

DFW AIR QUALITY ROUNDUP



**North Central Texas Stewardship Forum
October 13, 2014**

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North Central Texas Council of Governments

Transportation Department

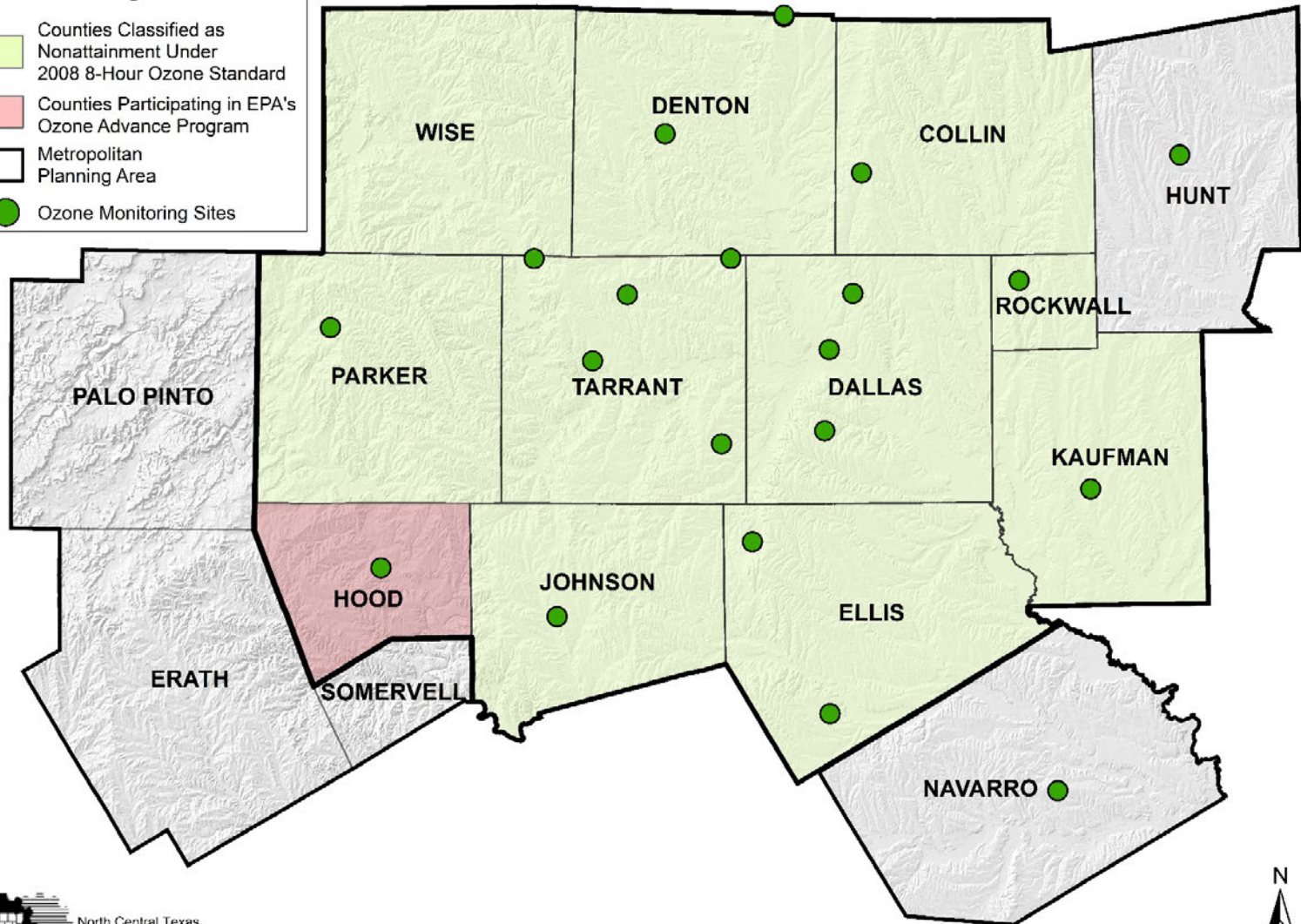


