

Air North Texas Coalition
Thursday, January 18, 2024
1:30 – 3:00 pm

Agenda

1. Introductions Kimberlin To, NCTCOG
2. Overview
 - a. November 30 Meeting Kimberlin To
3. Discussion
 - a. City of Grand Prairie Presentation..... Cindy Mendez, Grand Prairie
 - b. Air Quality Update Jenny Narvaez, NCTCOG
 - c. Administrative Announcements/Reminders Kimberlin To
 - i. Outreach Items
 - ii. Clean Air Corner
 - d. Website Quantification/Social Media Report Alissa Soto, NCTCOG
 - e. Event Reminders Jackie Castillo, NCTCOG
4. Other/Member Updates Kimberlin To
5. Additional Items Kimberlin To
 - a. **Next Meeting Information:**
Thursday, March 21
Conference Call: 1 903-508-4574
Phone Conference ID: 457 153 617#





Air
North Texas



Partnership Update

January 18, 2024

Goals

Fulfill Mission

Public Health & Environmental Quality advocates and ensures responsible health and environmental practices for the protection of human health and environmental health through monitoring, oversight, and education.

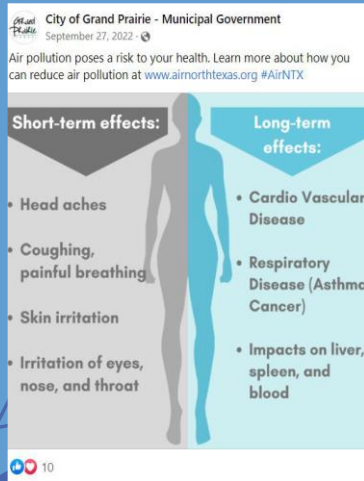
Promote ANT Incorporate Messaging

Social Media
Billboards
Vehicle Wraps
Promotional Items
Education Events
Clean Air Challenge
Clean Air Action Day

City Website
Pipeline Newsletter
Newsletters
Environmental Education

01 Social Media

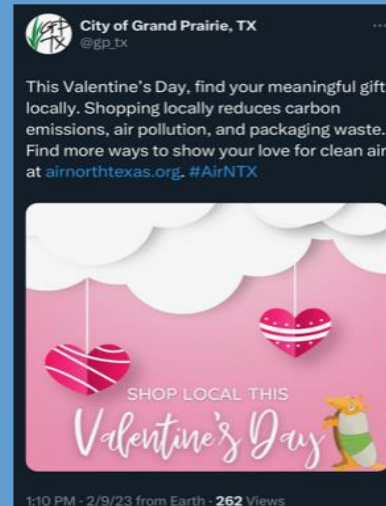
- ❖ In 2023, the city posted 38 social media messages
- ❖ Posts among the platforms reached over 25,000 viewers.



Facebook



Facebook



Twitter



Instagram

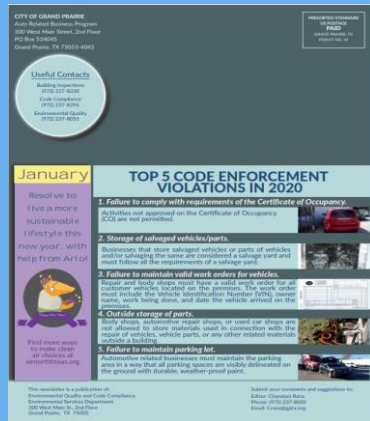
02

Advertising Content

❖ PHEQ published seven different newsletters with air-related articles that represented Air North Texas.



Wee Care- 200 mailed to childcare businesses



Auto Watch- 600 mailed to automotive businesses



H2O Line- 100 mailed and 400 sent via Constant Contact



Food for Thought- 500 English, 200 Spanish, and 77 sent via Constant Contact

03 Advertising Content

- ❖ Four clean air-related articles were published in the Pipeline Direct newsletter.

- ❖ 44,00 publications were sent out to residents each time and posted on website.

- ❖ Four Get Fit newsletters with Air North Texas-related events.

- ❖ Reached more than 14,000 subscribers each month.

UPTOWN THEATER

Enjoy spectacular shows at Grand Prairie's Uptown Theater, 120 E. Main St. For tickets and information, call 972-237-8786 or visit uptowntheater.com.

Fraser Jr.
Presented by the Grand Prairie Arts Council
July 28-29
Children from the Grand Prairie Arts Council theater camp will perform this enchanting, modern Disney classic. The show features all of the memorable songs from the animated film, plus five new songs written for the Broadway production.

LIBRARY SUMMER READING CLUB

June 3 - August 31
Main Library, 901 Conover Dr.
Wormack Library, 760 Bardin Rd.
Shotwell Library, 2750 Graham St.

- Fun, free activities and audiobooks to earn prizes
- Read books and audiobooks to earn prizes
- Participate in free activities

LIBRARY SUMMER ACTIVITIES FOR CHILDREN

All Abilities Program
Select Thursdays at 4 p.m. beginning July 13 • Main Library, 901 Conover Dr.
For children with disabilities and their caregivers. DIV sensory play activities, stories, crafts and songs. Email Ashley at aweyche@lpgs.org to register.

Roller Derby Storytime
Saturday, July 15 at 2 p.m. • Wormack Library, 760 Bardin Rd.
The Dallas Derby Devils will tell us about roller derby and show off skating. Please come in your regular shoes, and leave the skating to the professionals.

Wildlife on the Move, Wednesday, July 19 at 6:30 p.m.
Wormack Library, 760 Bardin Rd.
Do you like snakes, lizards or hissing cockroaches? Meet and learn about a variety of cool reptiles and creatures from all over the world.

Dallas Zoo: Animal Adventures
Friday, August 9 from 11-11:30 a.m. and 11:45-12:15 p.m.
Main Library, 901 Conover Dr.
This program will feature six to eight animals including a variety of birds, mammals and reptiles. Email Jennifer at jennifer@lpgs.org to register beginning July 10. You may register your family for one program time only.

CULINARY SUMMER CAMP

The Epic, 2900 Epic Pl. • 9:30 a.m.-1:30 p.m.

- Culinary 101: July 10-14
- World Flavors: July 17-21
- Creating Your Own Menu: July 24-28

Ages 12-15. Let your student gain confidence in the kitchen through this comprehensive course! Each week is designed to build on one another but can be enjoyed in one-week blocks. Limited spots available. For more information and to register, visit JoinTheEpic.com/culinary-arts.

