



NCTCOG Presentation

# End of 2025 Ozone Season

Daniela Tower

December Public Meeting

12.8.2025



# Design Values 2025

## Legend

Ozone  
Design Value

0 - 70

71 - 85

Out of Service

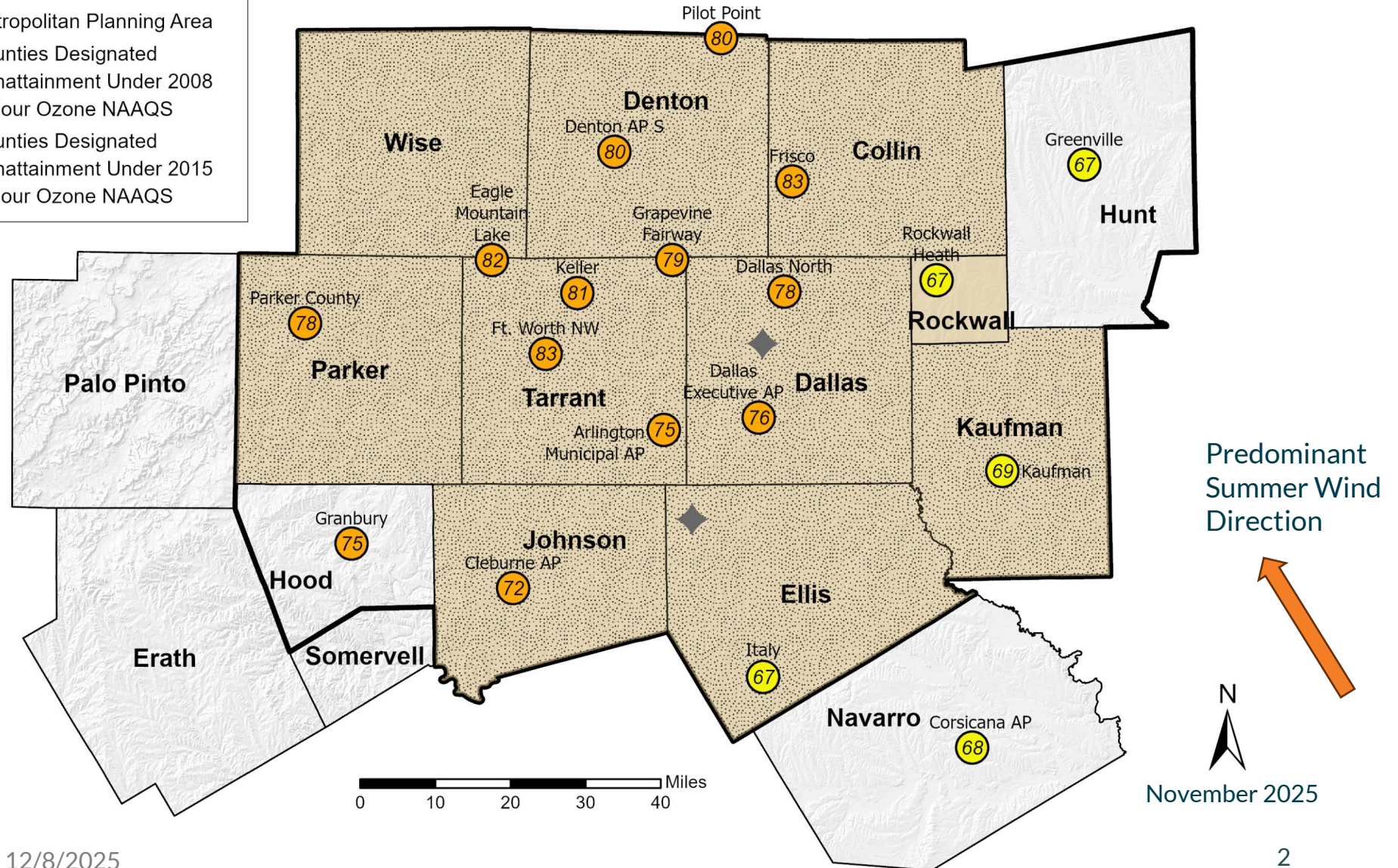
