AIR QUALITY UPDATE

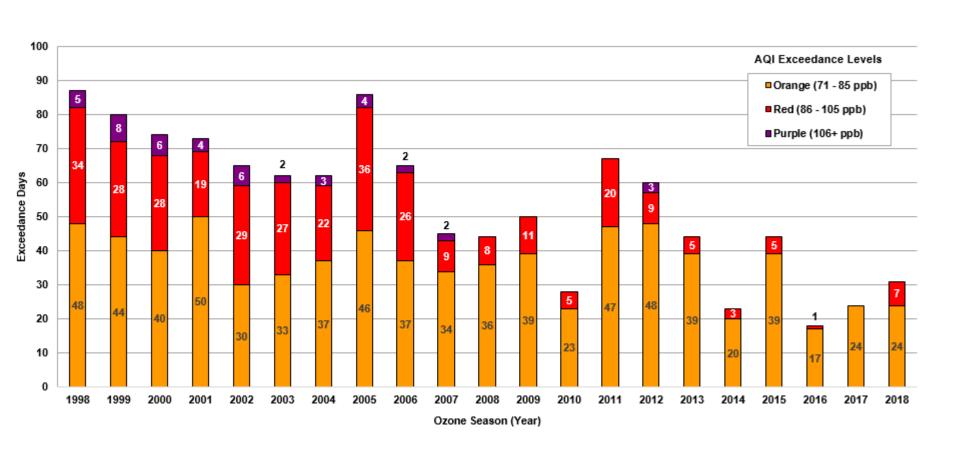
Air North Texas Coalition Conference Call September 20, 2018

