

**Air North Texas Coalition**  
**Thursday, January 20, 2022**  
**1:30 – 3:00 pm**

**Agenda**

1. Introductions ..... Kimberlin To, NCTCOG
2. Overview
  - a. November 18 Meeting ..... Kimberlin To
3. Discussion
  - a. Air Quality Update ..... Nick Van Hassen, NCTCOG
  - b. Administrative Announcements/Reminders ..... Kimberlin To
    - i. Clean Air Corner
    - ii. Outreach Items
  - c. Local Government Energy Reporting ..... Dorothy Gilliam, NCTCOG
  - d. Website Quantification/Social Media Report ..... Kenny Bergstrom, NCTCOG
4. Other/Member Updates ..... Kimberlin To
5. Additional Items ..... Kimberlin To
  - a. **Next Meeting Information:**  
Thursday, March 17, 1:30 PM  
Call in number: 1-903-508-4574  
Conference ID: 621 586 034#



# End of 2021 Ozone Season: Compliance with Federal Requirements and Future Outlook

Air North Texas Coalition

January 20, 2022  
Nick Van Haasen



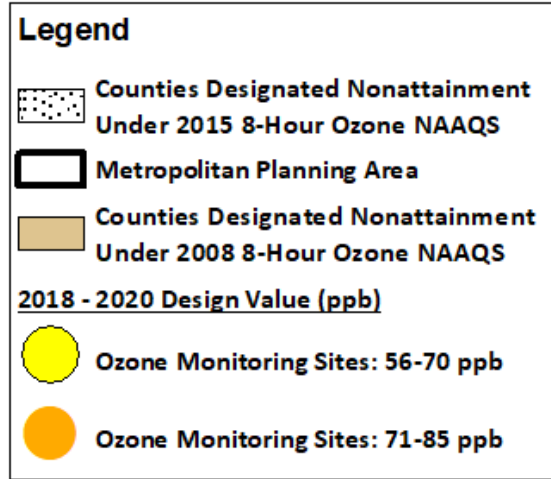
# Federal Attainment Requirements

**Design Value = Regulatory test: 3-Year Average of Fourth Highest Value**

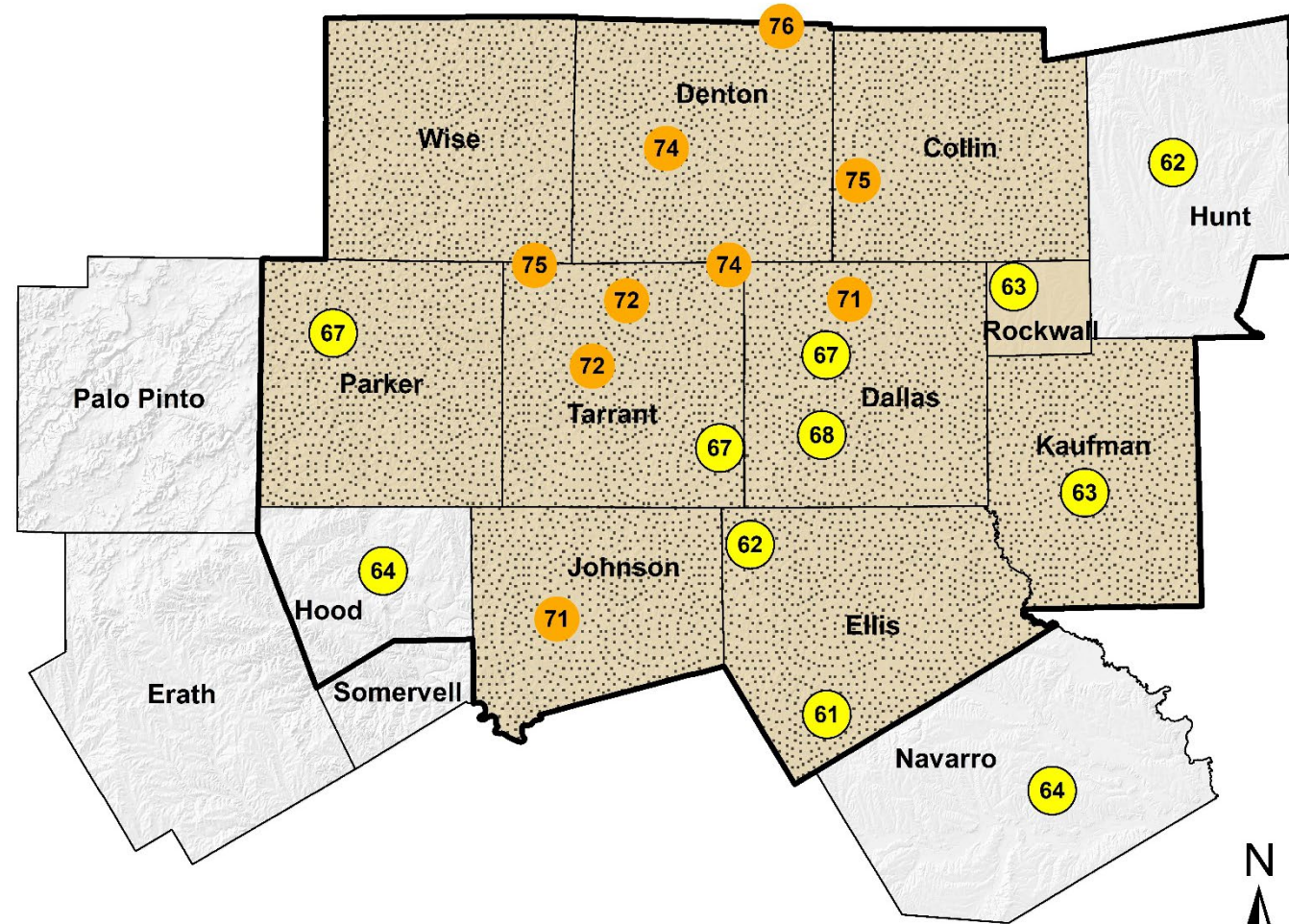
Five Highest Monitors	4 <sup>th</sup> Highest Value for Season			2021 Ozone Season Design Value
	2019	2020	2021	
Pilot Point	73	71	85	<b>76</b> ←
Eagle Mountain Lake	75	76	76	75
Frisco	76	70	81	75
Denton Airport South	71	71	81	74
Grapevine Fairway	71	77	75	74

