

Charging Sites Statewide (includes Tesla):

- 2,692 Level 2
- 426 DC Fast

North Texas Data And Trends

EV Technology



Top 5 EV Models

Tesla Model 3	20,926
Tesla Model Y	19,323
Tesla Model S	6,316
Tesla Model X	3,736
Chevrolet Bolt	1,792

EV Registration Data

County	August 2022	August 2023	Increase
Collin	12,565	22,112	76%
Dallas	14,747	22,620	53%
Denton	8,942	15,208	70%
Ellis	634	977	54%
Hood	225	307	36%
Hunt	187	285	52%
Johnson	450	681	51%
Kaufman	426	878	106%
Parker	555	880	59%
Rockwall	781	1,176	51%
Tarrant	9,986	15,555	56%
Wise	124	194	56%

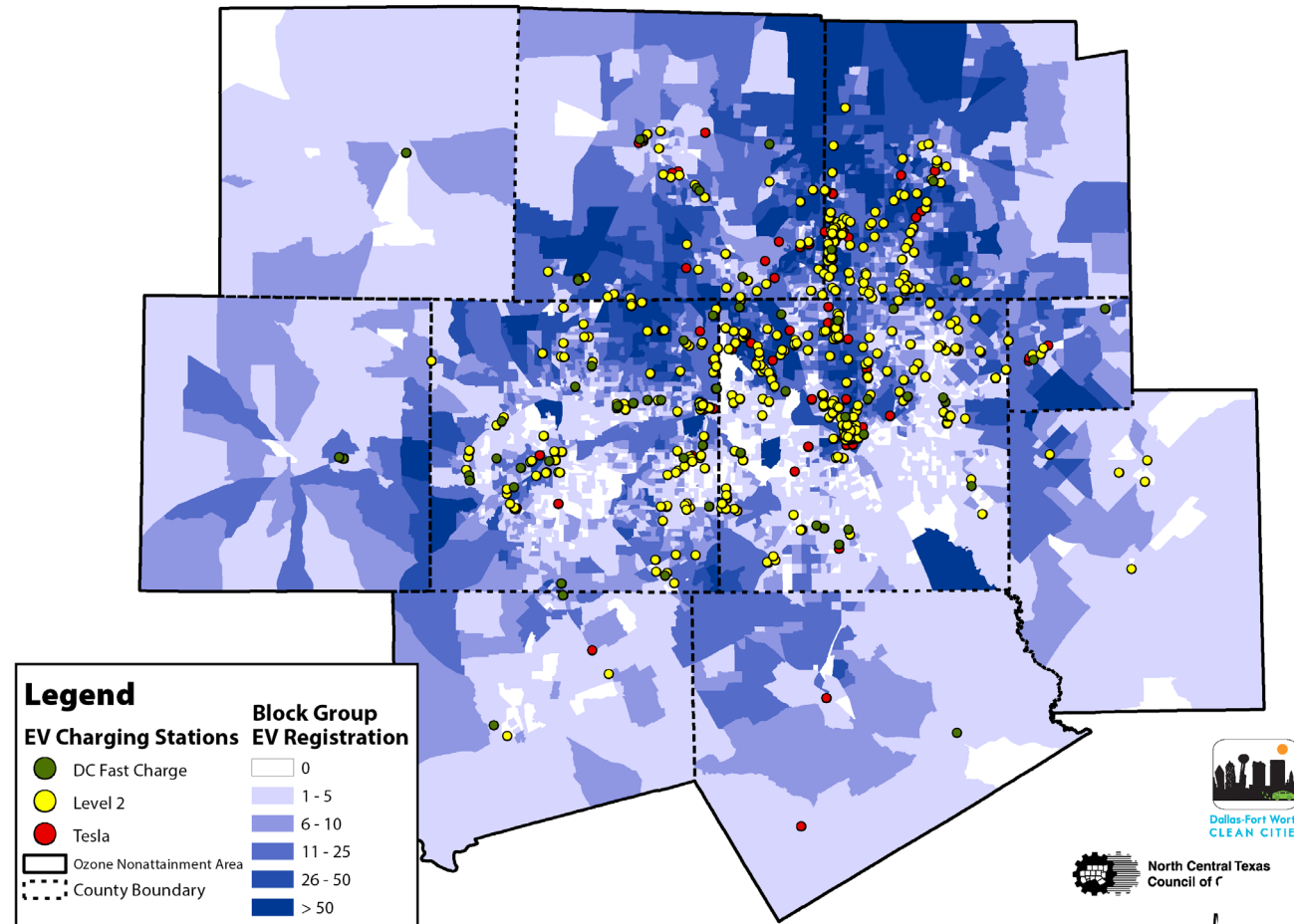


EV Adoption and Infrastructure Availability

County	Level 2 Plugs*	DC Fast Charge Plugs*
Collin	330	13
Dallas	676	59
Denton	137	31
Ellis	8	4
Johnson	16	2
Kaufman	16	7
Parker	4	3
Rockwall	10	6
Tarrant	409	42
Wise	1	1

*As of August 2023; Excludes Tesla Stations

EV Registration and EVSE in Ozone Nonattainment Area



Source: NCTCOG



Texas Electric Vehicle Registration Update



National Electric Vehicle Infrastructure Formula Funding Impacts to Texas

Texas Department of Transportation (TxDOT) to Administer
~\$408 M Over Five years to Deploy EV Charging in Texas