> Jenny Narvaez Program Manager

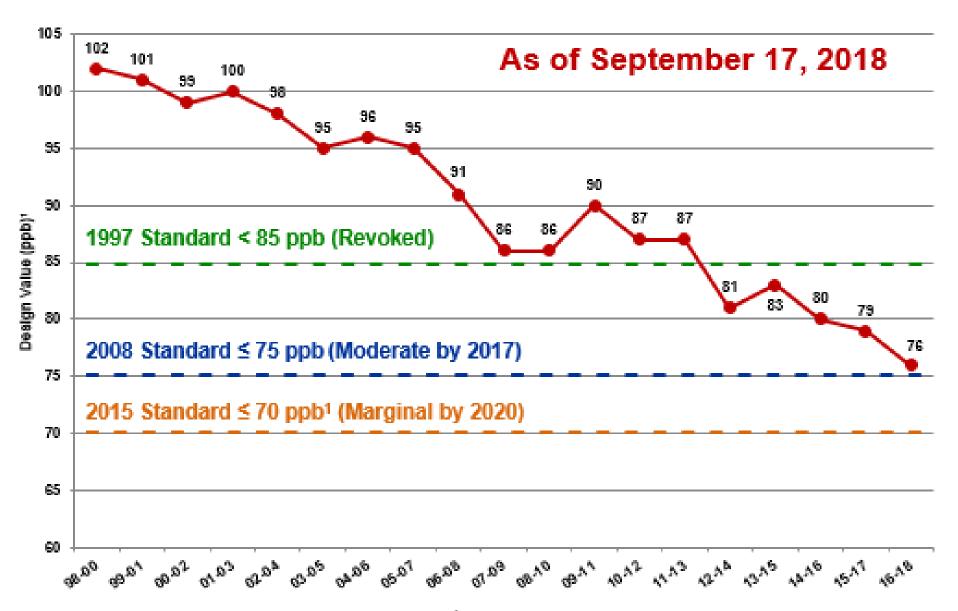


8-HOUR OZONE NAAQS HISTORICAL TRENDS

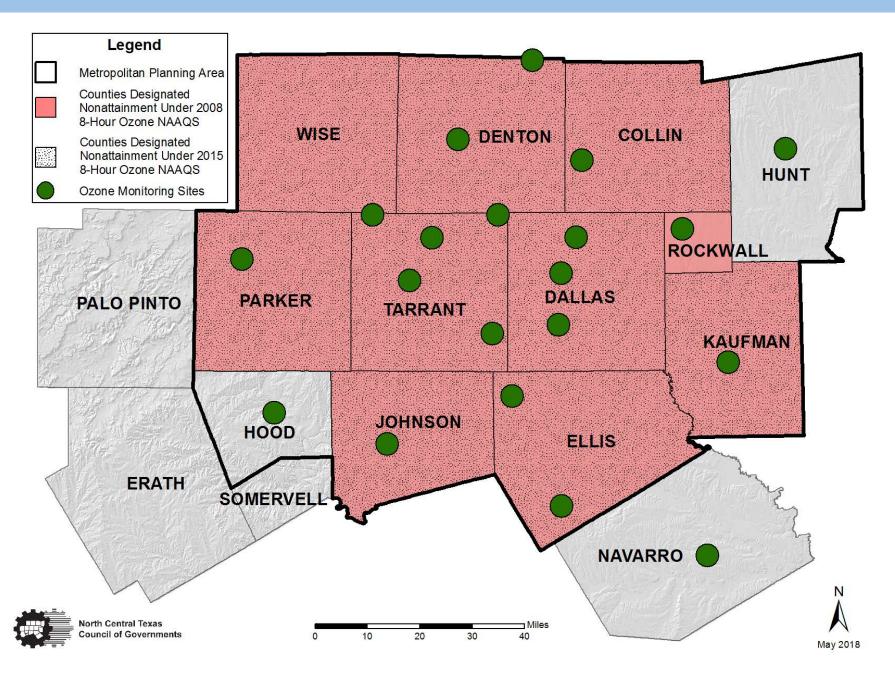
Based on ≤70 ppb (As of September 17, 2018)



8-HOUR OZONE NAAQS HISTORICAL TRENDS



2015 8-HOUR OZONE NAAQS DESIGNATIONS



CONTACTS

Jenny Narvaez
Program Manager
(817) 608-2342
jnarvaez@nctcog.org

https://www.nctcog.org/trans/quality/air/ozone

511DFW

Kimberlin To & Kyle Roy September 20, 2018



511DFW

Regional Traveler Information System

Integrate data from various sources

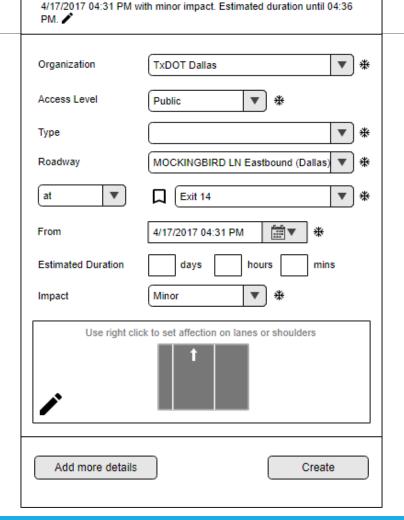
- TxDOT (Speeds, DMS, CCTV images, Incidents)
- Cities
- Waze (bidirectional, filtered, unfiltered)
- HERE Speed, Travel Time, Trip Planner

Transit data and Trip Planner



511DFW Components

- Website
- My511 Personalized Website
- Dial 511 Interactive Voice Response
- Mobile App
- Available in Spanish
- Information Exchange Network
- Data Archive
- Performance Measures
- Open API



Traffic Incident at MOCKINGBIRD LN Eastbound (Dallas). From

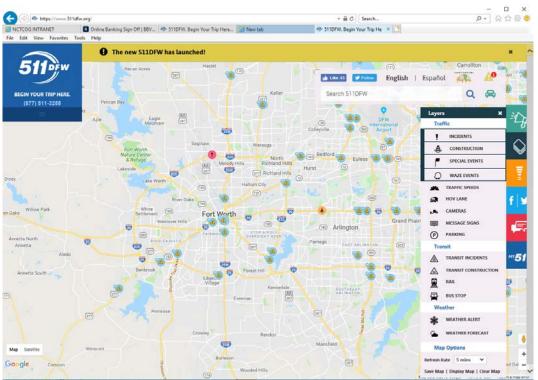
Traffic Incident

20170619083005



511DFW new and Future Enhancements

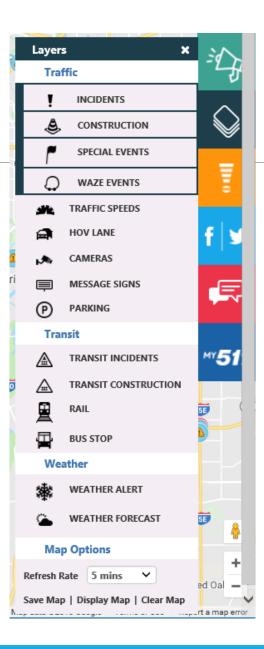
- EV Charging Stations
- Bike/Ped Routes
- Freeway Motorist Assistance
- Future:
 - Traffic Signal Control Module
 - Parking
 - Wrong Way Driving





511DFW Demo

- Layers
- Events List
- Facebook and Twitter Feeds
- My511





511DFW Paid Advertising

August 2018 and October 2018 – September 2019

- Traditional Radio
- Streaming Audio
- Social Media
- Search Engine Optimization



511DFW Outreach

- Promotional Items
- Media Relations
- Social Media
- Electronic Newsletters
- Press Releases
- Dynamic Messaging Signs
- Community Coordination
- Business and College Outreach





Air North Texas Partner Progress Report Guidelines: 2017-2018

Using the guidelines below, please write a report outlining how your organization promoted the Air North Texas campaign from September 1, 2017 through September 1, 2018.