LIBRARY BOOK SALE

Main Library, 901 Conover Dr.
Visit the Friends of the Library Clearance Sale July 13 - 15. Find great books for only .25 apiece!
Thurs. July 13, 10 a.m. - 5 p.m.
Fri. July 14, 9 a.m. - 5 p.m.
Sat. July 15, 10 a.m. - 4 p.m.

CLEAN PRAIRIE

The Clean Prairie initiative is a partnership and continued commitment between city leadership, residents, and business owners to ensure community cleanliness and cleanliness is always valued as a top priority in the City of Grand Prairie.

What you can do to participate at home:

- Maintain landscaping and keep grass cut
- Keep your property litter free and free of clutter
- Maintain fencing and exterior

To learn more about the Clean Prairie initiative, please visit gpcity.org/cleanprairie.

SIGN UP FOR OZONE ALERTS

Air North Texas, a regional public awareness campaign and partnership that works to improve air quality in North Texas, sends out pollutant-specific air pollution alerts when pollutant levels in ozone cause air quality to reach the unhealthy range.

Want to sign up for free today?

- Visit the Air North Texas website or scan the QR code below
- Click on "Sign up for Air Pollution Alerts"
- Fill out the form

gpcity.org YouTube.com/cityofgpcity [Facebook.com/cityofgpcity](https://www.facebook.com/cityofgpcity) [Twitter@gpcity](https://twitter.com/gpcity) [Instagram/cityofgpcity](https://www.instagram.com/cityofgpcity)

Back by Popular Demand

MAYOR'S COMMUNITY 5K
FREE Event
Get Fit GP

Mayor's Community 5K

Saturday, April 1
9 a.m. - 12 p.m.
Farmer Market | 120 W. Main St.

Join Mayor Ron Jensen as he kicks off the Cyclin' with the Mayor series with a community 5K. Participants may walk, stroll, or run.

Kids may enjoy FREE face painting, games, and a meet and greet with Spiderman, Wonder Woman, and Superman.

Free t-shirts will be available while supplies last.

EARTH DAY CELEBRATION
SATURDAY, APRIL 15
10 A.M. - 2 P.M.
KIRBY CREEK NATURE CENTER
3303 CORN VALLEY RD.

FREE EVENT

Earth Day Celebration

Saturday, April 15
10 a.m.-2 p.m.
Kirby Creek Nature Center
3303 Corn Valley Rd.

Join us as we celebrate Earth with a day full of family friendly-activities and a FREE tree giveaway!

Kids can enjoy animal encounters, education, games, crafts, and more.

Trees will be available on a first come, first serve basis while supplies last.

gpcity.org YouTube.com/cityofgpcity [Facebook.com/cityofgpcity](https://www.facebook.com/cityofgpcity) [Twitter@gpcity](https://twitter.com/gpcity) [Instagram/cityofgpcity](https://www.instagram.com/cityofgpcity)

04 Advertising Content



Four digital “Do your Part” billboards were displayed from July 4, 2022 – July 31, 2022, with ~2.8M impressions.



Five digital “2 Things To Avoid This Summer” billboards were displayed from July 3, 2023 - July 30, 2023 with an estimated 4.1M impressions.

05 Advertising Content



06 Advertising Content



- Education Events



- 2022 -2023 Themed Outreach



- 3 Electric Vehicles

07 Clean Air Action Day

- For Residents



❖ Ran a social media campaign for residents the month leading up to Clean Air Action Day.



- City Website Banner – Main Page

08 Clean Air Action Day

For Staff



❖ The PHEQ department hosted a Clean Air Action Day celebration.

09 Clean Air Action Day

For City Employees

Upcoming Events

Thursday, June 1
Music on Main
Free concert series
6:30-8 p.m.
Farmers Market, 120 W. Main St.

Weekly Friday-Sunday
Thoroughbred Horse Racing
Lone Star Park
1000 Lone Star Parkway
[Tickets and Information](#)

Saturdays
Farmers Market
8 a.m.-1 p.m.
120 W. Main St.
[GrandFunGP.com](#)

Saturday, June 3
Crawfish Boil
10 a.m.-1 p.m.
Live music, local vendors, games and crawfish
Farmers Market
120 W. Main St.
[GrandFunGP.com](#)

Saturdays
Farmers Market
8 a.m.-1 p.m.
Farmers Market, 120 W. Main St.

Saturday, June 3
Summer Reading Kick Off Party
Face painting, photos with favorite characters, crafts and activities
10 a.m.-noon
Main Library, 901 Conover Dr.

Take the Clean Air Action Day Pledge
Participate in Clean Air Action Day by doing at least one thing to help improve air quality now until June 2, 2023. Take this survey for a chance to win a QT gift card!

Radial Cafe
Visit the Radial Cafe at Grand Prairie Municipal Airport, 3116 S. Great Southwest Parkway for breakfast and lunch. Enjoy great views of aircraft operations on the runway and ramp while you eat. Menu items include American and Mexican food including pancakes, eggs to order, omelets, breakfast burritos, burgers, sandwiches, salads and desserts. Hours are Monday-Saturday, 8 a.m.-3 p.m.

New Photo Spot
Enjoy a great new Photo Opp! Newly installed heART Art at PlayGrand Adventures, 2100 Epic Place. Art by Jodi Pope. Facing Epic Place on exterior of fence surrounding the park.

New Development



231 pledges



10

Clean Air Industry Challenge

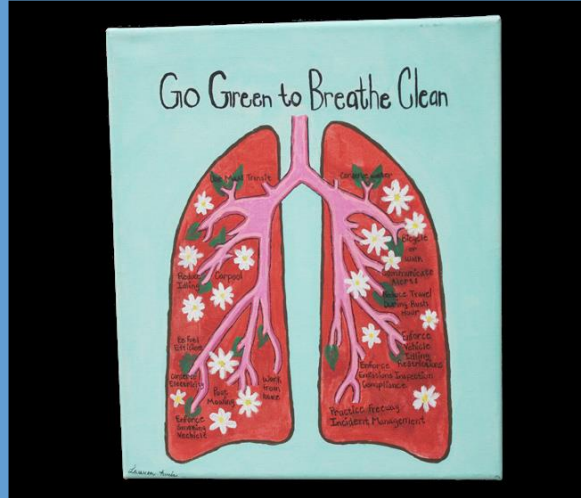


❖ On November 9, 2022, the Environmental Awards Luncheon held on recognized two industries for their outstanding commitment to clean air.