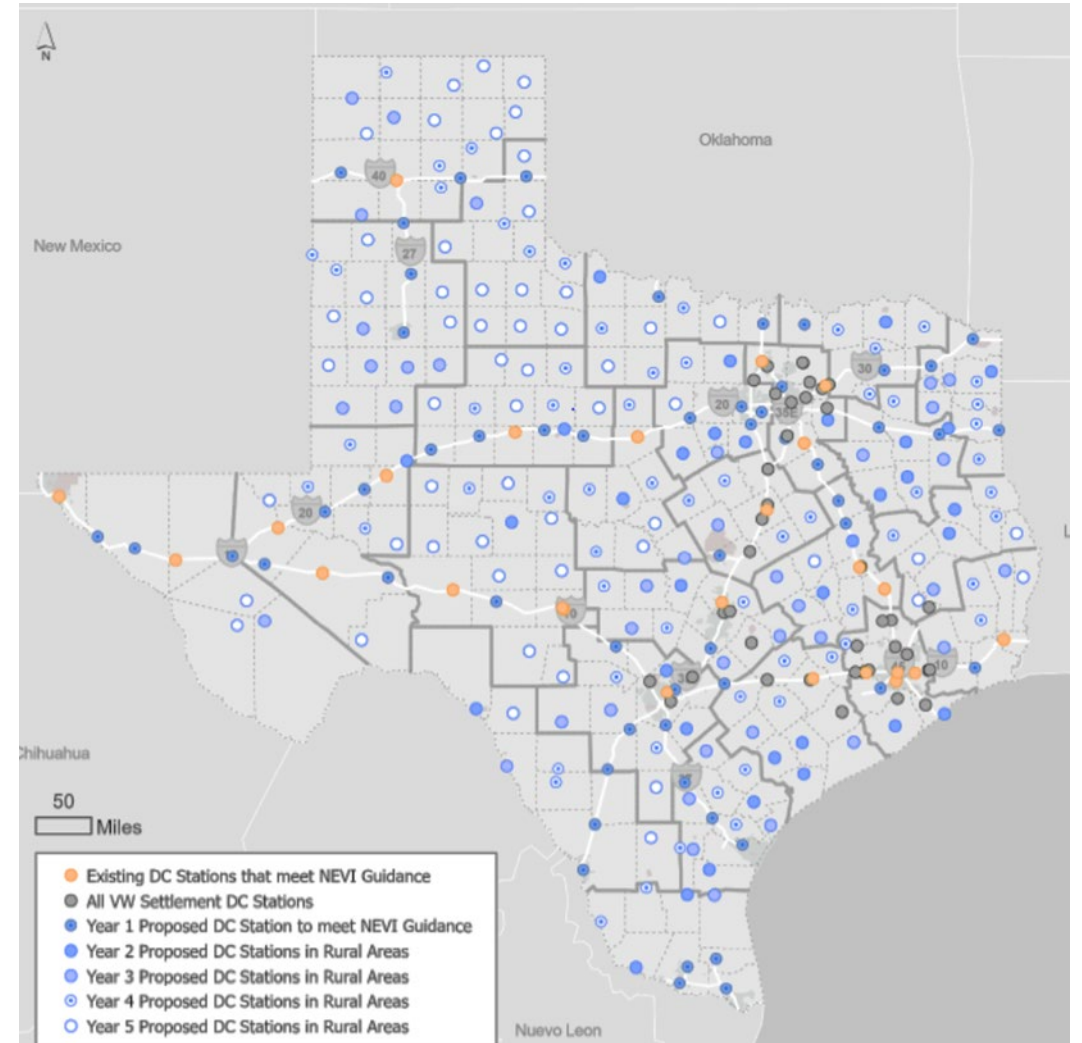
Texas EV Charging Plan

Phase 1: Install DC Fast Charging in Recommended Study Areas Along Designated Corridors

- One Qualifying Station Every 50 miles
- Competitive Grant Program Now Open
 - Applications due: October 16, 2023
 - [Texas electric vehicle planning \(txdot.gov\)](https://www.txdot.gov/electric-vehicle-planning)

Phase 2: Two Parallel Approaches

- Build Infrastructure in Rural Areas, Focused on County Seats
- Work with Metropolitan Planning Organizations to Build Infrastructure in Urbanized Areas
 - See Interactive Map to **identify new charging sites**, preferred charging types and provide comments



Source: TxDOT

Oncor's Electrification Efforts

Oncor's EVolution Program

- Ensure Adequate Infrastructure Planning for Fleets to Maximize Efficiency and Profitability
 - No Cost to Participate
 - Fleet Managers and Program Partners can Enroll!
 - [EVOLUTION \(oncor.com\)](https://oncor.com)



Oncor's Managed EV Charging Study

- EVolution Participants are Eligible to Participate
- Provides up to \$25,000 for Commercial Fleets to Work with Oncor on Peak Demand Shifting and Other Energy Efficiency Objectives
 - Participants Must Have 5 EV Chargers or at Least 2 Medium- Heavy-Duty EVs
 - Participants Must Attend Monthly Meetings
- Contact Joshua.Emeter@oncor.com for more information



National Drive Electric Week

National Celebration to Raise Awareness of Benefits of EVs

- Exhibitors
- Electric Vehicle Display and Ride and Drives
- Food, Games, and more

Dallas-Fort Worth National Drive Electric Week

Sunday, October 1, 2023, 2:00 - 5:00pm

Tanger Outlets

15853 North Fwy, Fort Worth, TX 76177



2022 National Drive Electric Week Event

Register and learn more at <https://www.dfwcleancities.org/ndew>



Contact Us



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