# Monitor Locations with Design Value

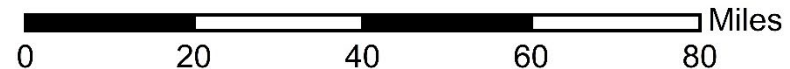
As of November 30, 2021



Colors represent Air Quality Index Breakpoints



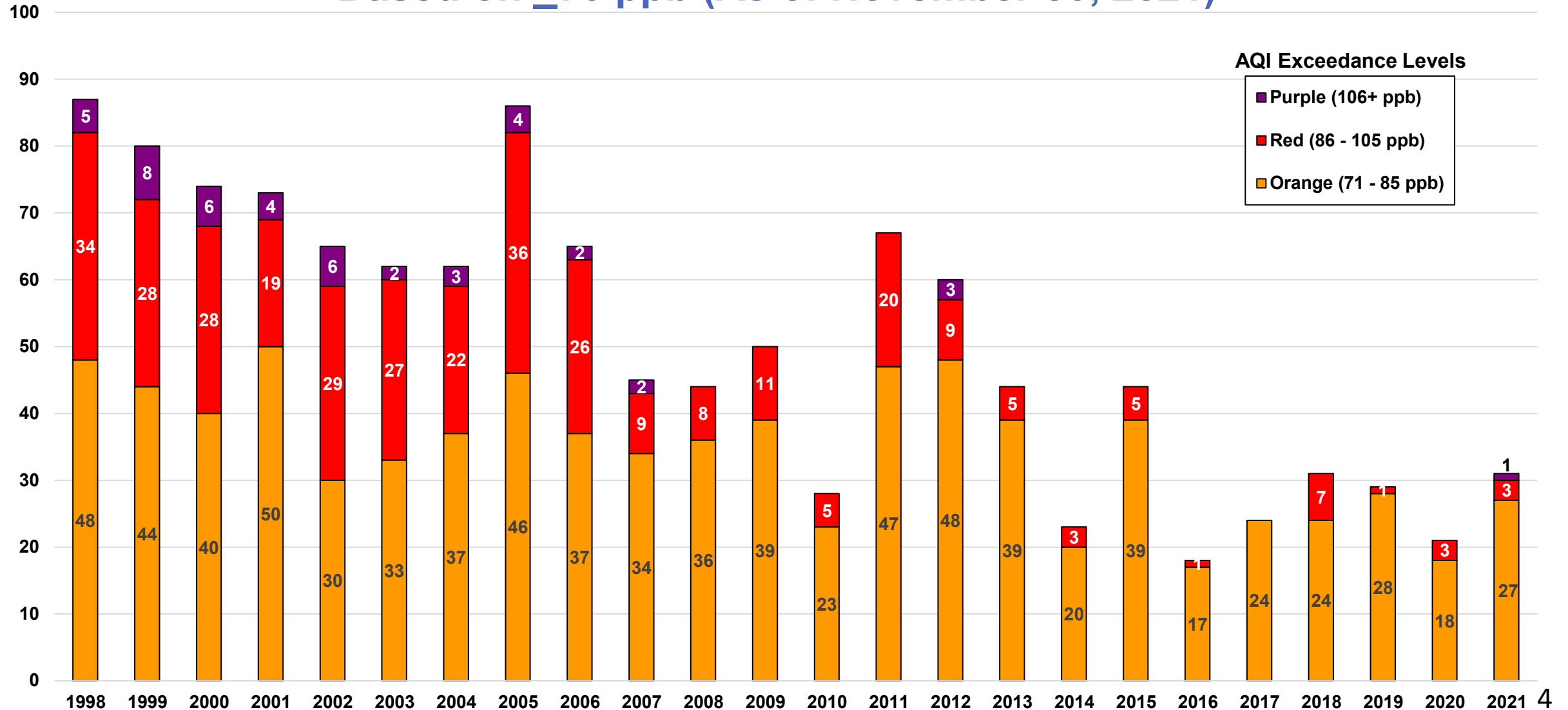
North Central Texas Council of Governments