**North Central Texas
Council of Governments**

NCTCOG PLANNING AREA

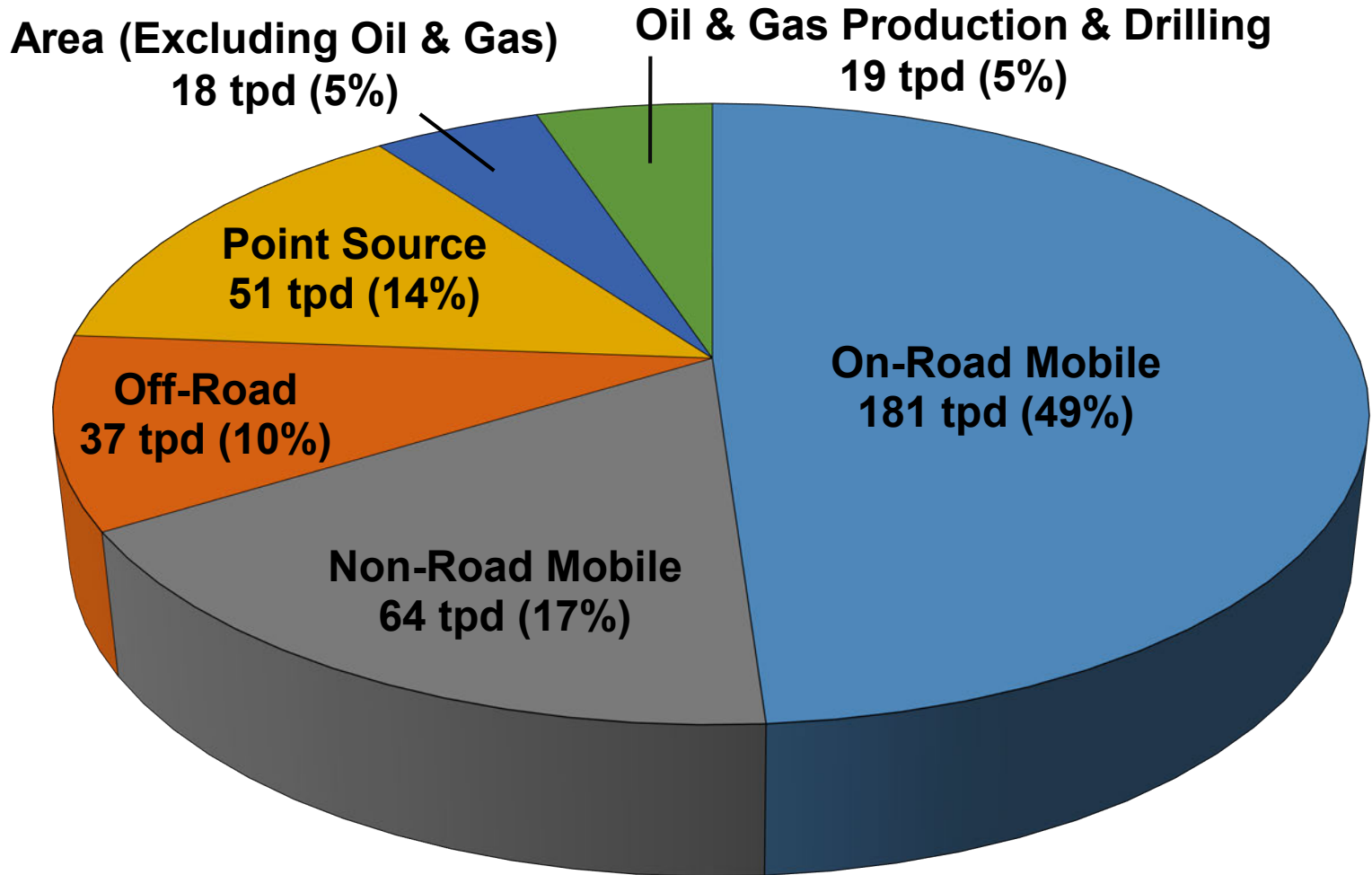
Legend

- Counties Classified as Nonattainment Under 2008 8-Hour Ozone Standard
- Counties Participating in EPA's Ozone Advance Program
- Metropolitan Planning Area
- Ozone Monitoring Sites