Metropolitan Planning Area

Counties Designated  
Nonattainment Under 2008  
8-Hour Ozone NAAQS

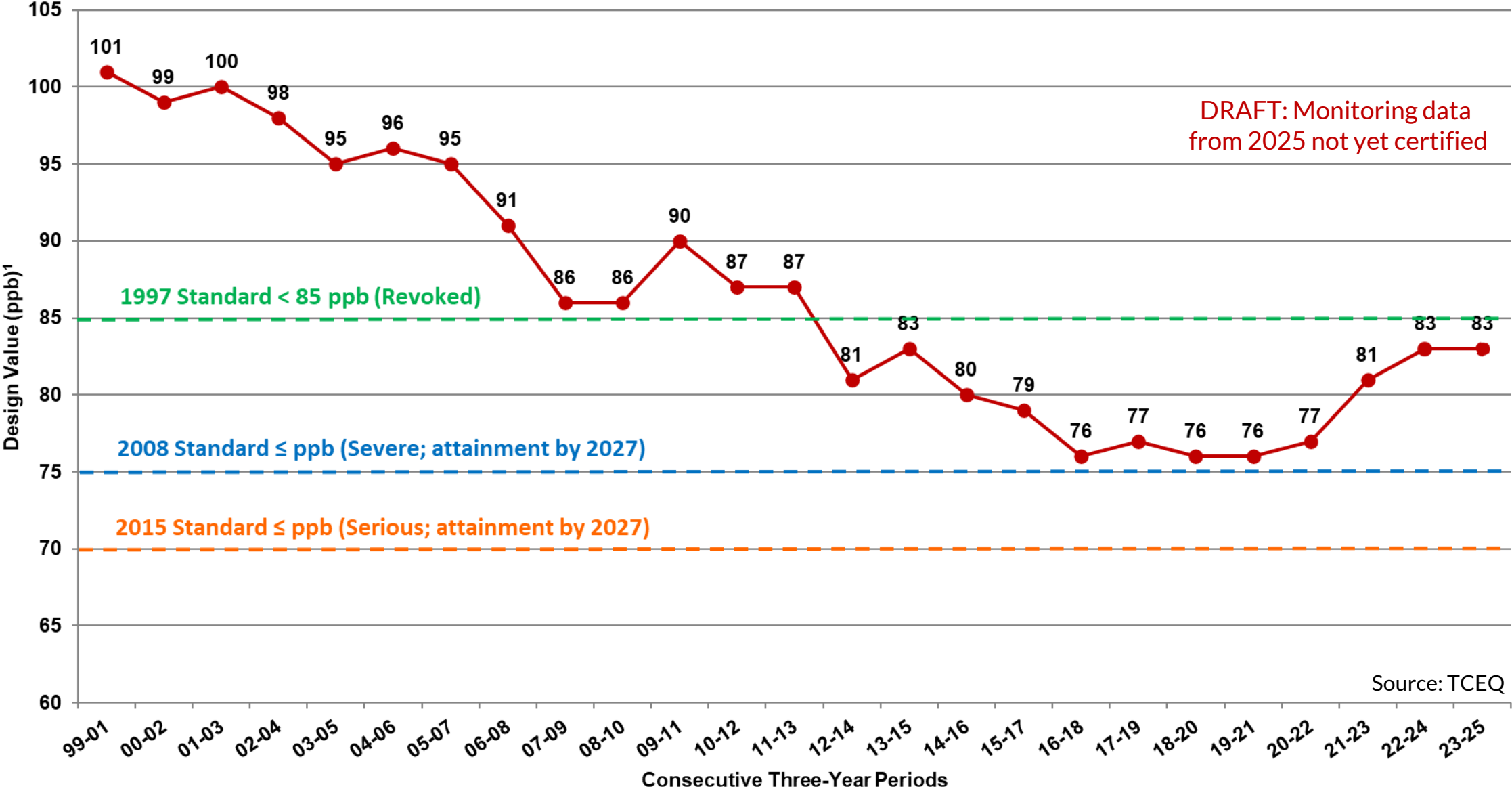
Counties Designated  
Nonattainment Under 2015  
8-Hour Ozone NAAQS