Remember:

- Not all tasks will apply to your organization.
- If implemented before September 1, 2017, please give the date and indicate that the task is ongoing.
- Note that some sections request attachments.

Progress Reports will be used to select the 2017-2018 Air North Texas Partner of the Year and the Outstanding Efforts awards, with categories for advertising, outreach, initiative, and an Arlo Ambassador award. A winner may not be selected for all categories previously mentioned. Please direct any questions to Whitney Vandiver at www.wandiver@nctcog.org or 817-704-5639.

Submit completed progress reports via email by close of business **Friday, September 21, 2018**. Please send reports to:

Whitney Vandiver, North Central Texas Council of Governments

Email: wvandiver@nctcog.org

Fax: 817-604-3028

Thank you for your participation in the 2017-2018 Air North Texas Progress Report.

Report Guidelines

Excluding attachments, your report should be no longer than three single-spaced pages with no less than 10 pt font.

I. Implementation Section

a. Examples of promotion of the campaign and its messages – include descriptions of any of the following that your organization may have implemented:

Website content

- Link to official Air North Texas website on your organization's website
- Website content development and/or content revision for your organization's website

Provided content/information for the Air North Texas website

Advertising content

- Promoted the Air North Texas campaign through social media posts and/or online videos
- Placed Air North Texas brand/logo on printed materials
- Placed Air North Texas ads in print, online, TV, radio, billboard and/or other sources

Community involvement

- Hosted and/or participated in one or more public events (i.e. community outreach event, Earth Day events, Clean Air Action Day, etc.) to generate awareness of the Air North Texas campaign
- Recruited and encouraged general public audience to sign up as an Air North Texas member through Air North Texas website

Press content

- Hosted and/or supported one or more press, promotion, or partner recognition event(s) for media and/or other stakeholders (offered transit passes, recognized Air North Texas partners, held a press event, etc.)
- Issued at least one press release announcing your membership and participation in the Air North Texas campaign (i.e. Clean Air Action Day, recently joined as an Air North Texas partner)
- o Publicized your organization's involvement with the Air North Texas campaign
- o Published articles or other informational materials endorsing the partnership

Arlo content

- Promoted the Air North Texas campaign by posting Arlo related content on social media posts
- Placed images of Arlo on ads in print, online, TV, radio, billboard and/or other sources
- Utilized Arlo in a contest or campaign unique to your entity
- b. When describing your promotional actions, be sure to include the following information:
 - Date(s) implemented
 - URL (if applicable)
 - Specific examples/descriptions of implementation
 - If discussing an event: Please give name, location, date, and number of people reached
 - o **If discussing an ad**: Please give name of publication, dates placed, and number of impressions/readers (if available)
 - Please give similar information for other implementation strategies
- c. Please attach supporting material if applicable (i.e. any examples of artwork, brochures, ads, press releases, media stories, giveaways, fliers, newsletter stories, website articles, photos, etc.).
- d. Include other implementation that is not discussed above, but shows innovation in its approach and/or method

II. Future Implementation Section

- a. **See bulleted list above under I.a.** please give a brief explanation if you plan to implement any of these marketing components or a marketing component in the future.
- b. Be sure to include when you plan on implementing the project (i.e. three months from now or six months from now).

III. Future Needs Section

- a. Please state specific needs your organization requests of Air North Texas.
- b. Please state what events, materials and/or information, you would like to see Air North Texas provide.
- c. Please list events for 2018 and beyond where you would like to see Air North Texas information displayed. Please provide contact information if you have any.