November 2021

# 8-Hour Ozone NAAQS Exceedance Trends

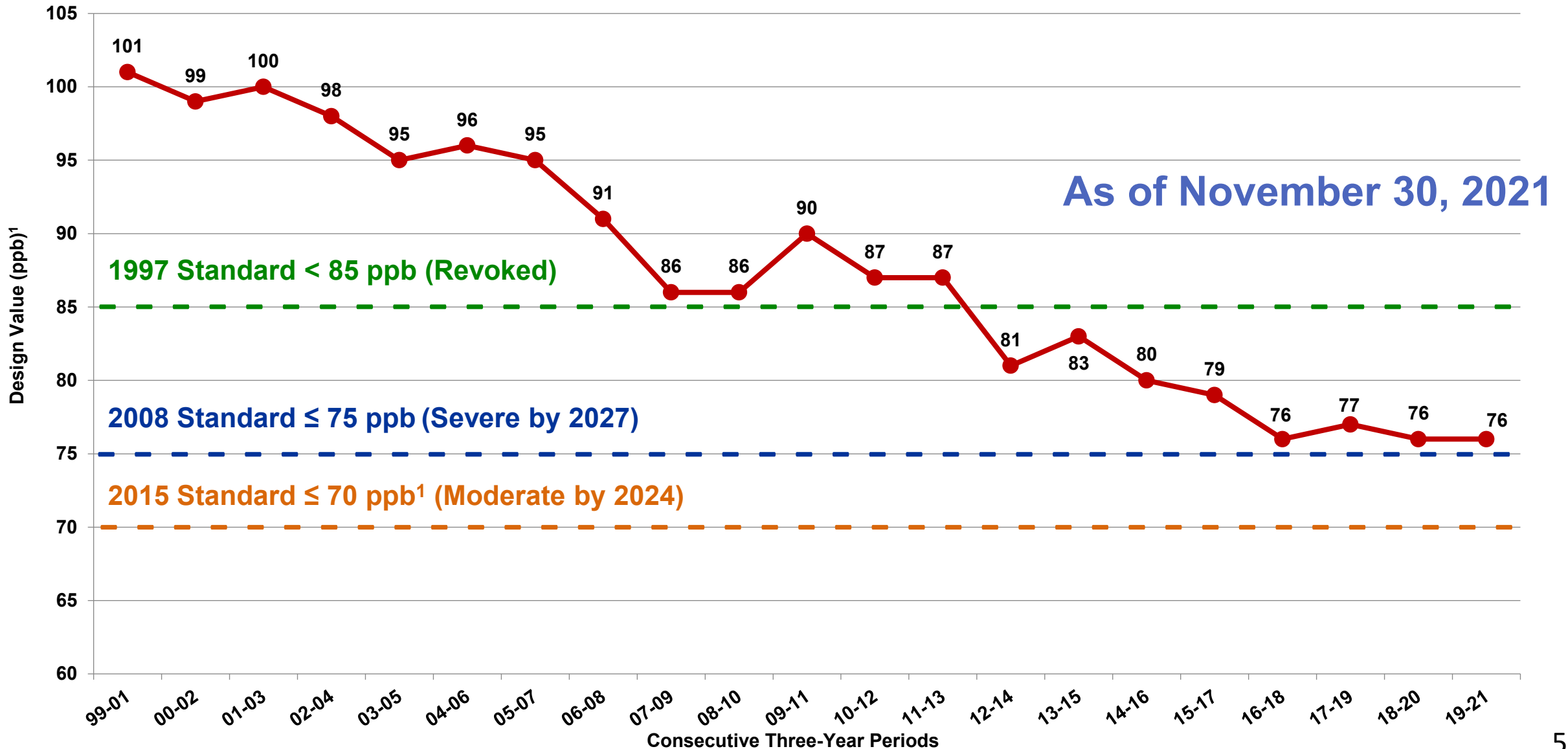
Based on  $\leq 70$  ppb (As of November 30, 2021)



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](http://www.tceq.state.tx.us/cgi-bin/compliance/monops/8hr_monthly.pl)  
ppb = parts per billion

# Ozone Design Value Trends



<sup>1</sup>Attainment Goal - According to the US 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).

# Timeline and Milestones

## 2008 Ozone Standard (<75ppb)

Attainment Date:  
No later than **July 20, 2027**

*Attainment will be based on  
2024-2026 Ozone Monitor Data*

## EPA NAAQS Classifications

Marginal  
(3 years to attain)

Moderate  
(6 years to attain)

Serious  
(9 years to attain)

Severe  
(15/17 years to attain)

Extreme  
(20 years to attain)

## 2015 Ozone Standard (<70ppb)

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

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

# Reclassification Due to Failure to Attain Stricter Standards

## Going from Serious Classification to Severe:

**Major source threshold decreased to 25 TPY (from 50 TPY)**

**Impacts businesses that require CAA permitting for new/continued operations**

**Penalty fee program for major sources**

**Per ton penalty fee increase on major sources if the area does not meet required reductions**

**New Source Emission Offset ratio increased to 1.3:1 (from 1.2:1)**

 **Low VOC reformulated gas**

**No implications, because our region has already opted in previously**

 **VMT growth offset required**

**Analysis completed and no transportation control strategies are needed**

*A continued and thorough assessment of regional implications is ongoing.*



# FOR MORE INFORMATION

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



# Local Government Energy Reporting

Dorothy Gilliam

January Air North Texas Meeting

January 20, 2022

# Local Government Energy Reporting



**Who:** All political subdivisions, state agencies, and institutes of higher education in the 12-county NCTCOG metropolitan planning area and other affected counties

**What:** Establish a goal to reduce electricity consumption by 5% each year **AND** report progress annually to the Texas State Energy Conservation Office (SECO) (see [Texas Health and Safety Code §388.005\(c\)](#))

**Why:** Reducing demand for electricity can reduce air pollution associated with electricity generation, supporting efforts to attain ozone standards

## **ACTION REQUESTED OF ALL POLITICAL SUBDIVISIONS, STATE AGENCIES AND PUBLIC INSTITUTES OF HIGHER EDUCATION IN THE 12-COUNTY METROPOLITAN PLANNING AREA:**

**Step 1: Submit required report by February 1** via the SECO Local Government Energy Reporting [webpage](#)

- Use [SECO's "Energy Consumption Reporting Dashboard"](#) to Review Prior Years' Data and Compare Against Peer Entities
- Review the [Local Government Energy Reporting Toolkit](#) for Tips and Guidance on Submitting Reports

**Step 2: Take advantage of No-Cost Technical Resources** available via SECO's contractors to:

- (1) Identify and Assess Potential Energy-Saving Projects, and
- (2) Apply for Financing if Needed

To submit report or see more information, visit the SECO Local Government Energy Reporting [webpage](#) or contact [energy@nctcog.org](mailto:energy@nctcog.org)

# State Energy Conservation Office (SECO) No-Cost Resources to Assist Entities in Meeting the 5% Reduction Goal

## Preliminary Energy Assessments (PEAs)

A PEA details recommendations for cost-effective resource efficiency measures that could be implemented to reduce utility consumption or utility costs.

A PEA may include the following elements:

- Analysis of utility bills and other building information to determine facilities' energy and cost utilization indices
- Recommended maintenance procedures and capital energy retrofits
- Development of an overall energy management policy
- Facility benchmarking using ENERGY STAR Portfolio Manager

## Technical Assistance Program (TAP)

Through the TAP, SECO contracts with leading engineering firms to provide customized, on-site, energy-related services ranging from basic consultation to feasibility studies.

Eligible public entities may request assistance with energy or water-related technical matters. Upon determination that the requested services are reasonable and within the contractors' scope of work, SECO will assign an engineer to the entity and determine the level of service necessary.

## Texas LoanSTAR Revolving Loan

Texas LoanSTAR (Saving Taxes and Resources) Revolving Loan finances energy- and water-related, cost-reduced retrofits of facilities.

Borrowers receive low-interest loans to help pay for these efforts. Applicants repay the loans from the energy cost savings realized by the projects.