Colors represent Air Quality  
Index Breakpoints for Ozone

DRAFT: Monitoring data  
from 2025 not yet certified



# 8-Hour 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).

# 2008 Ozone National Ambient Air Quality Standards Attainment Scenario (75ppb)

DRAFT: Monitoring data from 2025 not yet certified

## Monitor Values as of Dec 1, 2025

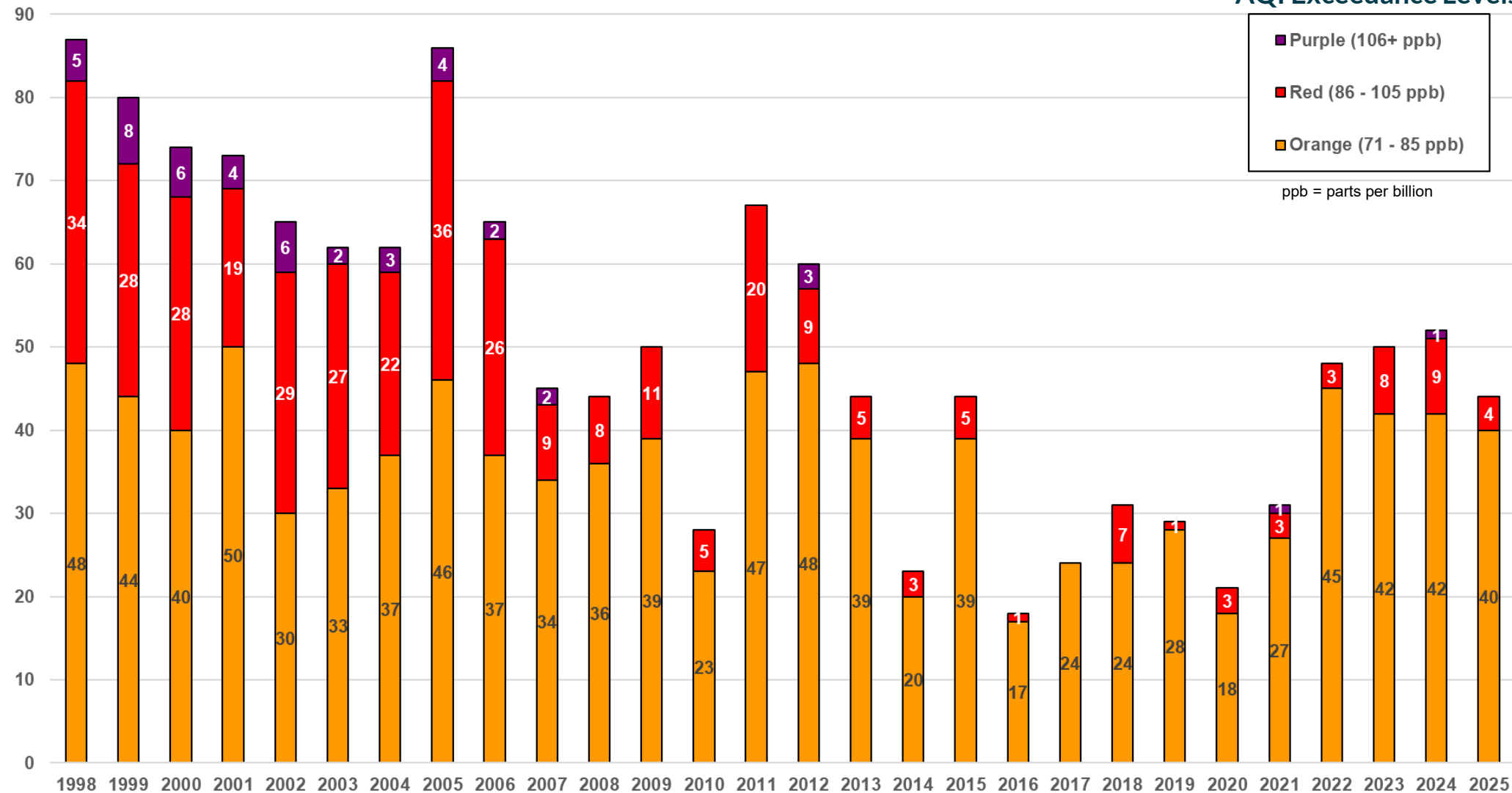
Highest Monitors	4 <sup>th</sup> Highest Value for Season			Current 2025 Ozone Season Design Value
	2023	2024	2025	
Fort Worth Northwest	84	85	82	83
Frisco	82	84	85	83
Eagle Mountain Lake	81	89	76	82
Keller	80	88	77	81
Denton Airport South	78	84	78	80
Pilot Point	81	83	77	80

Based on 2023-2025 [TCEQ ozone monitoring data](#)



# 8-Hour Ozone NAAQS - Exceedance Trends

Based on 2015 Standard ( $\leq 70$  ppb) as of Dec 1, 2025



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)



# Looking Forward

2008 Ozone NAAQS = 75 ppb

2015 Ozone NAAQS = 70 ppb


Highest Monitors	4th Highest Value for Season		Max	2026 Design Value Scenario
	2024	2025	2026	
Fort Worth Northwest	85	82	60	75
Frisco	84	85	58	75
Eagle Mountain Lake	89	76	62	75
Keller	88	77	62	75
Denton Airport South	84	78	65	75
Pilot Point	83	77	67	75





