

# **AIR QUALITY STANDARDS AND REGIONAL ATTAINMENT STATUS**

Transportation Committee August 13, 2012

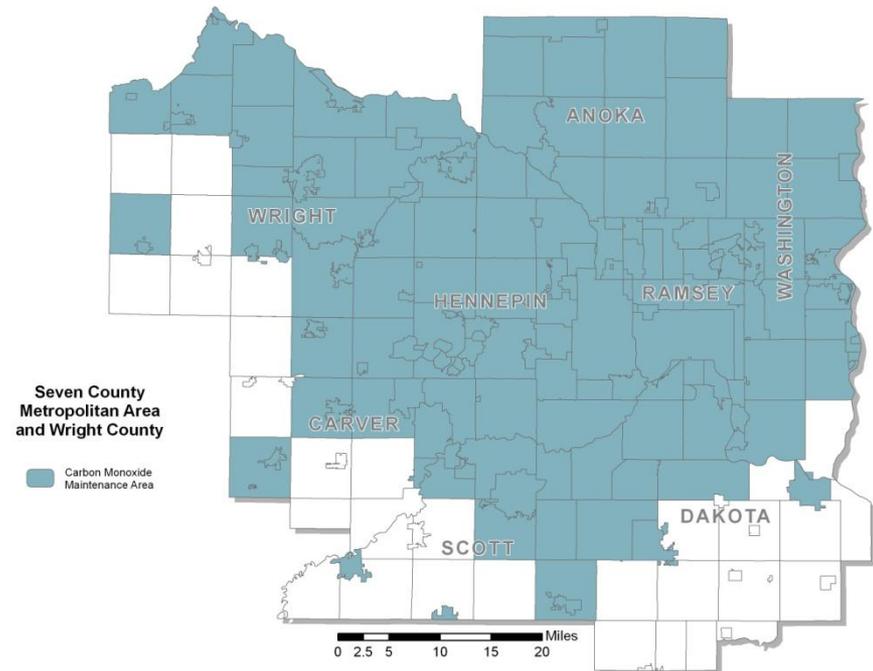


# National Ambient Air Quality Standards (NAAQS)

- Carbon Monoxide
- Lead
- Nitrogen Dioxide
- Ozone
- Particulate Matter
- Sulfur Dioxide

# Carbon Monoxide (CO) History

- Non-attainment in 1970s
- Last NAAQS violation – 1991
- Maintenance Area – 1999
- Anticipated attainment redesignation - 2019



# Emerging Issues: Ozone, PM2.5, and NO<sub>2</sub>

- O<sub>3</sub> and PM2.5: Monitoring data slightly better than NAAQS
- PM2.5: New standards expected this year
- NO<sub>2</sub>: New category of standards published in 2010, awaiting monitoring data

# Causes of Pollution

- Ozone
  - Transportation: ~25%
- PM2.5
  - Transportation: ~40%

# Regulatory Timelines for Nonattainment Designation

Initiate Process	MPCA monitoring shows violations of NAAQS
1 year	MPCA submits recommendation to EPA to redesignate as non-attainment
1 year	EPA designates non-attainment area through rulemaking
1 year	Transportation Conformity applies
6 months	State Implementation Plan (SIP) due: State plan to come back into attainment

# Consequences of Nonattainment

- State plan (SIP) would be developed to bring affected area back into attainment
- Transportation plan (TPP) and program (TIP) will be required to conform to SIP

# Ongoing Efforts

- MPCA - Analysis of air pollution causes
- Ozone Advance
- PM2.5 Advance