AIR NORTH TEXAS

Campaign Quantification
July 5, 2018 – September 5, 2018

Air North Texas Coalition September 20, 2018

Ciera Collins and Erin Arnim, NCTCOG



Air North Texas Web Analytics

Visits

5,981

Decreased

by 1% compared to 2017

Avg. Time

:40sec

Increased

by 8 seconds compared to 2017

Pageviews

10,681

Increased

by 4%

compared to 2017

New Visits

81.3%

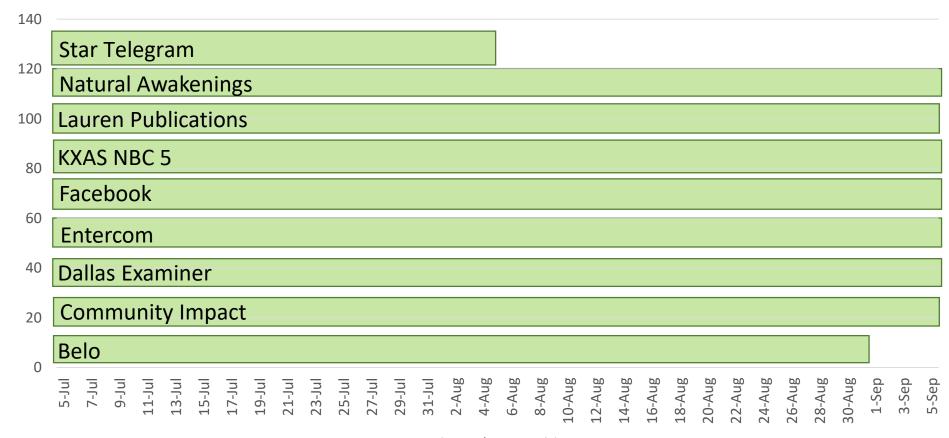
Decreased

by 0.7%

compared to 2017

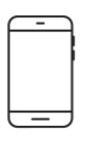


Web Traffic + Advertising



Air North Texas Visits

Visits By Device



4,550

9% Decrease compared to 2017



401

21% Increase compared to 2017

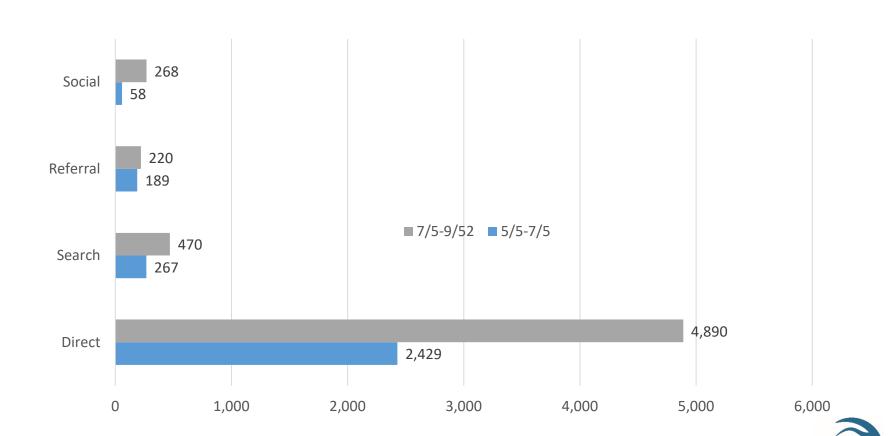


1,029

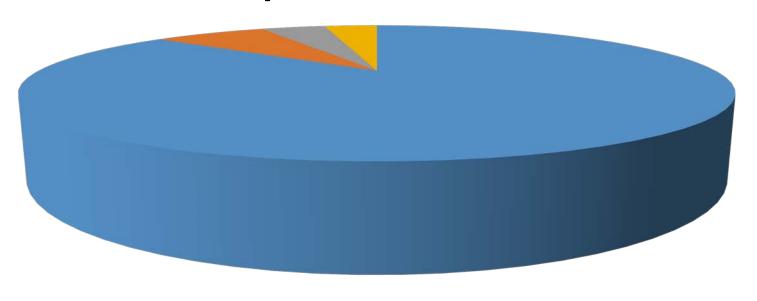
40% Increase compared to 2017



How Visitors Found Air North Texas



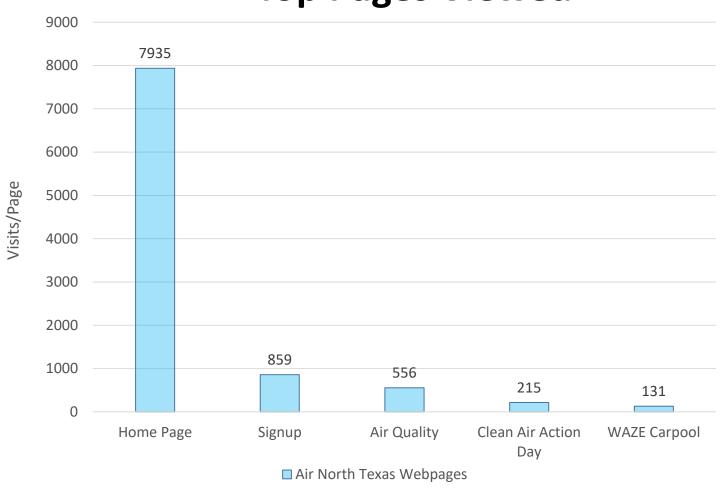
Top Directed Sites



- Facebook (53%)
- Dallas Community College (4%)
- Fort Worth (2%)
- Drive Clean Texas (2%)