❖ 11 industries participated and yielded a total of 200 pledges.

11

Art Contest



Love is in the AIR

Art Contest

Submission deadline:
March 17

About

Get Fit GP invites you to show your love for clean air by creatively expressing ways we can reduce air pollution and improve our health. Contest is open to all ages. All forms of art are accepted.

Prizes

FOR EACH CATEGORY

- 1st Place \$75 gift card
- 2nd Place \$50 gift card
- 3rd Place \$25 gift card

GRAND PRIZE WINNER

Will receive a Fujifilm Instax with film!



Categories

- Elementary
- Middle/ High School
- Adults 18-54
- Adults 55+

Deadline

Friday, March 17 at 5 p.m.

More Information

If you have any questions please call the Public Health and Environmental Quality Department at (972) 237-8055 or visit us online at www.gp.tx.gov/getfitgpcontest. Winning artwork will be posted on the Get Fit GP website and will be displayed at the Main library.



Rules

- Contestant needs to reside, work, or attend school in the City of Grand Prairie.
- Submissions can be dropped off at the Public Health and Environmental Quality Department located at 300 W. Main St., 2nd floor, Grand Prairie Tx. 75050 or via email at bsegovia@gp.tx.gov.
- Project may be in the form of your choice (e.g. poster, photo, video, poem, model, Snapchat, etc.) and should represent ways we can reduce air pollution and improve our health.
- Videos may be no longer than 30 seconds.
- Photographs and Snapchat art must be 1) digital 2) less than 2MB 3) taken in Grand Prairie 4) show location and date taken 5) submitted digitally only to bsegovia@gp.tx.gov.
- This form must be completed and attached to the art if not submitted via email.
- Submissions are judge based on artistic creativity and message content.

*** By entering this contest, the contestant agrees to give the City of Grand Prairie permission to use submittals in future publications and displays.

Artist name _____ Email or phone number _____

Title of project _____

Age _____ If in school, grade _____ School name _____

If in school, please provide your teachers name, phone, and email _____

12 Promotions



13

Community Engagement



Attended and hosted a total of 17 community events with 3,638 total participants.



Thank You!



Current Air Quality Status

**Air North Texas Coalition
January 2024**

Jenny Narvaez



Emission Monitoring

National Ambient Air Quality Standards (Criteria Pollutants)

	<u>Attainment</u>	<u>Nonattainment</u>
Ozone		
Lead		
Carbon Monoxide		
Nitrogen Dioxide		
Particulate Matter		
Sulfur Dioxide		Partial Nonattainment In Navarro County Due to Aggregate Plant

Monitoring and Increased Regulations

Greenhouse Gas Emissions (i.e., Carbon Dioxide)



Current and Proposed PM Standards

PM_{2.5} Primary Annual Standard

- Current: 12.0 $\mu\text{g}/\text{m}^3$ – annual mean, averaged over 3 years
- Clean Air Scientific Advisory Committee (CASAC) Recommendation: 8-10 $\mu\text{g}/\text{m}^3$
- EPA Proposal: 9-10 $\mu\text{g}/\text{m}^3$

PM_{2.5} 24-hour Standard

- Current: 35 $\mu\text{g}/\text{m}^3$ – 98th percentile, averaged over 3 years
- CASAC Recommendation: 25-30 $\mu\text{g}/\text{m}^3$
- EPA Proposal: Retain standard but soliciting comments on lowering

PM₁₀ 24-hour Standard

- Current: 150 $\mu\text{g}/\text{m}^3$ – 98th percentile, averaged over 3 years
- CASAC Recommendation: Retain Standard
- EPA Proposal: Retain Standard