Twice each year, SECO publishes a Notice of Loan Fund Availability for LoanSTAR loans. The notice is published on the Comptroller's website and on SECO's [Funding & Incentives](#) webpage.

**For more information, visit**

**SECO's Preliminary Energy Assessment [webpage](#)**

**SECO's Technical Assistance [webpage](#)**

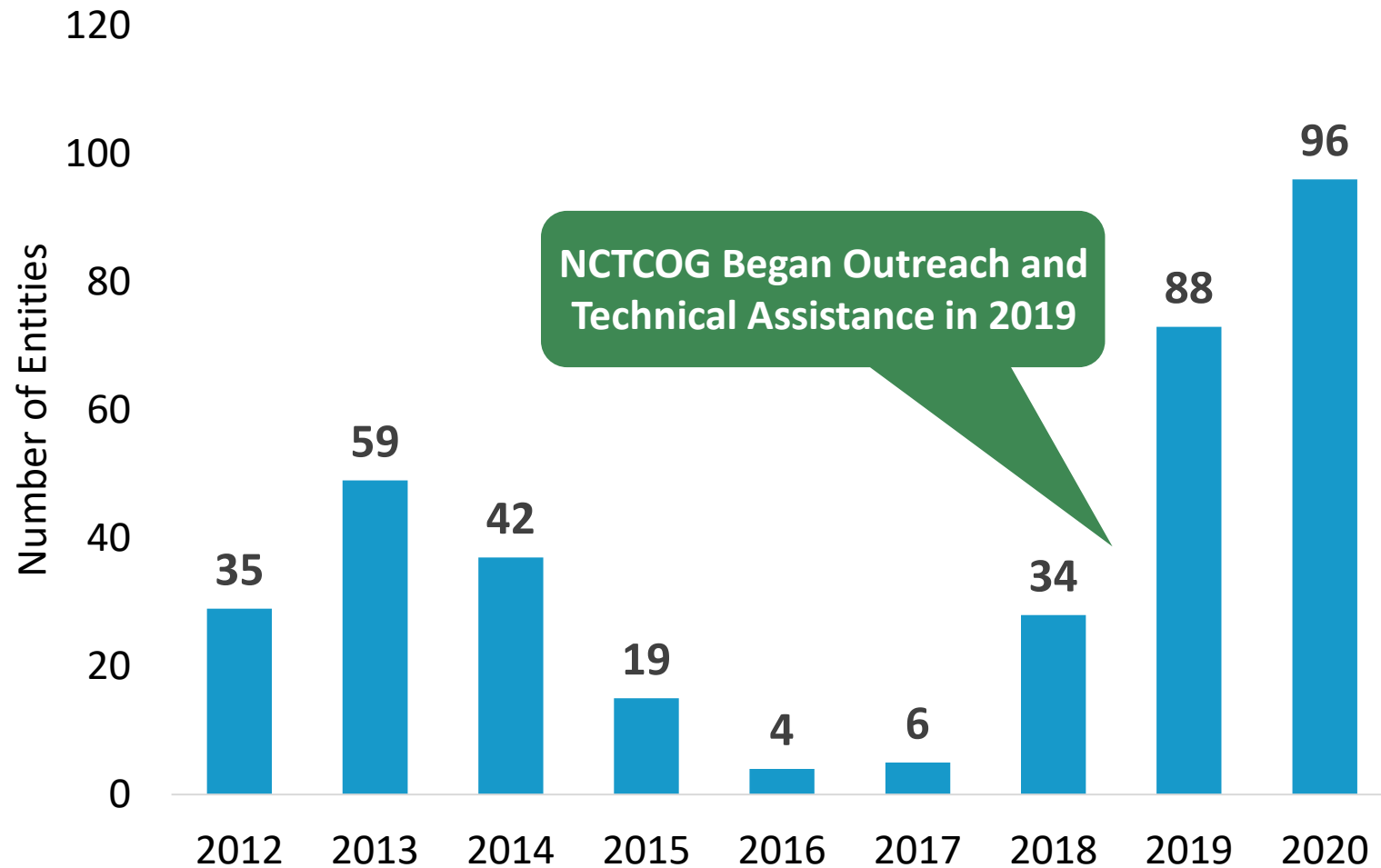
**SECO's LoanSTAR Revolving Loan [webpage](#)**