Top Pages Viewed







NCTCOG Transportation Department @NCTCOGtrans TAKE STEPS
TOWARD
IMPROVING
AIR QUALITY.
www.airnorthtexas.org





NCTCOG Transportation Department

August 14 · 🔇

Introducing to some and presenting to others, Arlo! He's not your typical armadillo, he's an AIRmadillo! Get it? Because his bands change color depending on the quality of the air. Arlo suffers from asthma, so this special trait helps him know when he can play outside (when he is green or yellow), and when he should limit his outdoor activity (when he is orange or red). Learn more about him and about air quality initiatives in North Texas at https://www.airnorthtexas.org/







City of Grand Prairie - Municipal Government 🕢 @cityofgptx

Like Page



City of Grand Prairie - Municipal Government @

Ensuring that your tires are properly inflated is just one of the many ways to reduce air pollution! What do you do to help improve air quality in Grand Prairie? #AirNTX



City of Grand Prairie - Municipal Government @

August 18 at 10:00 AM · 3

Arlo the Airmadillo encourages you to walk your kids to school this year. Not only does it improve air quality, but it also allows you to spend some quality time with your kids. #AirNTX



3 Comments 1 Share



Summer break ends, putting more people back on the road going to work and school. So. stay home one weekend and

Grand Prairie, TX @gp_tx · Jul 26

Ozone is predicted to be at Level Orange in the Dallas-Fort Worth area Reduce ozone-forming emissions observing speed limits and combining Children, older adults and people with lung disease should limit outdo activity.#CleanAirGP #AirNTX





Like Page ***

City of Grand Prairie - Municipal

July 15 · 🚱

Carpool to the lake, Epic Waters or one of our recreation centers this summer. By carpooling, you'll be helping reduce ozone emissions in Grand Prairie, #AirNTX











Like Page ***





City of Bedford, TX-@BedfordTX







Ozone is predicted to be at Level Orange in the Dallas-Fort Worth area tomorrow. Children, older adults and people with lung disease, such as asthma, emphysema, or chronic bronchitis, should limit outdoor activity if ozone reaches Level Orange. AirNorthTexas.org #AirNTX





Ozone is predicted to be at Level Orange in the Dallas-Fort Worth area tomorrow. Children, older adults and people with lung disease, such as asthma, emphysema, or chronic bronchitis, should limit outdoor activity if ozone reaches Level Orange. For more information, visit AirNorthTexas.org #AirNTX



Ozone Action Day Level Orange 17 M



City of Bedford, TX-City Services of shared a post. July 24 · 🔇

Ozone is predicted to be at Level Orange in the Dallas-Fort Worth area tomorrow. Children, older adults and people with lung disease, such as asthma, emphysema, or chronic bronchitis, should limit outdoor activity if ozone reaches Level Orange. For more information, visit AirNorthTexas.org #AirNTX



NCTCOG Transportation Department July 24 · 🚱

Ozone Action Day - Ozone in the DFW area Wednesday is predicted to be at Level Orange, unhealthy for sensitive groups. Children, older adults and people with lung disease, such as asthma, emphysema, or chronic bronchitis, should limit outdoor activity. Current ozone information: http://bit.ly/9nC9vy. Consider a clean air choice: http://bit.ly/2oAbaPt.



1 Comment 4 Shares





Green Dallas
@GreenDallasTX



16 NATIONAL LOVE A TREE DAY

• MAY • NATIONAL
RECYCLING
DAY &
NATIONAL
BIKE TO WORK
DAY

INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY

MAY 22





North Texas #<u>AirQuality</u> is good or moderate this week. Help improve air quality during the hot summer by picking up tips at www.airnorthtexas.org and signing up for ozone alerts.



Why Do Heat Waves Make Ozone Pollution So Much Worse?

Boy, is it hot? The gnarly heat wave we've been dealing with since last we...









OUR EXCELLENCE BEGINS WITH YOU!