# Air Quality Sites – Information Resources

## Local Air Quality Resources

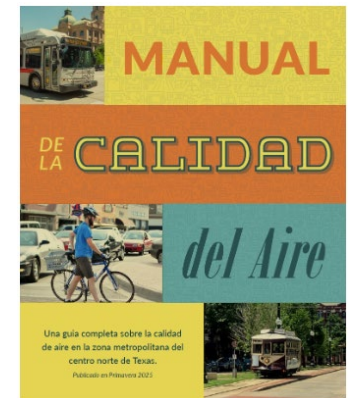
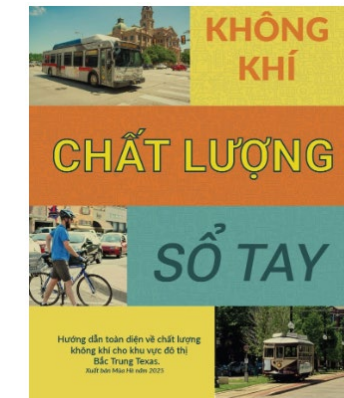
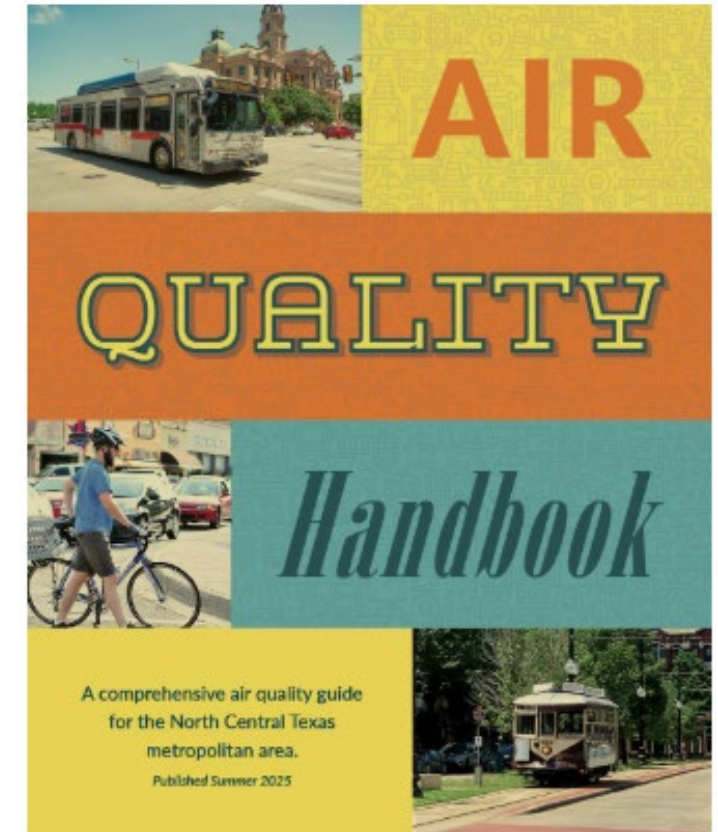
- NCTCOG - Ozone
- Air North Texas 
- Texas Commission on Environmental Quality
- City of Dallas: Office of Environmental Quality and Sustainability

## Want to learn more?

- AirKnowledge  
(Cooperation with EPA)

## Local Air Quality Initiatives

City of Denton  
City of Fort Worth  
City of Grand Prairie  
City of Grapevine  
City of Plano  
Dallas County



# Air Quality Sites – Monitoring Resources

## Local Monitoring Initiatives

- Dallas Community Air Management Program (D-CAMP)
- City of Denton Air Quality Sensor Dashboard
- SharedAirDFW

## Statewide Coverage

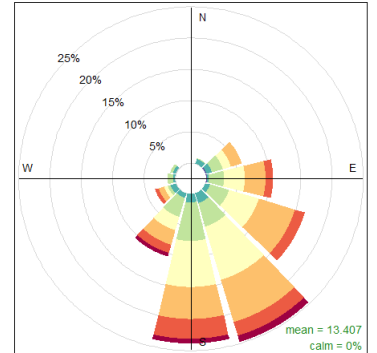
- TCEQ Monitors

## US-Wide Coverage

- AirNow
- EPA Monitors
- Clarity

## Global Approaches

- Purple Air
- IQ Air
- OpenAQ
- Air Gradient
- World Air Quality Index Project





# AQ Control Strategies & Local Air Quality Programs



# For More Information

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