**SECO**  
State Energy Conservation Office

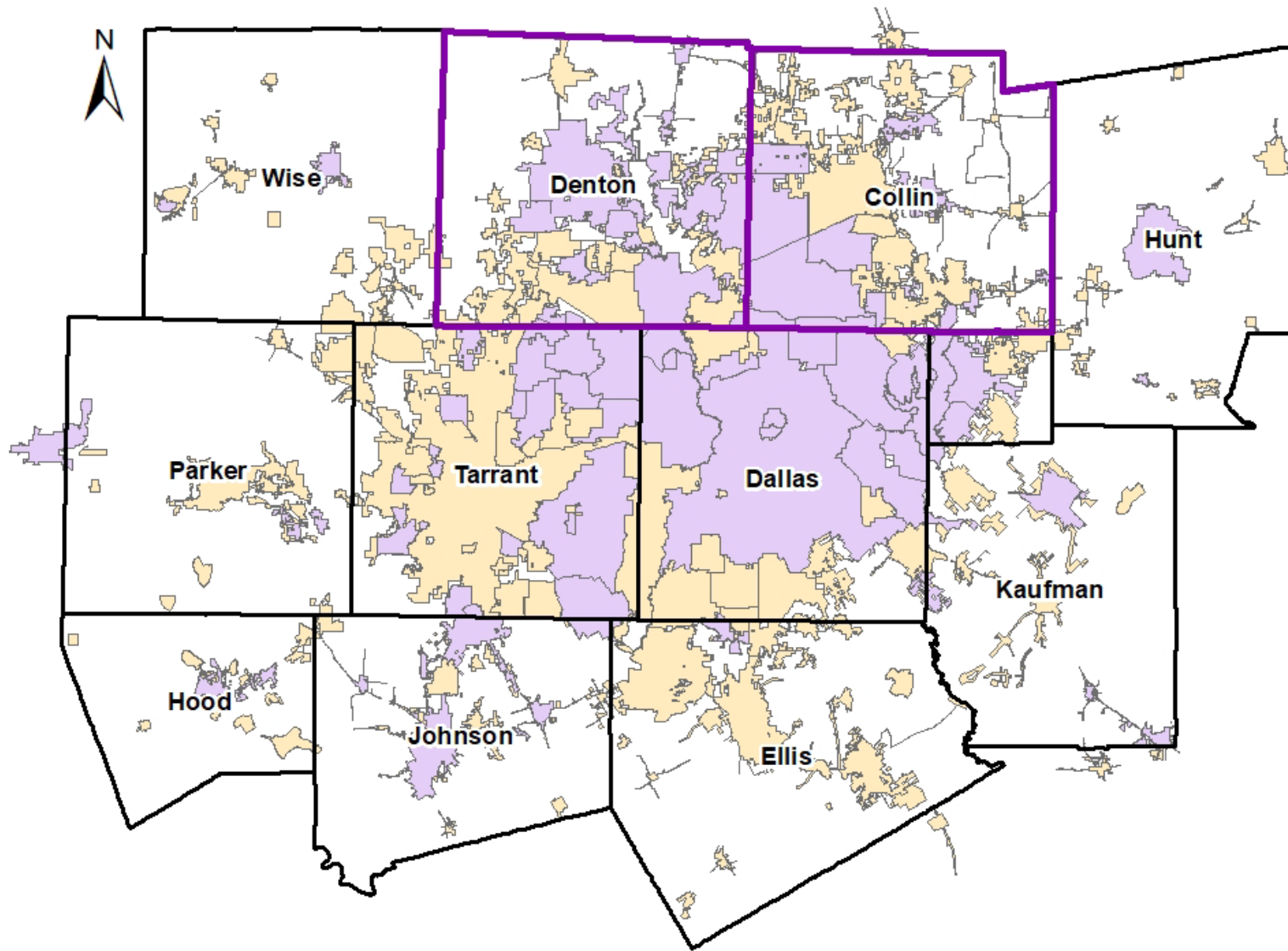
# Local Government Energy Reporting Statistics

## Number of North Texas Entities Who Submitted a Local Government Energy Report



# North Texas Cities and Counties Who Reported in 2020\*

\*Institutes of Higher Education, Special Districts, Appraisal Districts, and State Agencies who reported are not shown on this map



Number of Cities  
Who Reported: **76**

Number of Counties  
Who Reported: **2**



# Contact Us



Dorothy Gilliam

Air Quality Planner

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North Central Texas  
Council of Governments



# ***AIR NORTH TEXAS***

Campaign Bi-monthly Quantification & Social Media Report

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Air North Texas Coalition | January 20, 2022





Air North Texas Coalition | November 18, 2021

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# ***AIR NORTH TEXAS***

# Air North Texas Web Analytics

Visits	687	Decreased	By 41% compared to 2021
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Avg. time	1:16	Increased	By 1 minute and 2 seconds compared to 2021
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Pageviews	1,433	Decreased	By 23% compared to 2021
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New Visits	648	Decreased	By 42% compared to 2021
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## Visits by Device