Current PM Standards

Annual Design Values

● No Data available

● PM 2.5 DV < 8.9

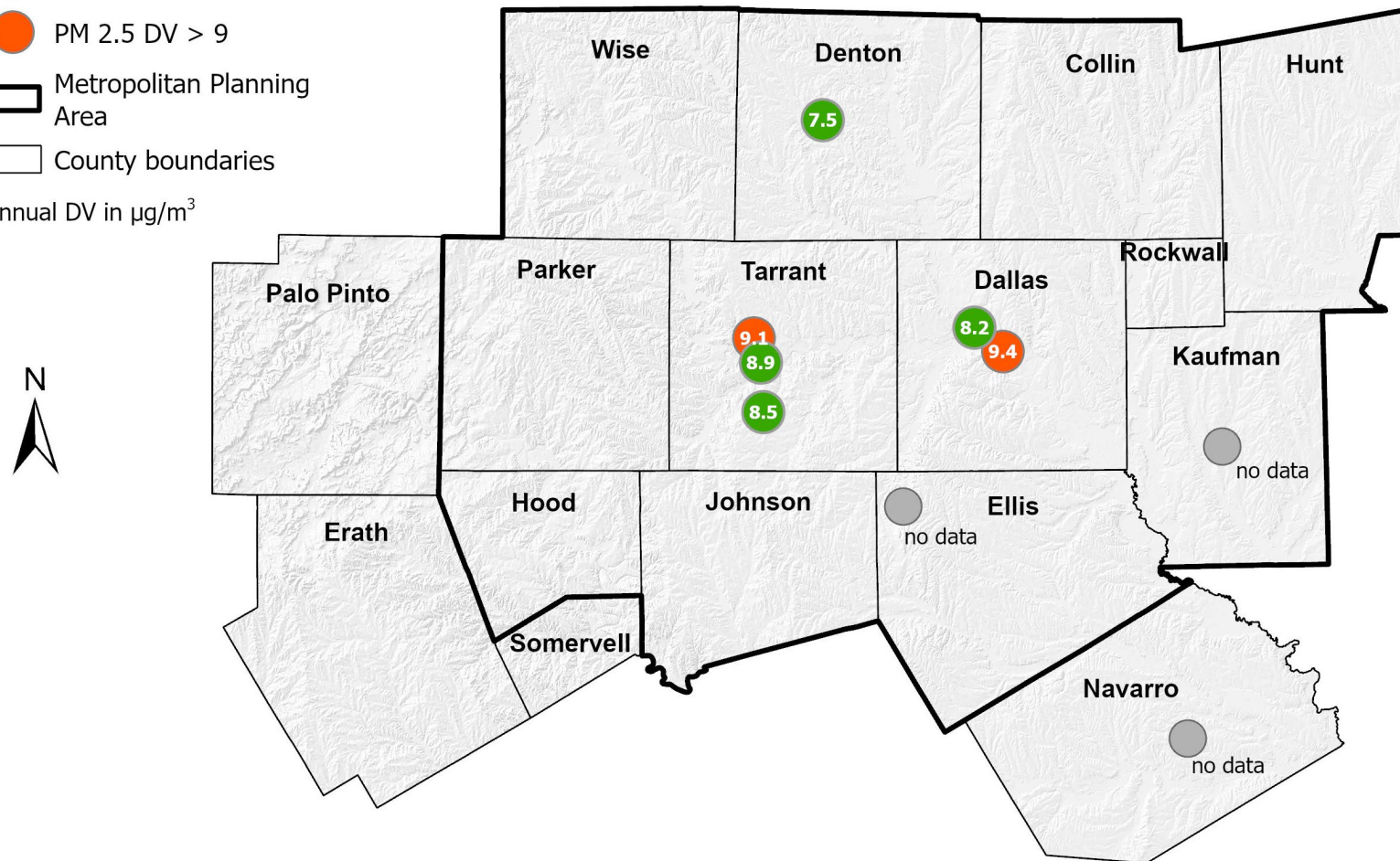
● PM 2.5 DV > 9

▭ Metropolitan Planning Area

▭ County boundaries

Annual DV in $\mu\text{g}/\text{m}^3$

EPA recognized PM 2.5 Monitors in the DFW Region 2020 - 2022



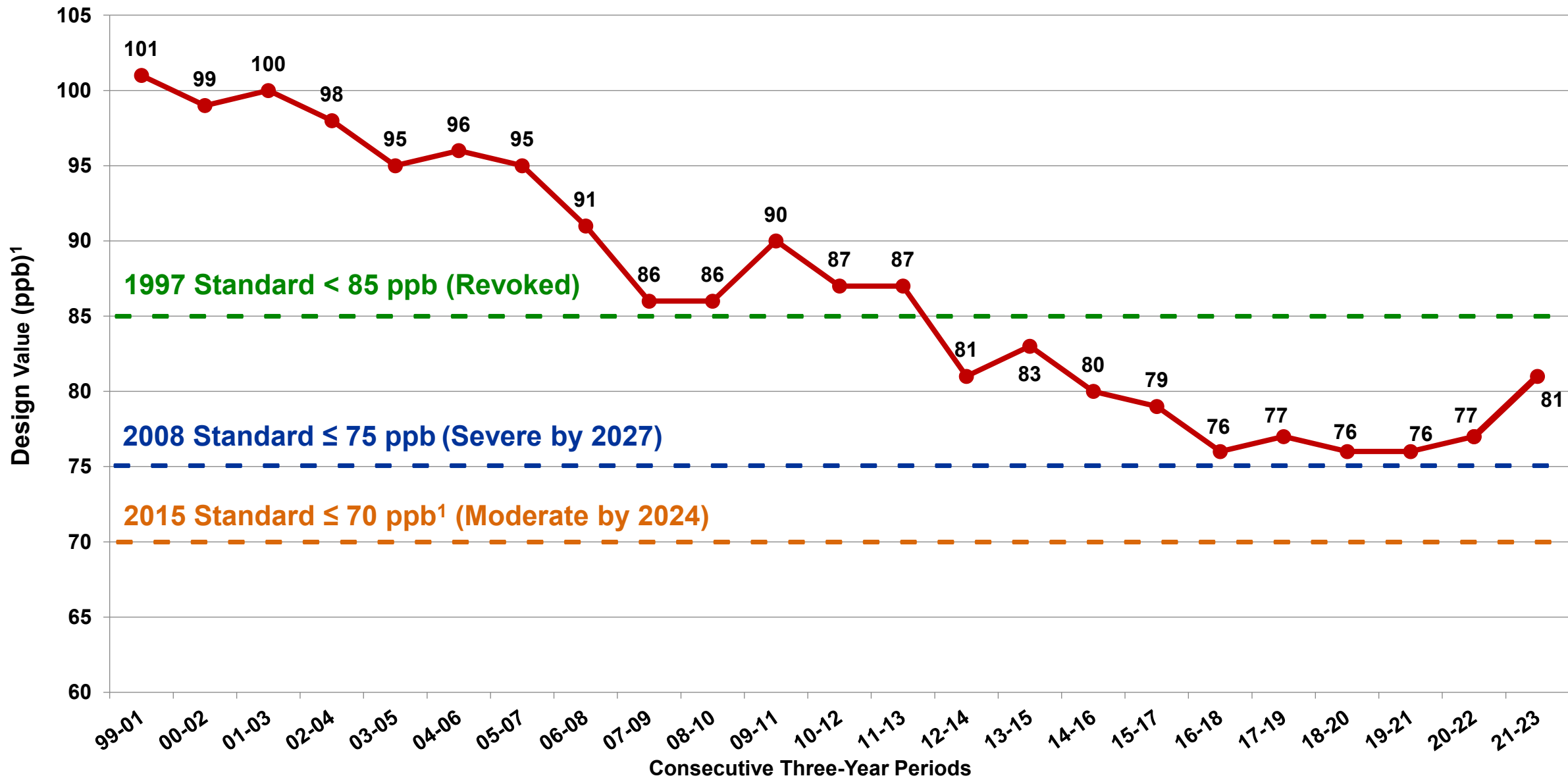
North Central Texas
Council of Governments

0 10 20 40 60 80 Miles

January 2024

Source: EPA (<https://www.epa.gov/air-trends/air-quality-design-values#report>)

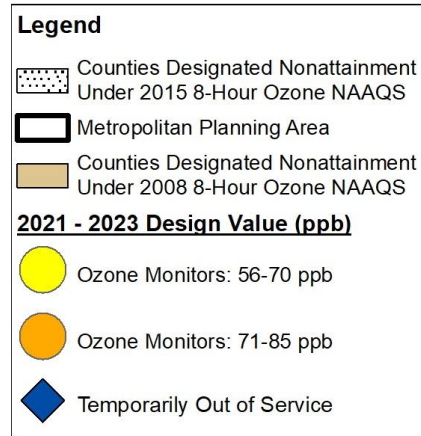
2023 Ozone Design Value Trends – Preliminary