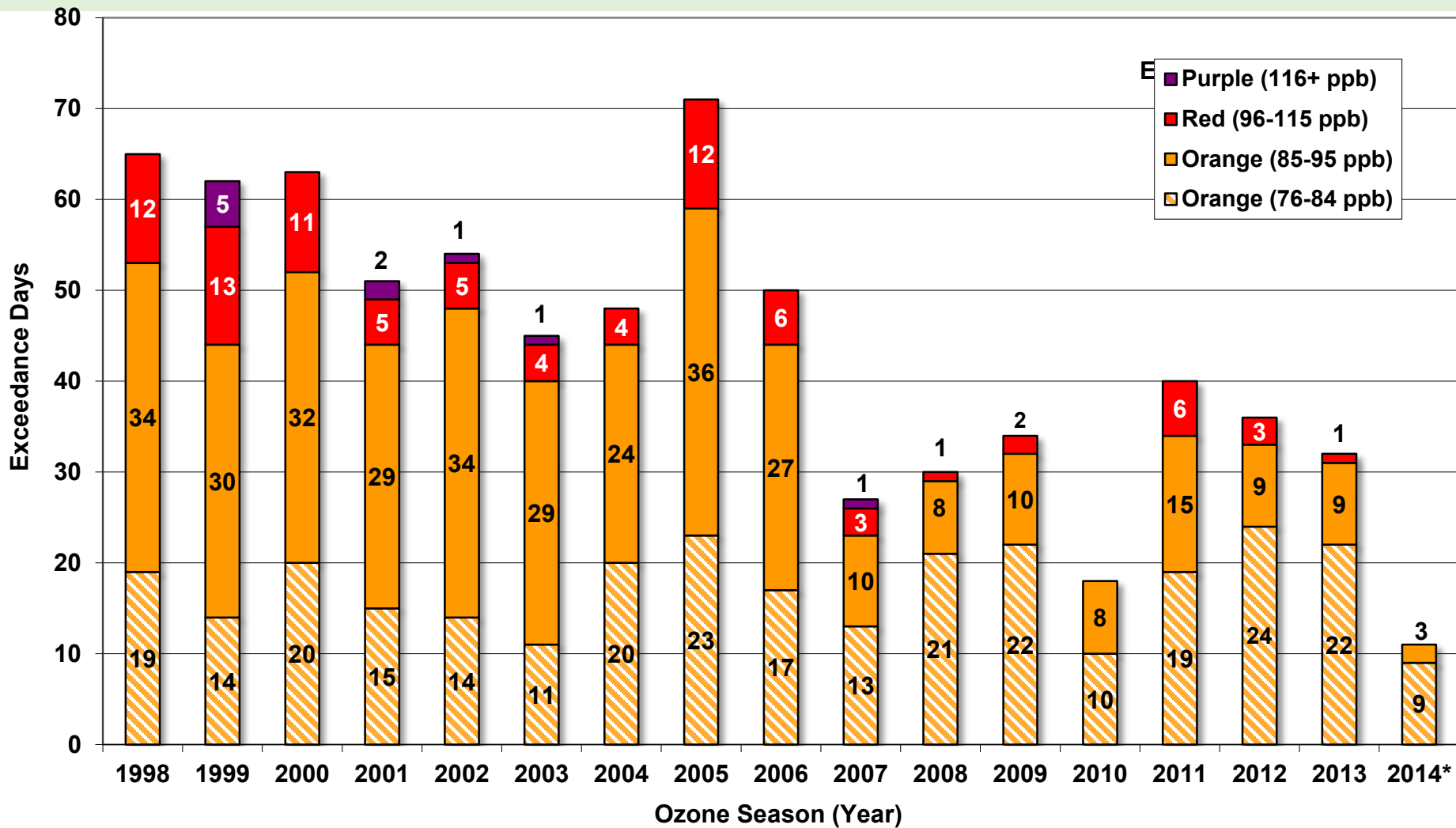
EMISSION SOURCES

Nitrogen Oxides (NO_x)



Total NO_x = 370 tons per day (tpd)

OZONE EXCEEDANCE DAYS




Exceedance Level indicates daily maximum 8-hour average ozone concentration. Exceedance Levels are based on Air Quality Index (AQI) thresholds established by the EPA for the for the revised ozone standard of 75 ppb.