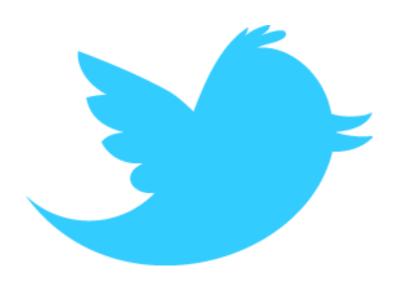
Dallas Police Department August 21 at 4:34 PM ⋅ August 21 at 4:34

Department Department Like Page

The Texas Commission on Environmental Quality (TCEQ) has issued an Ozone Action Day for the Dallas-Fort Worth area for tomorrow, August 22, 2018. Please monitor our Twitter page (@Dallas_Air) and AirNorthTexas.org for more information.



2 Comments 10 Shares





#AirNTX



AIR NORTH TEXAS NCTCOG CONTACTS



Kenny Bergstrom

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Mindy Mize

Program Manager (817) 608-2346 mmize@nctcog.org

Kimberlin To

Communications Coordinator (817) 608-2362 kto@nctcog.org

Whitney Vandiver

Communications Supervisor (817) 704-5639 wvandiver@nctcog.org

Air North Texas Coalition Web page:

https://www.nctcog.org/trans/about/committees/air-north-texas-coalition





Tuesday, January 9 - Public Meetings

Tuesday, January 16 Carrollton, Arlington, Fort Worth

Presentations: Work Program Modifications, Mobility 2045, North Texas SolSmart

Designations

Highlighted Information: AirCheckTexas Drive a Clean Machine Program

Friday, January 12 MLK Celebration Fair

MLK Jr. Recreation Center, Dallas, 11 am - 2 pm

AirCheckTexas Informational booth

Monday, January 22 - Liberty Mutual Transportation Fairs

Thursday, January 25 Plano, Irving, Richardson

Try Parking It Informational booth

Monday, February 5 - Public Meetings

Tuesday, February 13 Arlington, Haltom City, Richardson

Presentations: Work Program Modifications, Mobility 2045, Funding Program: Sustainable

Development, Access North Texas

Highlighted Information: AirCheckTexas Drive a Clean Machine Program, Modifications to

List of Funded Projects

Saturday, March 17 Chasing Leaks 5k

Trinity Park Pavilion, Fort Worth, 7:30 am - Noon

Air North Texas items distributed at event

Wednesday, March 21 2018 Aging Well Expo

Arlington Convention Center, 9 am - 2 pm

AirCheckTexas Informational booth

Saturday, March 24 Earth Party

Fort Worth Water Gardens, 11 am - 1 pm

Informational booth

Air North Texas, AirCheckTexas, DFW Clean Cities, Car Care Clinics, NCTCOG Active

Transportation Program, Try Parking It

Saturday, March 31 Hazardous Waste Event

Grapevine, 8 am - 11:30 am

Informational booth

Air North Texas, AirCheckTexas, Car Care Clinics, DFW Clean Cities

Tuesday, April 3 Earth Day Fest

Commons Courtyard, Brookhaven College, 11:30 am - 1:30 pm

Informational booth

Air North Texas, AirCheckTexas, DFW Clean Cities, Car Care Clinics, NCTCOG Active

Transportation Program, Try Parking It

Saturday, April 7 Car Care Clinic

Firestone Complete Auto Care, Plano, 10 am - 2 pm

Informational booth

Regional Smoking Vehicle Program

For additional information or for future outreach opportunities, please contact:

Carli Baylor, Communications Specialist cbaylor@nctcog.org | 817-608-2365 | 817-640-3028 (fax)





Saturday, April 7 Car Care Clinic

Advanced Auto Repair, Denton, 10 am - 2 pm

Informational booth

AirCheckTexas, Regional Smoking Vehicle Program

Monday, April 9 -Wednesday, April 11 **Public Meetings**

Garland, North Richland Hills, Arlington

Presentations: Mobility 2045, Work Program Modifications, 2019-2022 TIP, Air Quality

Update, Regional Bicycle Opinion Survey Results

Highlighted Information: AirCheckTexas Drive a Clean Machine Program, Clean Air Action

Day, April Car Care Clinics, Spring Outreach Events

Tuesday, April 10 Car Care Clinic

Christian Brothers Automotive, Grapevine, 2 - 4 pm

Informational booth

Regional Smoking Vehicle Program

Thursday, April 12 Car Care Clinic

Car Care Central, Plano, 10 am - 1 pm

Informational booth

AirCheckTexas, Regional Smoking Vehicle Program

Friday, April 13 UNT's University Day

Library Mall at UNT, Denton, 11 am - 1:00 pm

Informational booth

Air North Texas, AirCheckTexas, Car Care Clinics, DFW Clean Cities, Try Parking It, Look Out