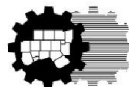
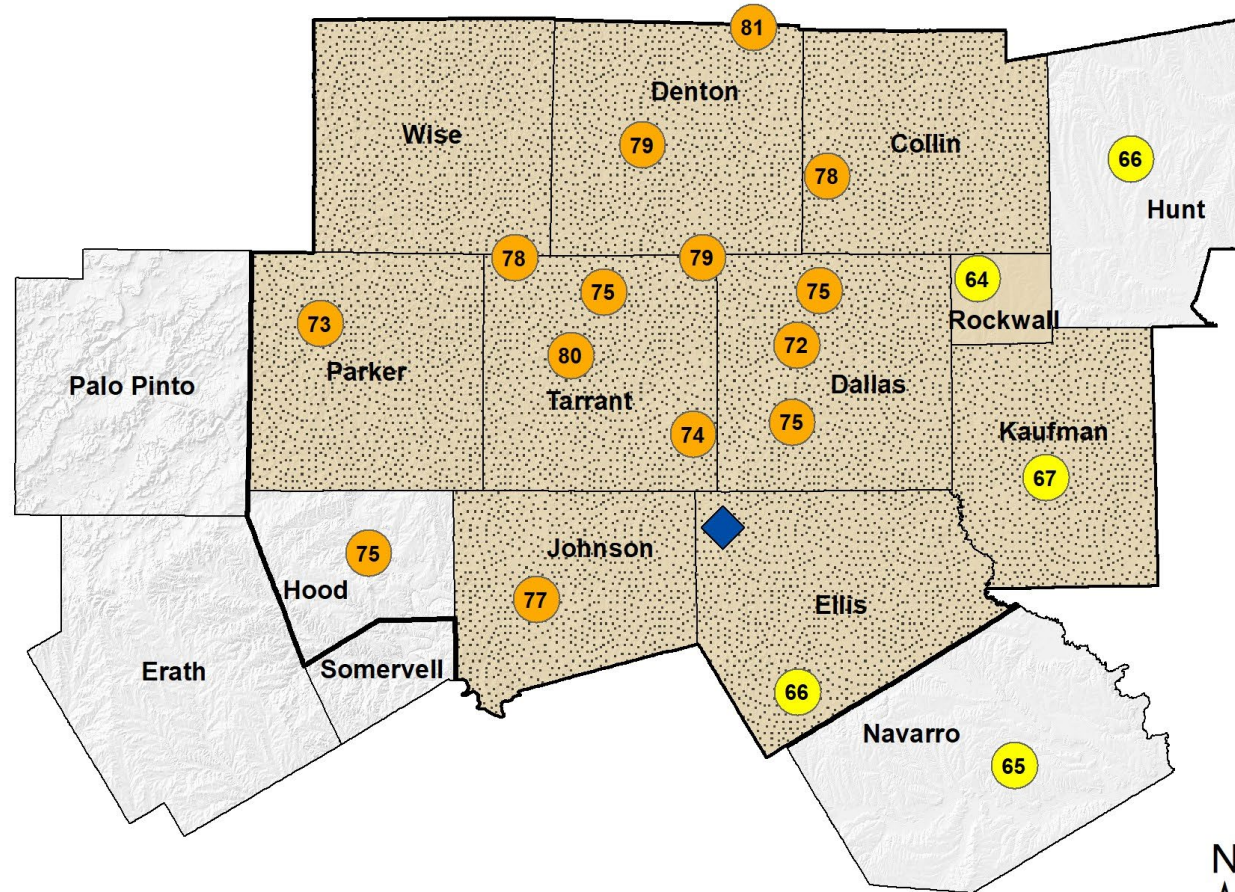
¹Attainment Goal - According to the US Environmental Protection Agency (EPA) National Ambient Air Quality Standards, attainment is reached when, at each monitor, the *Design Value* (three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentration) is equal to or less than 70 parts per billion (ppb).