315

80% decrease  
compared to 2021



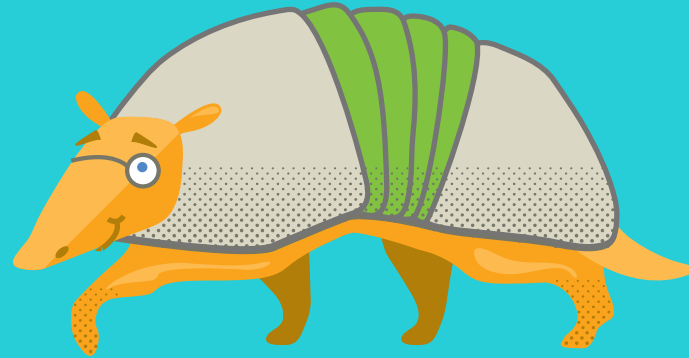
19

25% decrease  
compared to 2021



523

82% decrease  
compared to 2021

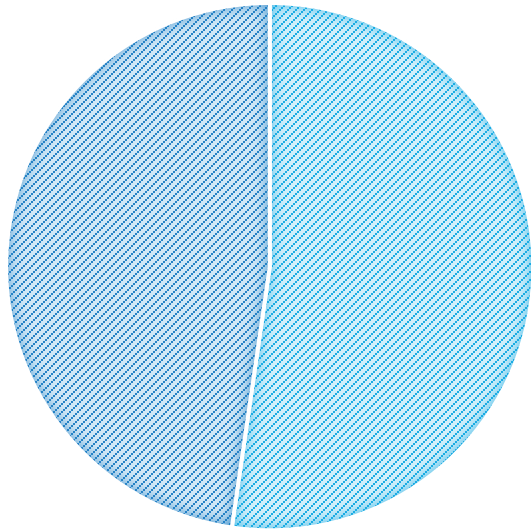


***ANTx ANALYTICS***

# Visitor Demographics

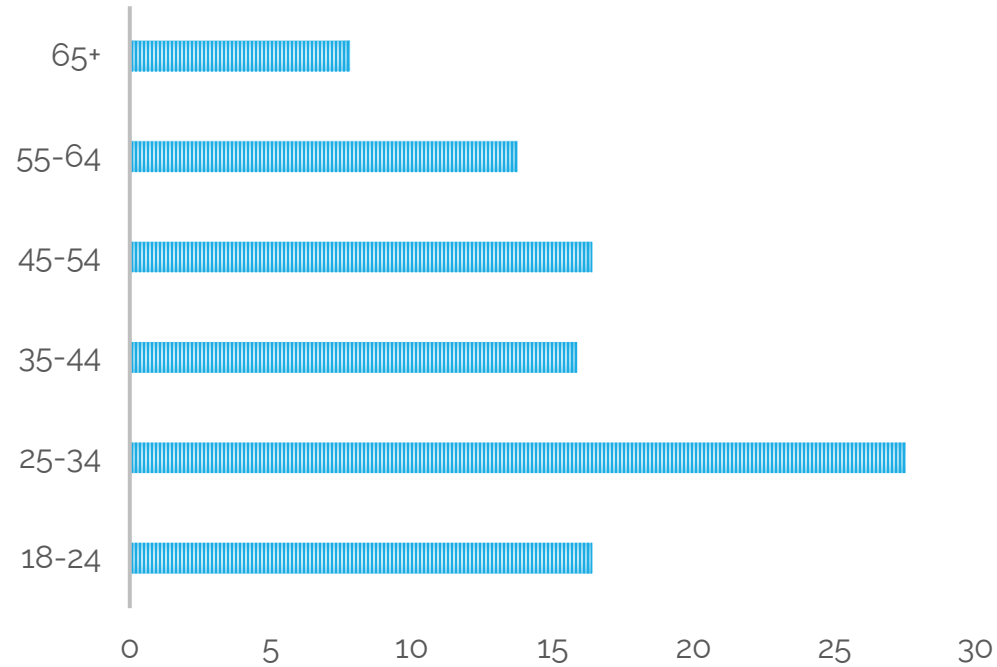
## GENDER

■ Women ■ Men



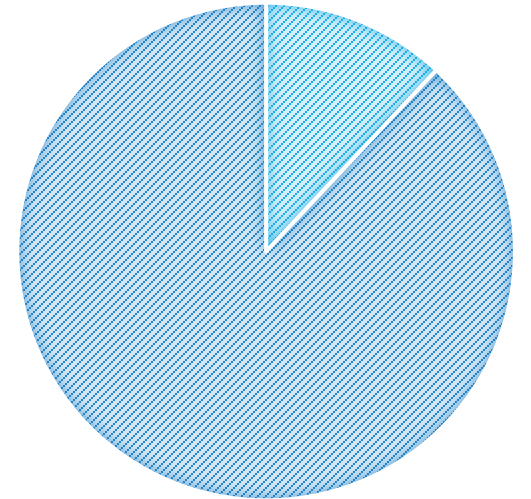
## AGE

■ Age

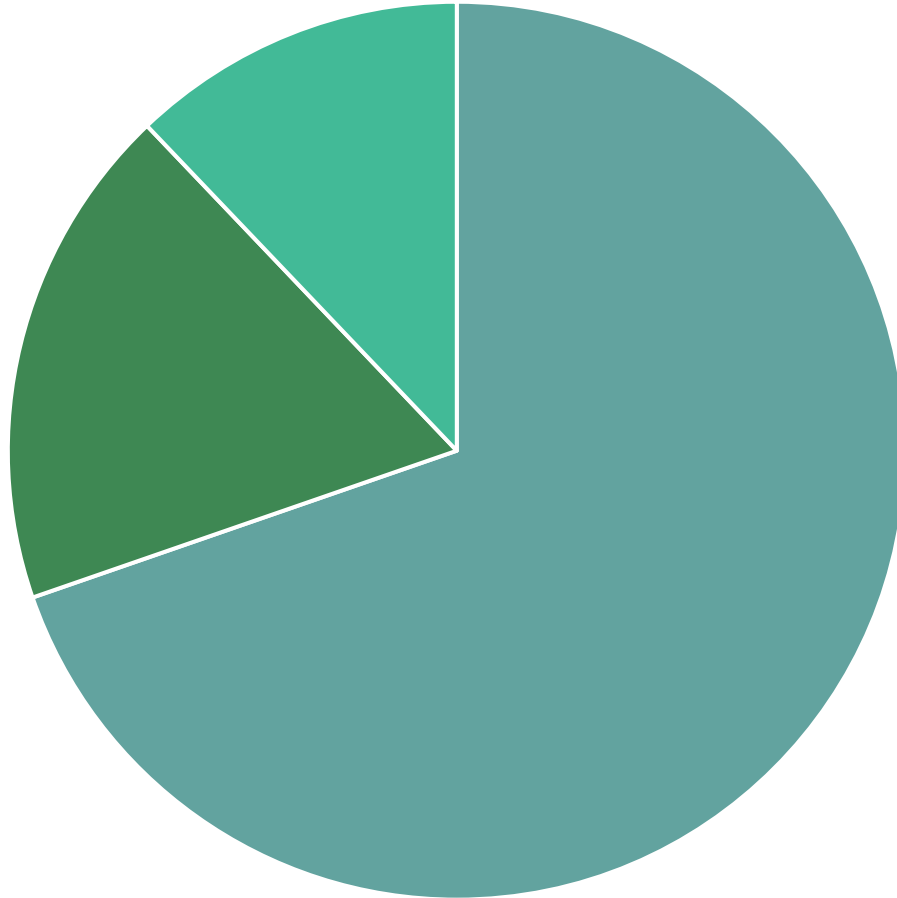


## VISITORS

■ Returning Visitors ■ New Visitors

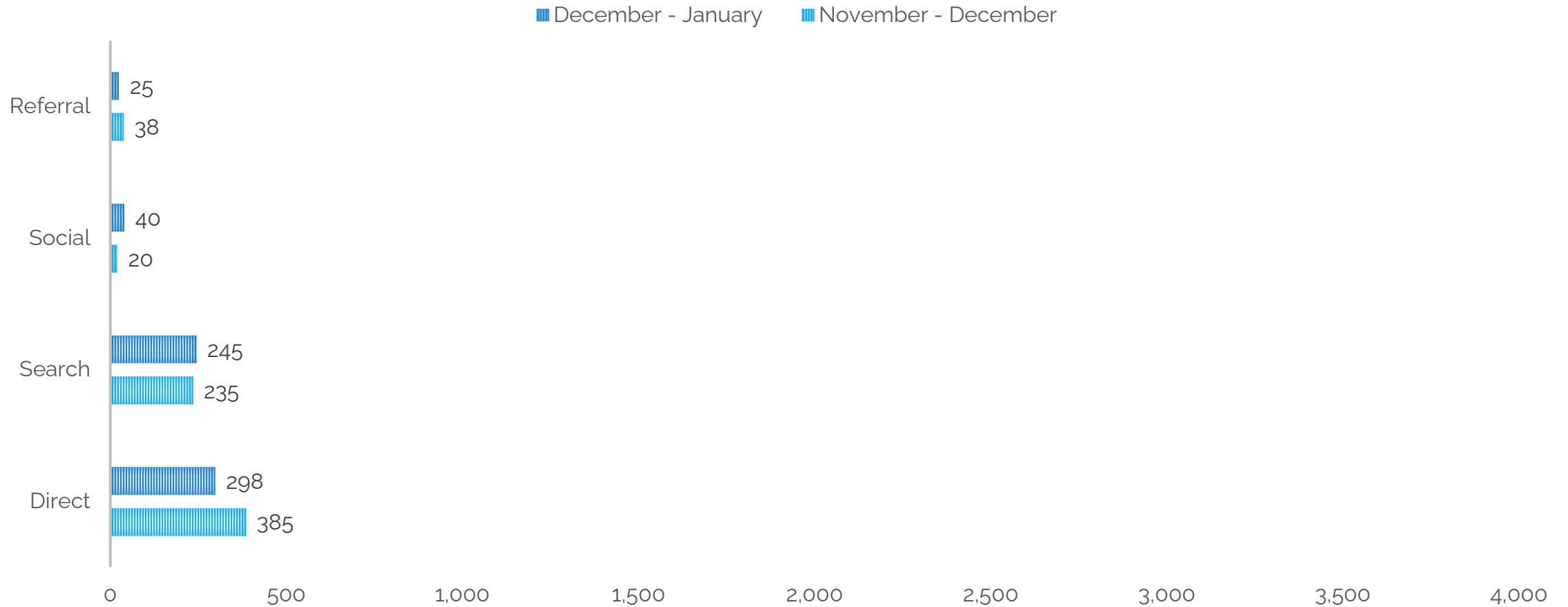


# Top Directed Sites

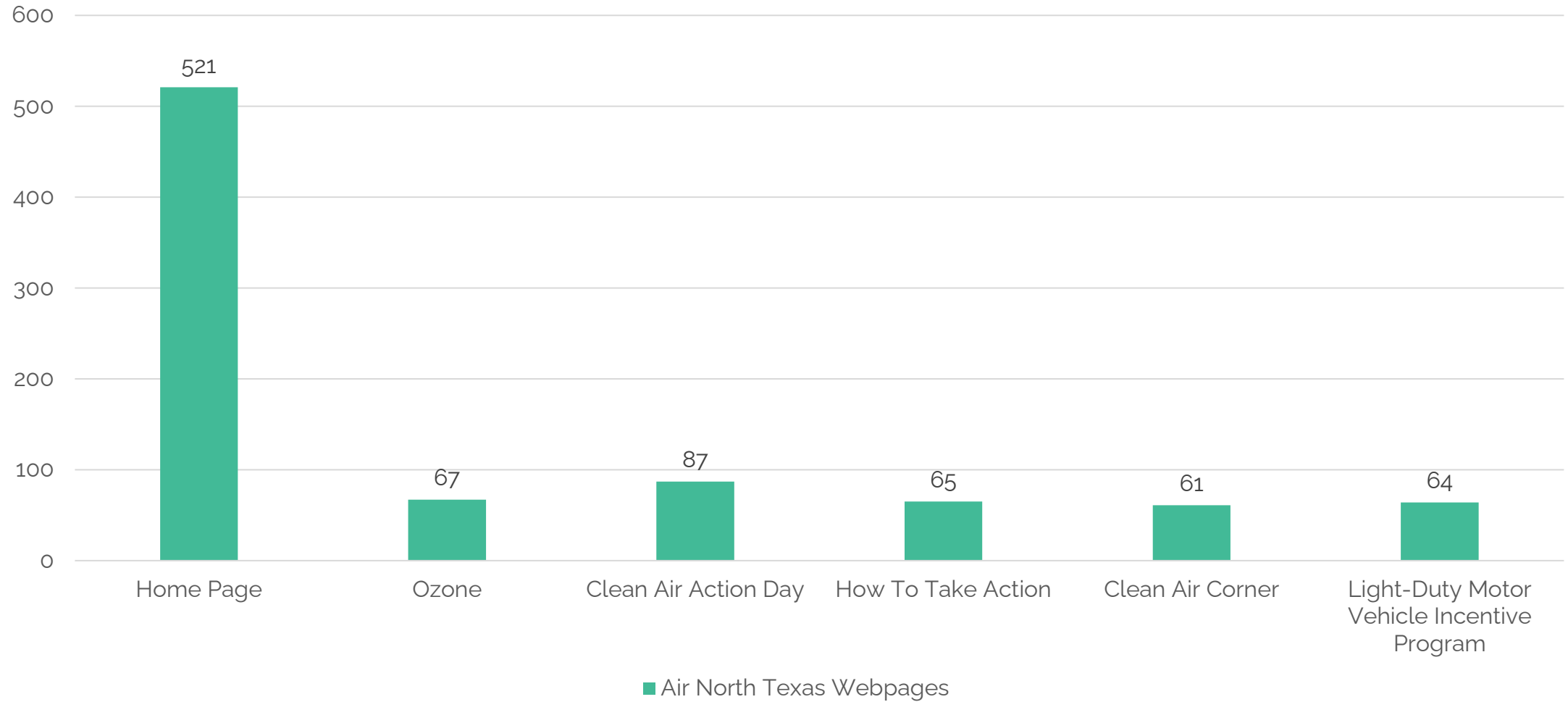


- Facebook
- TeamPlano
- Dallas News

# How Visitors Found Air North Texas



# Top Pages Viewed







***AIR NORTH TEXAS***  
***PARTNERS***



# City of Grand Prairie - Municipal Government

@cityofgptx · Government Building

Grand Prairie, TX @gp\_tx · Nov 19, 2021

When making dinner for your loved ones this #ThanksgivingDay try visiting your local farmers market for your veggies and desserts. This is a fuel-efficient route thus reducing air pollution. #AirNTX

Remember, the @GrandFunGP Farmers Market is open this Sat. 8 a.m. - noon.