Texans Safety Campaign

Saturday, April 14 Car Care Clinic

Rick & Ray's Auto Plaza Center, Fort Worth, 9 am - Noon

Informational booth

AirCheckTexas, Regional Smoking Vehicle Program

Saturday, April 14 Car Care Clinic

Road Masters Auto Service, Richardson, 10 am - 2 pm

Informational booth

AirCheckTexas, Regional Smoking Vehicle Program

Saturday, April 14 City of Plano's Great American Cleanup

Chase Oaks Church, 11 am - 1:30 pm

Informational booth

Air North Texas, AirCheckTexas, NCTCOG Active Transportation Program, Try Parking It

Saturday, April 14 City of Lewisville's ColorPalooza

Old Town Lewisville, 10 am - 5 pm

Informational booth

Air North Texas, AirCheckTexas, NCTCOG Active Transportation Program, Try Parking It

Saturday, April 14 Fix My Ride

Cross Timbers Church, Denton, 8 am - 4 pm

AirCheckTexas Informational booth

For additional information or for future outreach opportunities, please contact:

Carli Baylor, Communications Specialist

cbaylor@nctcog.org | 817-608-2365 | 817-640-3028 (fax)



Tuesday, April 17 Earth Day Event

UNT Health Science Center, Fort Worth, 11 am - 1 pm

Informational booth

Air North Texas, AirCheckTexas, DFW Clean Cities, Car Care Clinics, NCTCOG Active

Transportation Program, Try Parking It

Wednesday, April 18 UTA Celebrating People and Planet

UTA University Center, Arlington, 11 am - 1 pm

Informational booth

Air North Texas, AirCheckTexas, DFW Clean Cities, Car Care Clinics, NCTCOG Active

Transportation Program, Try Parking It

Wednesday, April 18 Earth Day Celebration: Student Event

DFW Airport's LiveWell Center, Dallas, 9:30 am - 1:30 pm

Informational booth

Air North Texas, NCTCOG Active Transportation Program, Aviation Education

Thursday, April 19 Earth Day Celebration: Employee Event

DFW Airport's LiveWell Center, Dallas, 11:00 am - 1:30 pm

Informational booth
AirCheckTexas, Try Parking It

Thursday, April 19 UT Dallas Earth Fair

Student Union Mall

Air North Texas and AirCheckTexas items distributed at event

Friday, April 20 - Earth X

Sunday, April 22 Fair Park, Dallas, 10:00 am - 6:00 pm

Informational booth

Air North Texas, AirCheckTexas, DFW Clean Cities, Car Care Clinics, NCTCOG Active

Transportation Program, Try Parking It

Saturday, April 21 Car Care Clinic

Kwik Kar Auto Service & Repair, Arlington, 10:30 am - 12:30 pm

Informational booth

AirCheckTexas, Regional Smoking Vehicle Program

Saturday, April 21 Car Care Clinic

Heller Automotive, Inc., Plano, 10 am - 2 pm

Informational booth

AirCheckTexas, Regional Smoking Vehicle Program

Saturday, April 21 Car Care Clinic

The Star Auto Service, Richardson, 9 - 11 am

Informational booth

Regional Smoking Vehicle Program

Saturday, April 21 Grapevine Earth Day Event

Downtown Gazebo

For additional information or for future outreach opportunities, please contact:

Carli Baylor, Communications Specialist cbaylor@nctcog.org | 817-608-2365 | 817-640-3028 (fax)





Air North Texas, AirCheckTexas and Car Care Clinic items distributed at

event

Tuesday, April 24 Car Care Clinic

Burdick Auto Solutions, McKinney, 10 am - 2 pm

Informational booth

AirCheckTexas, Regional Smoking Vehicle Program

Saturday, April 28 Car Care Clinic

Kinney's Automotive, Hurst, 10 am - 2 pm

Informational booth

AirCheckTexas, Regional Smoking Vehicle Program

Saturday, April 28 Car Care Clinic

Starkey Service Center, Dallas, 9 - 11 am

Informational booth

AirCheckTexas, Regional Smoking Vehicle Program

Thursday, April 26 Earth Day

Texas Woman's University, Denton, 10 am - 1 pmTry Parking It and Aviation Education Informational booth

Saturday, April 28 Irving's Annual Bicycle Fest

North Lake College Campus, 10 am - 2 pm Sustainable Development Informational booth

Thursday, May 3 6th Annual Senior Synergy Expo

Will Rogers Memorial Center, Fort Worth, 8:30 am - 1:30 pm

AirCheckTexas Informational booth

Tuesday, May 8 - Wednesday, May 16

Public Meetings

Fort Worth, Arlington, Richardson

Presentations: Mobility 2045, 2018 Transportation Conformity, Strategic Partners (Round 2),