Monitor Locations with Associated Fourth Highest Value

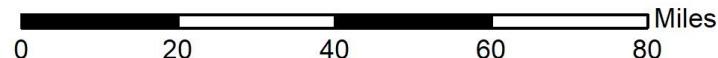
2023 Ozone Season



Colors represent Air Quality Index Breakpoints



North Central Texas
Council of Governments



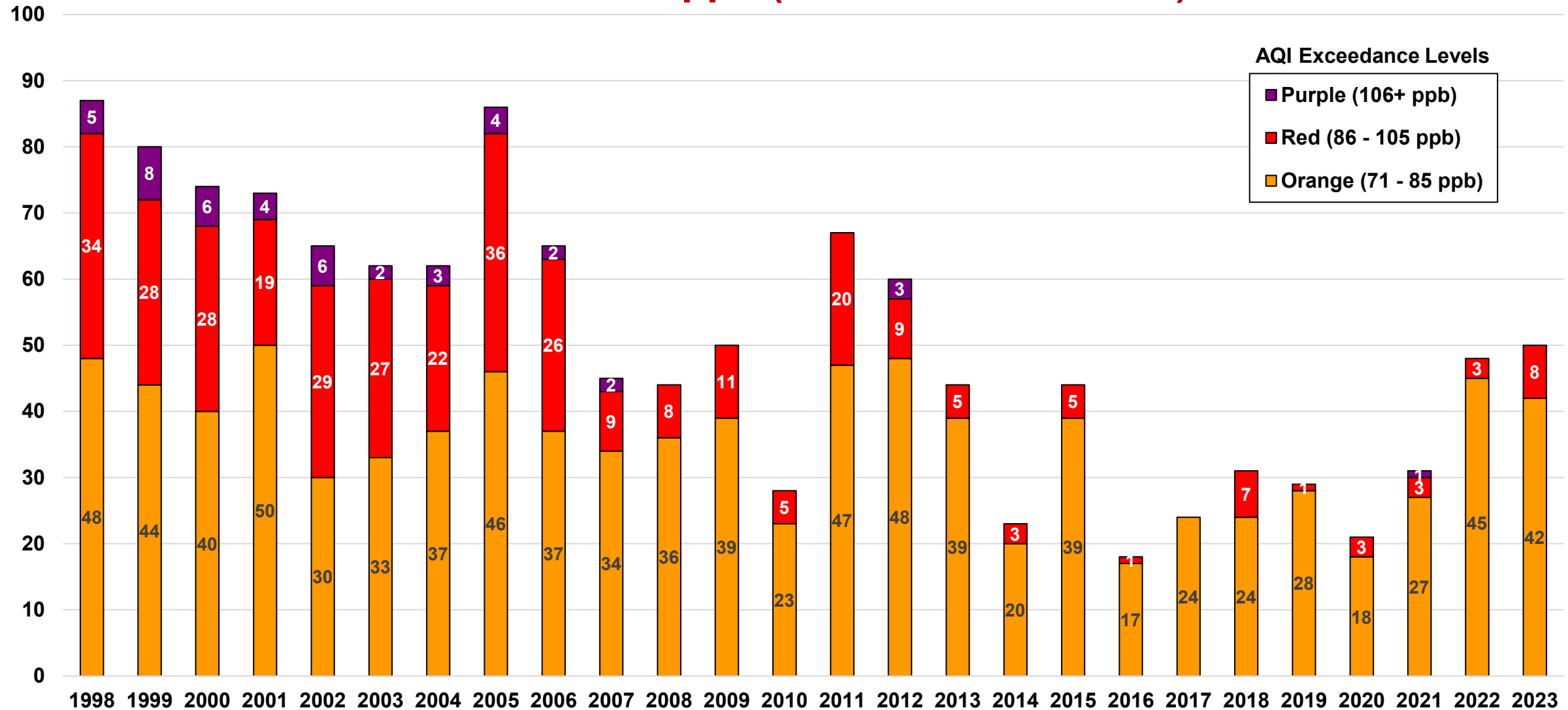
November 2023

Prevailing Wind
Direction During
Summer Ozone
Season



8-Hour Ozone National Ambient Air Quality Standards - Exceedance Trends

Based on ≤ 70 ppb (2023 Ozone Season)



Exceedance Level indicates daily maximum eight-hour average ozone concentration.
Exceedance Levels are based on Air Quality Index (AQI) thresholds established by the EPA for the revised ozone standard of 70 ppb.

Source: TCEQ, http://www.tceq.state.tx.us/cgi-bin/compliance/monops/8hr_monthly.pl
ppb = parts per billion NAAQS = National Ambient Air Quality Standards

Monitor vs. Model – 2015 Ozone Standard (≤ 70 ppb)

Top Monitors	4 th Highest Value for Season			Ozone Season Monitor Value -2023	State Air Quality Plan Model Value -2023
	2021	2022	2023		
Pilot Point	85	77	81	81	71
Fort Worth Northwest	76	80	84	80	70
Grapevine Fairway	75	78	84	79	72
Denton Airport South	81	78	78	79	70
Frisco	81	73	82	78	73
Eagle Mountain	76	77	81	78	72
Cleburne Airport	75	82	75	77	72
Keller	74	72	80	75	71
Dallas Executive	70	77	79	75	68

Timeline and Milestones – 2015 Ozone Standard

2015 Ozone Standard (≤ 70 ppb)

Attainment Date:
No later than **August 3, 2024**

*Attainment will be based on
2021-2023 Ozone Monitor Data*

Preliminary Ozone Season Monitor
Value = 81ppb

Governor submitted voluntary
reclassification to EPA (10-12-2023)

TCEQ indicated assistance need for
emission reduction strategies
Industry Outreach Meeting 01.19.2024

EPA Ozone Classifications

Date

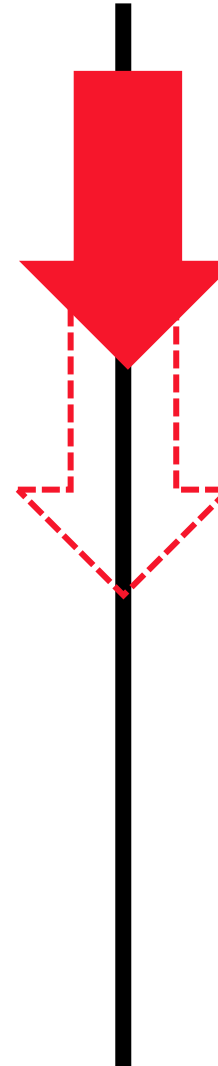
Marginal
(3 years to attain) 2021

Moderate
(6 years to attain) 2024

Serious
(9 years to attain) 2027

Severe
(15/17 years to attain)

Extreme
(20 years to attain)



Monitor vs. Model – 2008 Ozone Standard (≤ 75 ppb)

Top Monitors	4 th Highest Value for Season			Ozone Season Monitor Value -2023	State Air Quality Plan Model Value -2026
	2021	2022	2023		
Pilot Point	85	77	81	81	70
Fort Worth Northwest	76	80	84	80	69
Grapevine Fairway	75	78	84	79	71
Denton Airport South	81	78	78	79	69
Frisco	81	73	82	78	72
Eagle Mountain	76	77	81	78	71
Cleburne Airport	75	82	75	77	71
Keller	74	72	80	75	70
Dallas Executive	70	77	79	75	66

Timeline and Milestones – 2008 Ozone Standard

<u>2008 Ozone Standard (≤ 75ppb)</u>	<u>EPA Ozone Classifications</u>	<u>Attainment Date</u>
Attainment Date: No later than July 20, 2027	Marginal (3 years to attain)	---
<i>Attainment will be based on 2024-2026 Ozone Monitor Data</i>	Moderate (6 years to attain)	2018
Severe designation = Section 185 fees if unable to reach attainment	Serious (9 years to attain)	2021
TCEQ State Implementation Plan Hearing = January 11, 2024	 Severe (15/17 years to attain)	2027
TCEQ State Implementation Plan Comments End January 16, 2024	Extreme (20 years to attain)	



(Future) Major Source Fees for Failure to Attain

“Section 185” Fee Program For Major Stationary Sources Of NO_x And VOC
Clean Air Act Requirement Due To Reclassification From “Serious” To “Severe”
Plan Under Development By TCEQ To Propose To EPA
Attainment Required By End Of 2026 To Meet Severe Attainment Date
Design Value Based On 2024-2026 Regional Monitor Data