*Not a full year of data, current as of 9/29//2014

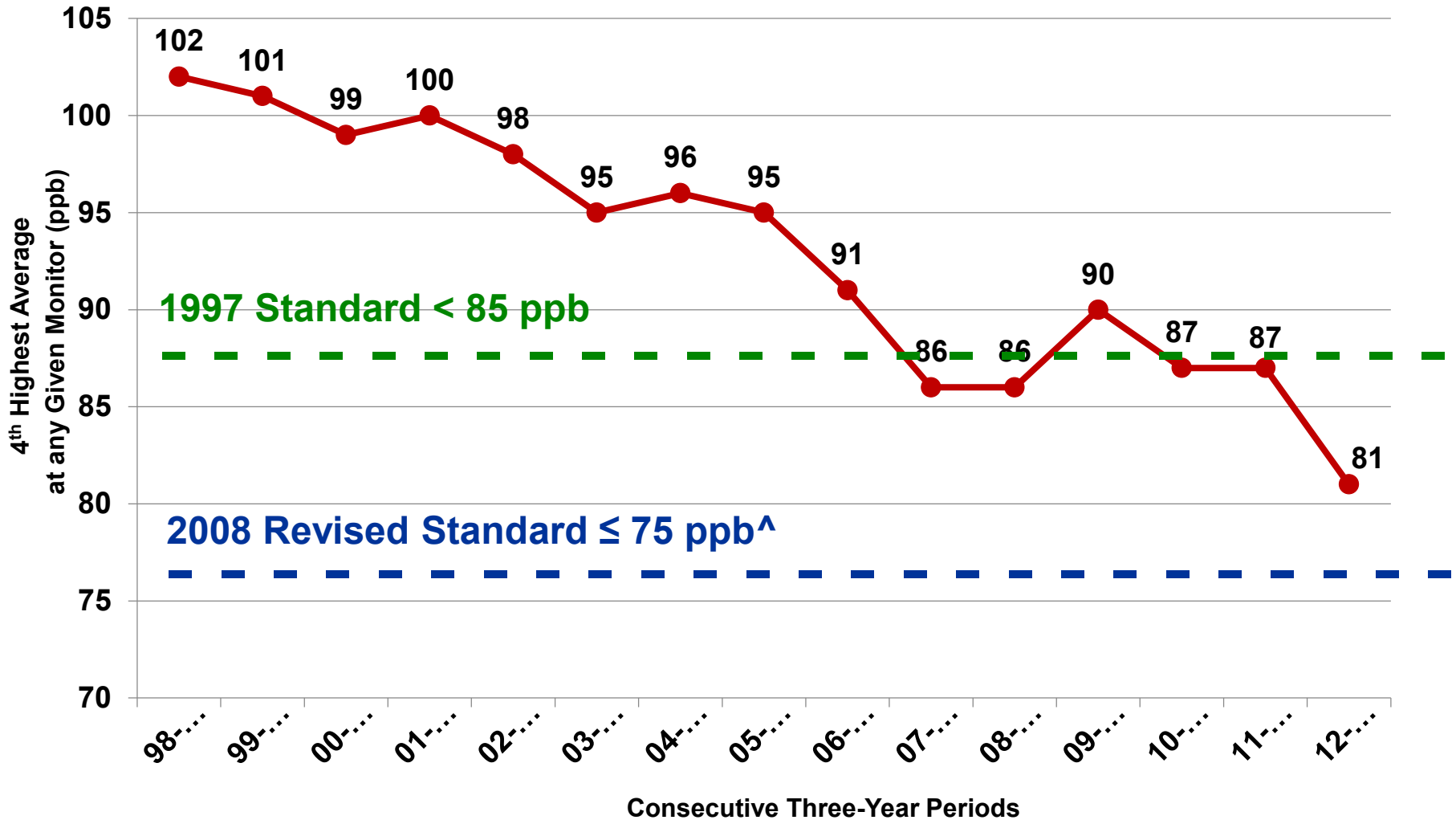
Note: The 2009-2013 data has been certified by TCEQ, and is currently undergoing review by the EPA for concurrence.