School Projects Update

Highlighted Information: AirCheckTexas Drive a Clean Machine Program, Clean Air Action

Day

Saturday, May 19 Fort Worth ISD Summer Migration

Seaguest at Ridgmar Mall, Fort Worth, Noon - 5 pm

AirCheckTexas Informational booth

Thursday, June 14 Get Fit GP's Guys Night Out

Airhogs Ballpark, Grand Prairie, 7 - 9 pm

Informational booth

Air North Texas, Clean Air Action Day, AirCheckTexas, Try Parking It

Friday, June 22 Dallas Clean Air Action Day

City Hall Lobby
Informational booth

Air North Texas, Clean Air Action Day, AirCheckTexas, Try Parking It

For additional information or for future outreach opportunities, please contact:

Carli Baylor, Communications Specialist cbaylor@nctcog.org | 817-608-2365 | 817-640-3028 (fax)





Saturday, July 7 Congressman Burgess Energy Summit

UNT's Discovery Park, Denton, 8 am - Noon

Informational booth

DFW Clean Cities, Electric Vehicles North Texas, Regional Smoking Vehicle Program,

AirCheckTexas

State Farm Safety Fair Wednesday, July 18

Dallas, 10 am - 4 pm

Informational booth

Sustainable development, Try Parking It

Friday, August 3 Dallas Mayor's Back-to-School Fair

Fair Park, Dallas, 8 am - 2 pm

Sustainable Development Informational booth

Thursday, August 9 Tarrant County Back-to-School Roundup

Will Rogers Memorial Center, Fort Worth, 8 am - 2 pm

Sustainable Development Informational booth

Saturday, August 11 **Hope Hall Charities Annual Back-to-School Event**

Grand Prairie

Air North Texas and AirCheckTexas items distributed at event

Saturday, August 11 **GCISD Back-to-School Event**

Grapevine High School, 9 am - Noon

Informational booth

Air North Texas, AirCheckTexas

Saturday, August 11 **Denton Back-to-School Fair**

Denton Bible Church, 8 am - 3 pm

AirCheckTexas Informational booth

Thursday, August 23 -

Great American Trucking Show (GATS) Saturday, August 25 Dallas, Noon - 5 pm

Informational booth

DFW Clean Cities, SMARTE, Freight North Texas

Warbirds on Parade Saturday, September 1

Lancaster Airport, 10 am - 4 pm

Aviation Informational booth

Tuesday, September 4 iWork2018 Youth Career Exploration

> White Settlement, 9 am - 3 pm Aviation Informational booth

Saturday, September 8 National Drive Electric Week

Grapevine Mills Mall, Grapevine, 10 am - 1 pm

Event organizer/Informational booths

Electric Vehicles North Texas, DFW Clean Cities, AirCheckTexas

For additional information or for future outreach opportunities, please contact:

Carli Baylor, Communications Specialist cbaylor@nctcog.org | 817-608-2365 | 817-640-3028 (fax)





Tinkers & Thinkers Saturday, September 8

Joe Farmer Recreation Center, Allen, 11 am - 1 pm

Aviation Informational booth

Friday, September 21 2nd Annual Industry Discovery Expo

AT&T Stadium, Arlington, 10 am - 2 pm

Aviation Informational booth

Saturday, September 22 Trinity River Kite Festival

> Dallas, 11 am - 5 pm Informational booth

Air North Texas, AirCheckTexas, Aviation Education, Sustainable Development

Tuesday, September 25 -Friday, September 28

2018 Collegiate Aviation Conference & Expo

Dallas

Aviation Informational booth

Thursday, September 27 **Taste of Grand Prairie**

Traders Village, 4 - 8:30 pm

AirCheckTexas Informational booth

Saturday, October 6 Fix My Ride

Cross Timbers, Argyle

AirCheckTexas Informational booth

Saturday, October 13 **Peterbilt Environmental Fair**

> Denton, 11 am - 2 pm Informational booth

Air North Texas, DFW Clean Cities, Electric Vehicles North Texas, SMARTE, Regional

Smoking Vehicle Program

Saturday, October 13 &

Sunday, October 14 **Fort Worth**

Aviation Informational booth

Wednesday, October 24 2018 Health Hustle

Allen Event Center, 4:30 - 8:30 pm

Bell Fort Worth Alliance Air Show

Sustainable Development Informational booth

Friday, October 26 -Wings Over Dallas

Dallas Executive Airport, Dallas Sunday, October 28

Aviation Informational booth