If Unable To Reach Attainment

Per Ton Penalty Fee As Soon As 2028

Fees Collected Annually Until Attainment Of 2008 Ozone Standard

Implemented By TCEQ

Sources Such As Power Plants And Cement Plants Particularly Implicated

Anticipated Fee For DFW ~ \$45 Million



Air Quality Path Forward

Ongoing Investigation of:

Diesel Tampering

Inspection Fraud

Vehicle Miles Traveled

Vehicle Idling

Low Speeds

High-Emitting Vehicles and Equipment

Fuel Use

Hard Accelerations

Cold Starts

Emissions Photochemical Modeling

State and National Transport

Weather & Meteorology Impacts

Coal Power Plants

Politics

Energy Consumption



For More Information

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AIR NORTH TEXAS

Campaign Bi-monthly Quantification & Social Media Report

Air North Texas Coalition | January 18, 2023

Air North Texas Web Analytics

Visits

751

New Visits

743

Avg. Time

04:05



Visits by Device



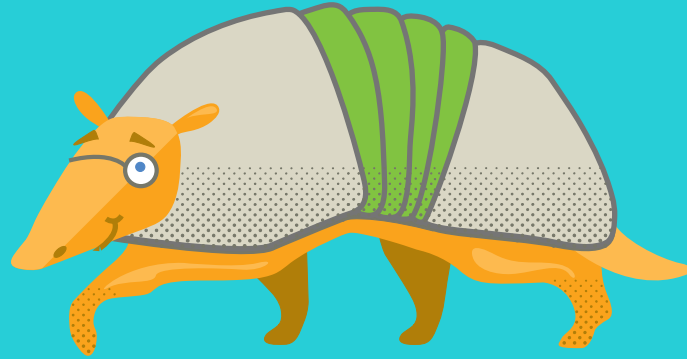
187



7

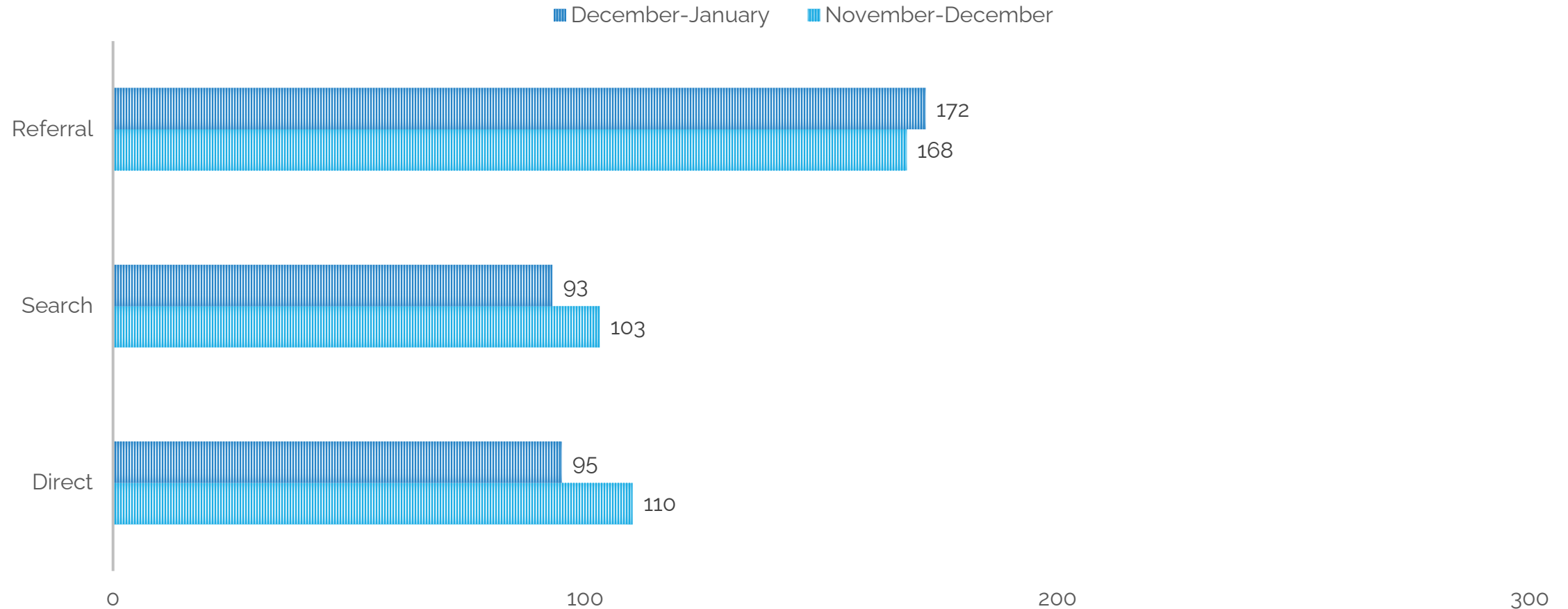


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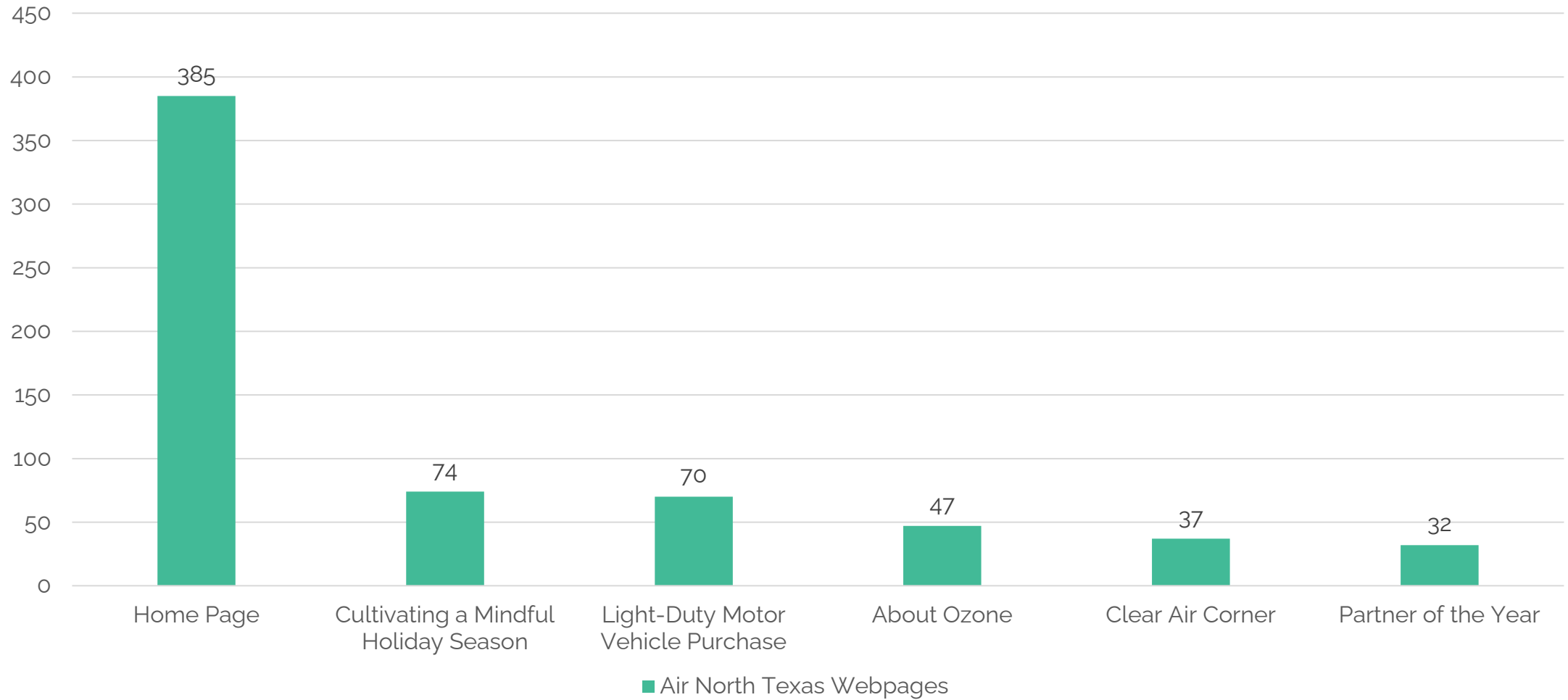


ANTx ANALYTICS

How Visitors Found Air North Texas



Top Pages Viewed





AIR NORTH TEXAS
PARTNERS



City of Grand Prairie - Municipal Government

@cityofgptx · Government Building



City of Grand Prairie, TX @gp_tx · Jan 11

Happy New Year from Arlo! Remember to add a sustainable resolution to your list of goals this year! [#AirNTX](#)

Visit ow.ly/ulPy50Qqax3 to learn more on how to be sustainable.



City of Grand Prairie, TX @gp_tx · Dec 23, 2023

Using less energy reduces emissions and air pollution. This holiday, use less energy and resources by limiting lighting with light timers. 🌲💡

Learn more about protecting air quality during all seasons at ow.ly/2YCc50QJtq [#AirNTX](#)





City of Grand Prairie - Municipal Government

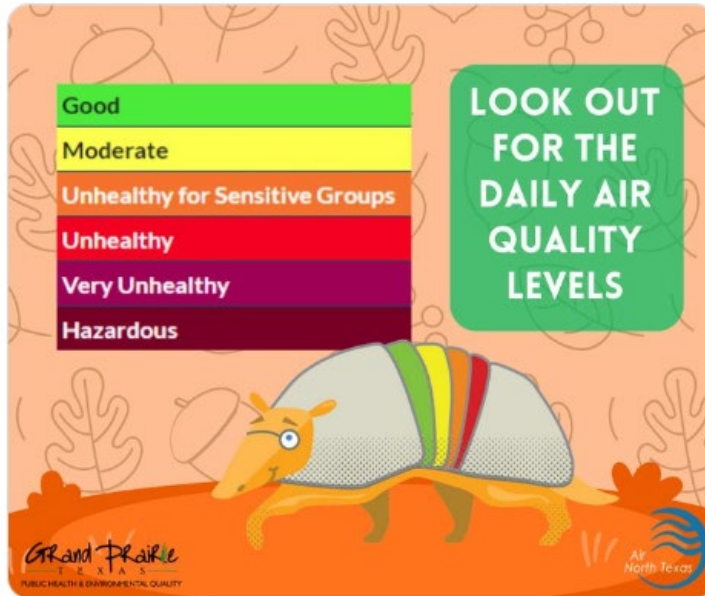
@cityofgptx · Government Building



City of Grand Prairie, TX @gp_tx · Nov 15, 2023