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

 = Additional level orange exceedance days under the revised standard that were not exceedances under the previous 84 ppb standard. (AQI level orange = 76-95 ppb)

2014 OZONE SEASON

8-Hour Ozone Historical Trends



^Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the three-year average of the annual fourth-highest daily maximum 8-hour average ozone concentration is equal to or less than 75 parts per billion (ppb).

*Not a full year of data, current as of 10/05/2014.

8-HOUR OZONE STANDARD TIMELINE

2008 = 8-Hour Ozone Standard Revised to 75 ppb

State Designation Recommendations Submitted to EPA; Hood County Considered for Inclusion into Nonattainment Area

**2010 = Reconsideration of Standard (60-70 ppb)
Standard Put On Hold (75 ppb)**

**2011 = Withdrawal of Reconsideration (60-70 ppb)
Standard Resumed (75 ppb)**

2012 = Final Designations by EPA, Wise County Added to Nonattainment Region

2013 = Conformity Determination

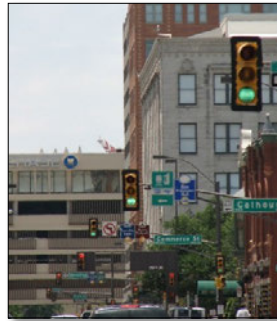
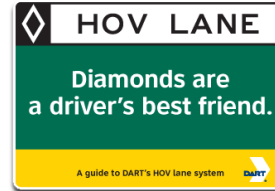
2015 = State Submits State Implementation Plan (SIP) to EPA

**2018 = “Moderate” Attainment Deadline
(2016-2018 Ozone Data)**

2015 SIP TIMELINE

- April 20, 2014 = Deadline for Submitting Control Measure Ideas for RACM 8-Hour Ozone Standard Revised to 75 ppb**
- May – August 2014 = TCEQ Technical Work Finalized**
- December 2014 = Public Comment Period Begins**
- January 2015 = Public Hearings**
- June 2015 = TCEQ Commissioners Adopt the SIP**
- July 20, 2015 = Deadline for State to Submit SIP to EPA**
- Various = Quarterly Public Air Quality Technical Committee Meetings Hosted by NCTCOG (Next Meeting – August 2014)**

AIR QUALITY PROGRAMS



tryparkingit.com



Don't Choke, Call #SMOKE



AIR NORTH TEXAS



go green. breathe clean.



cooped up?

Elevated air pollution could mean you have to avoid the outdoors and play inside. Help improve air quality for all by doing something to reduce emissions, such as carpooling or using mass transit. Commit to these actions and learn how you can improve our air at www.airnorthtexas.org.



cooped up?

Elevated air pollution could mean your kids have to avoid the outdoors and play inside. Help improve air quality for all by doing something to reduce emissions, such as carpooling or using mass transit. Commit to these actions and learn how you can improve our air at www.airnorthtexas.org.