Happy Thanksgiving!  
Get your veggies from your local farmers market

Grand Prairie, TX @gp\_tx · Dec 10, 2021

Happy Holidays from Arlo! As you light up your house for Santa, keep in mind you can reduce your light bill and air pollution by switching over to LED lights. LED light bulbs can use up to 95% less energy than your traditional holiday lighting. #AirNTX

LED light bulbs use less energy than your traditional lighting so consider switching over to save money and reduce air pollution.

Grand Prairie, TX @gp\_tx · Dec 23, 2021

Lets continue to be air aware and reduce air pollution by avoiding burning wood in our fireplace as this contributes to smog and CO2 emission. Visit [airnorthtexas.org](http://airnorthtexas.org) to learn more about what you can do for clean air. #AirNTX

Don't be naughty. avoid burning wood and trash.

Happy holidays

Grand Prairie, TX @gp\_tx · Nov 8, 2021

Meeting with friends, family, or coworkers for potlucks or dinners? Try carpooling together to reduce air pollution in North Texas while reducing fuel consumption and traffic jams. #AirNTX

Benefits of Carpooling

- Reduces air pollution
- Reduces fuel consumption
- Less traffic jams



# NCTCOG Transportation Department

@NCTCOGtrans · Government Organization

**NCTCOGTransportation** @NCTCOGtrans · Dec 20, 2021


While ozone season may have ended, we're still responsible for the environment we live in, so here are some tips to help improve our air quality in December: [airnorthtexas.org/single-post/ou...](http://airnorthtexas.org/single-post/ou...) #AirNorthTexas



ALT

**NCTCOGTransportation** @NCTCOGtrans · Dec 28, 2021

#EPASmartWay partners are working hard to deliver joy to your home this holiday season, all while achieving efficiency and becoming more sustainable. #sustainability Learn more: [epa.gov/smartway](http://epa.gov/smartway).



[epa.gov/smartway](http://epa.gov/smartway)

**NCTCOGTransportation** @NCTCOGtrans · Dec 21, 2021


Meat waste is a significant contributor of greenhouse gases, and the methods by which we cook them can be even worse. Check out some tasty alternatives here: [airnorthtexas.org/single-post/ou...](http://airnorthtexas.org/single-post/ou...) #AirNorthTexas



ALT

**NCTCOGTransportation** @NCTCOGtrans · Nov 19, 2021


The holidays are upon us! Check out these transportation tips for the holiday season and don't forget to subscribe to our blog so you can get all our updates: [airnorthtexas.org/single-post/ti...](http://airnorthtexas.org/single-post/ti...) #AirNorthTexas



ALT

**NCTCOGTransportation** @NCTCOGtrans · Nov 18, 2021

Since 2004, #EPASmartWay partners have saved more than 335 million barrels of oil & over \$44 billion in fuel costs – equivalent to eliminating the annual energy use of more than 21 million homes! Thank you, partners! #FuelSavings #freight #sustainability [epa.gov/smartway](http://epa.gov/smartway).



ALT SmartWay [epa.gov/smartway](http://epa.gov/smartway)





# NCTCOG Transportation Department

@NCTCOGtrans · Government Organization

**NCTCOGTransportation** @NCTCOGtrans · Dec 22, 2021

If you plan on traveling this December, check traffic ahead of time to save yourself a headache. Less drive time will reduce the emissions you contribute. Read more here: [airnorthtexas.org/single-post/ou...](http://airnorthtexas.org/single-post/ou...) #AirNorthTexas

**Think Ahead!**

ALT

**NCTCOGTransportation** @NCTCOGtrans · Nov 24, 2021

Holiday shopping choices can have a big impact on the environment, so consider some friendlier options this year, like gifting experiences rather than ordering gifts that are delivered. For more tips, visit: [airnorthtexas.org/single-post/ti...](http://airnorthtexas.org/single-post/ti...) #AirNorthTexas

**Thanksgiving Travel Tip #3**

ALT

**NCTCOGTransportation** @NCTCOGtrans · Nov 23, 2021

The sun is still setting earlier and earlier each day. This holiday, make sure your headlights are functioning properly while on the road! Click the link for more tips: [airnorthtexas.org/single-post/ti...](http://airnorthtexas.org/single-post/ti...) #AirNorthTexas

**Thanksgiving Travel Tip #2**

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**NCTCOGTransportation** @NCTCOGtrans · Nov 22, 2021

The holiday season is always a busy time for travelers and making sure your vehicle is ready for extended travel is important. To prevent any unnecessary air pollution! Read more Thanksgiving travel tips at: [airnorthtexas.org/single-post/ti...](http://airnorthtexas.org/single-post/ti...) #AirNorthTexas

**Thanksgiving Travel Tip #1**

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# Keep Cedar Hill Beautiful

@KeepCedarHillBeautiful · Government Organization



City of Cedar Hill, Texas - Government

November 19, 2021 ·



👤 Collect and drop off your Thanksgiving grease and cooking oil at the Service Center (1554 S Cedar Hill Rd) for FREE recycling. ♻️ Protect your environment by preventing clogged pipes! [#AirNorthTexas](#) [#DefendYourDrains](#)





**Air Central Texas**  
Yesterday at 8:55 AM · 🌐

2022 is the 20th anniversary of the Central TX Clean Air Coalition! The Clean Air Coalition is comprised of cities, counties, and other organizations in the 5-county Austin metro area that work together towards clean air at the Capital Area Council of Governments. Learn more <https://www.capcog.org/.../central-texas-clean-air.../> #BeAirAware



**Keep Fort Worth Beautiful**  
January 7 at 12:00 PM · 🌐

Make committing to cleaner air quality in 2022 a part of your New Year's resolutions. Small steps can make a big impact and are easier than you think. Check out these clean air facts from our friends at #AirNTX <https://loom.ly/Gih9TEg> #CleanAir #2022



AIRNORTHTEXAS.ORG  
**Clean Air Facts for 2022**  
2021 was a wild ride, but it's time to crawl out from under the cove...

**City of Denton Sustainability**  
November 23, 2020 · 🌐

Colder temperatures reduce the risk of Ozone Action Days because the chemical reactions that create ground level Ozone are less likely to occur. Other types of air pollution can still occur so do your part to improve air quality by driving less, planting trees, conserving water and energy. #AirNTX #Arlo #sustainabledenton



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Air North Texas Coalition Web Page:

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