Look out for Arlo, the Airmadillo! His shell will change color based on the Air Quality Index. #AirNTX

Learn about the Air Quality Index (AQI) to receive greater awareness of the level of pollution and its effects on health by visiting ow.ly/LNBH50Q3F19.



City of Grand Prairie, TX @gp_tx · Dec 17, 2023

Last minute Christmas shopping? Remember to bring your reusable bag like Arlo! During the holiday season, over 1 million tons of trash go into landfills each week. #AirNTX





City of Grand Prairie - Municipal Government

@cityofgptx · Government Building



City of Grand Prairie - Municipal Government

December 23, 2023 at 8:40 PM · 🌐

Using less energy reduces emissions and air pollution. This holiday, use less energy and resources by limiting lighting with light timers. 🌱💡

Learn more about protecting air quality during all seasons at <https://ow.ly/osCe50QJ5N>. #AirNTX



City of Grand Prairie - Municipal Government

January 11 at 6:01 PM · 🌐

Happy New Year from Arlo! Remember to add a sustainable resolution to your list of goals this year! #AirNTX

Visit <https://ow.ly/ulPy50Qqax3> to learn more on how to be sustainable.



City of Grand Prairie - Municipal Government

December 17, 2023 at 8:15 PM · 🌐

Last minute Christmas shopping? Remember to bring your reusable bag like Arlo! During the holiday season, over 1 million tons of trash go into landfills each week. #AirNTX





City of Denton Sustainability

2.8K followers • 47 following



City of Denton Sustainability

November 25, 2023 · 🌐

Fall is finally here and with that comes cooler weather, falling leaves, and a great time to learn more about how using active transportation can benefit air quality! 🍁

Instead of driving a vehicle, take a walk or bike ride to work and school! 🚶 🚲

#SustainableFall #ActiveTransportation #AirNTX



ANTx NCTCOG CONTACTS

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Air North Texas Coalition Web Page:

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