CLEAN AIR STRATEGIES

Organizations/Businesses/Governments

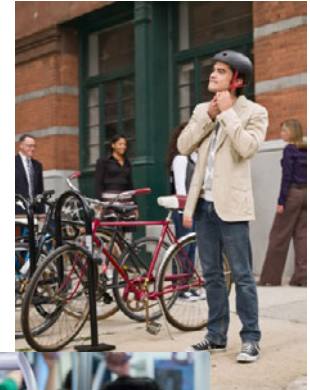
Move construction activities to evening hours

Postpone mowing to a day with healthy air

Conserve electricity

Coordinate on-site employee lunches

Purchase clean vehicles/DFW Clean Cities



Individuals

Bicycle or walk

Use mass transit or rideshare

Telecommute



8-HOUR OZONE STANDARD

Looking Towards the Future

CAA last revised in 1990

Ozone standards reviewed and/or updated every 5 years

CAA needs to be updated to account for new rules and regulations

EPA is finalizing a 5 year review of the 8-hour ozone standard

Proposed standard must be released by December 1, 2014

New standard must be finalized by October 1, 2015

60 – 70 ppb recommended by the Clean Air Scientific Advisory Committee

Challenges for DFW Region

Population increasing

Vehicle Miles of Travel increasing

Background ozone levels ~45-55 ppb during ozone season

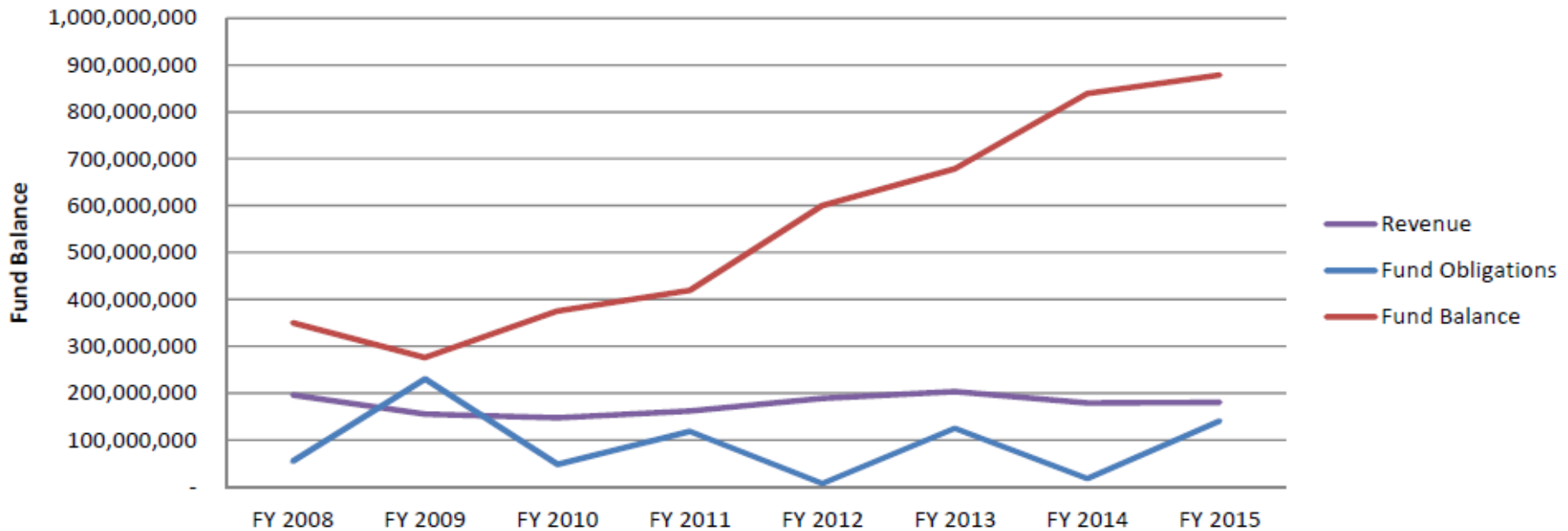
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LEGISLATIVE UPDATE

TERP REVENUE & FUND BALANCE

Fiscal Years 2008 – 2015

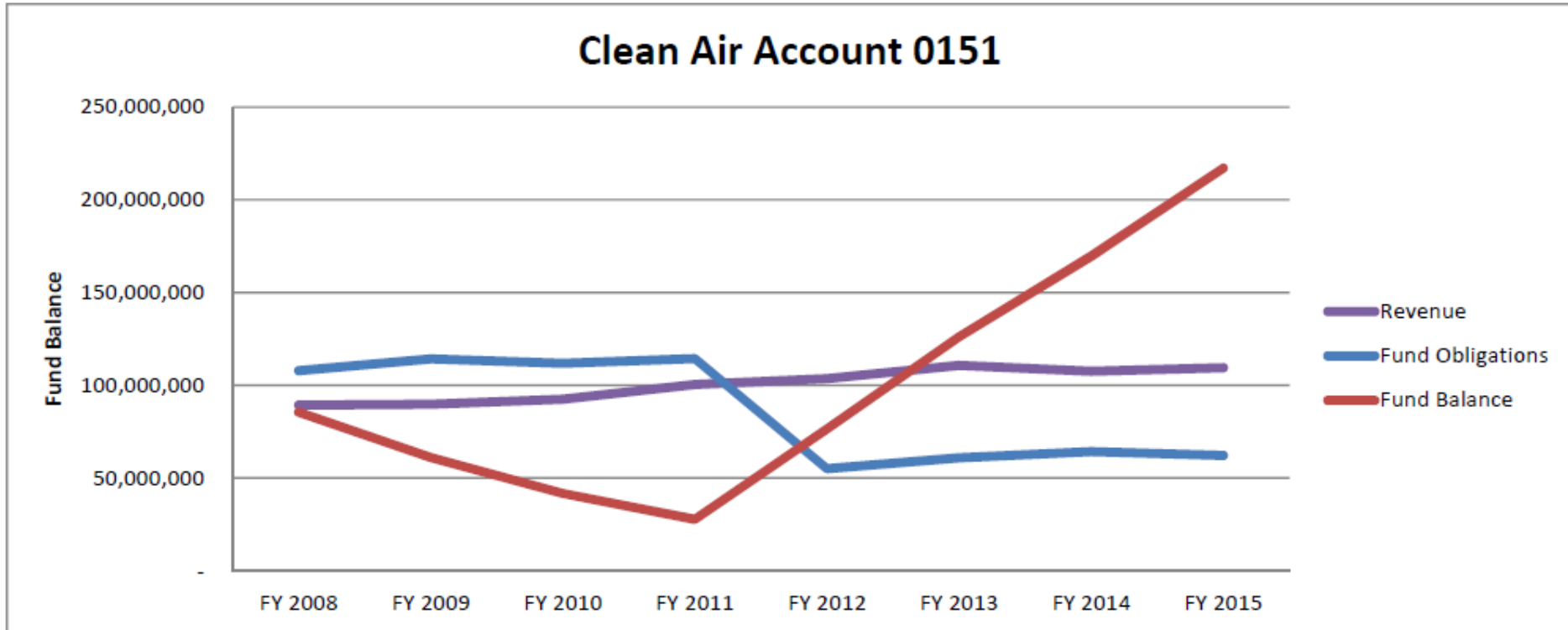
Texas Emissions Reduction Plan Account 5071



Source: Texas Commission on Environmental Quality;
House Select Committee on Transportation Funding,
Expenditures & Finance; August 5, 2014

ACCOUNT 0151 REVENUE & FUND BALANCE

Fiscal Years 2008 – 2015*



*Includes Funding for LIRAP ([Low-Income Vehicle Repair & Replacement Assistance Program](#)) and LIP (Local Initiative Projects)

Source: Texas Commission on Environmental Quality; House Select Committee on Transportation Funding, Expenditures & Finance; August 5, 2014

MOVING FORWARD

Proposed Regional Transportation Council Program Positions

POSITION 1: Seek Full Funding of LIRAP/LIP Funds

Reach Out to State Legislators to Encourage Full Appropriation

POSITION 2: Expand Eligibility for Broader Reach

40% Funds: LIRAP

60% Funds: Transportation System Improvements and Traditional LIP-Type Projects

POSITION 3: Allow County Oversight of Project Selection

Counties Determine Fund Distribution

LIRAP – [Low-Income Vehicle Repair & Replacement Assistance Program](#)

LIP – Local Initiative Projects

DFW AIR QUALITY ROUNDUP

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