



# Georgia AWMA Regulatory Update April 23, 2010

Georgia EPD – Air Branch  
Jac Capp, Branch Chief

# Air Branch – Big Picture



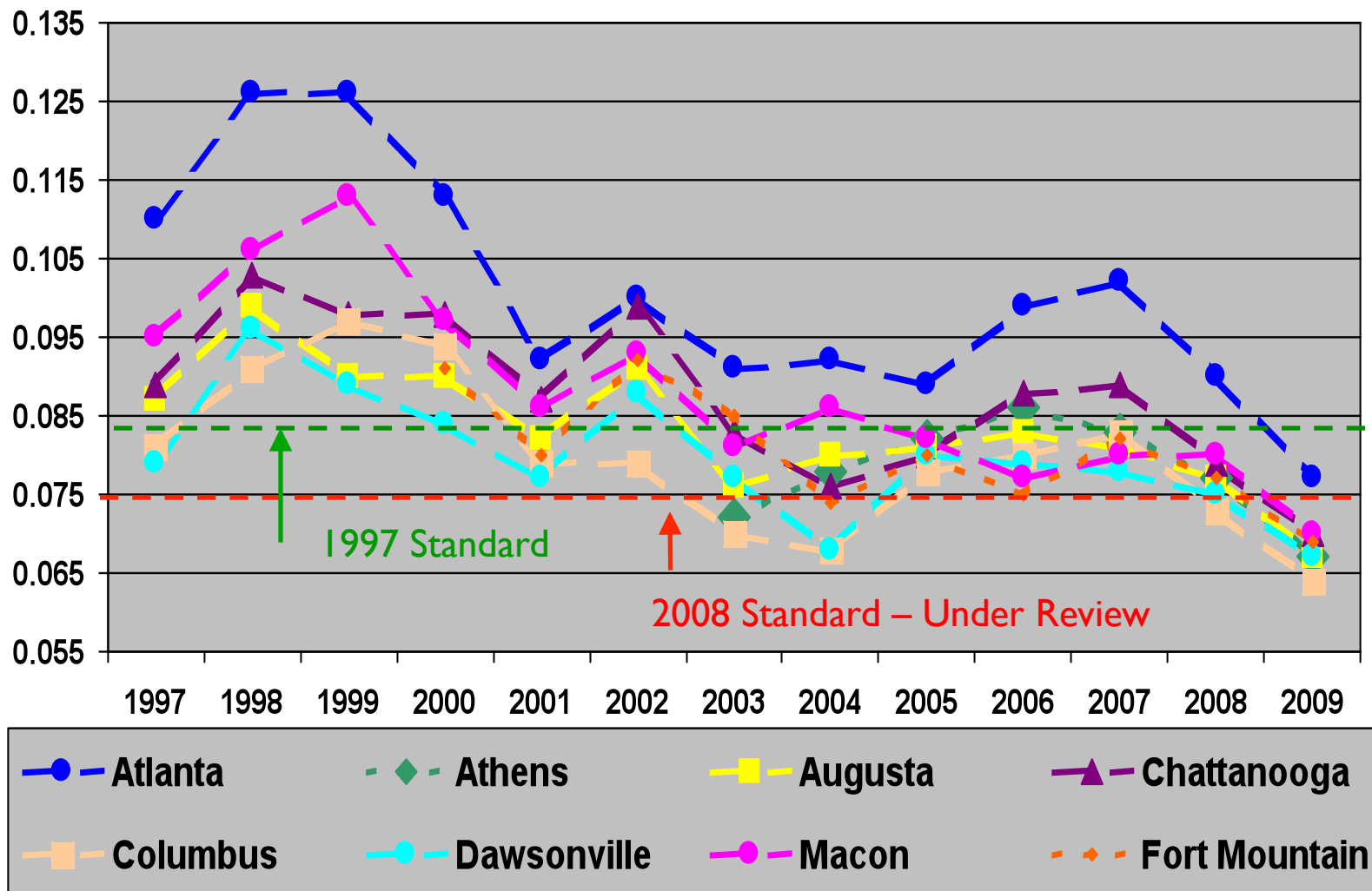
- GHG Legislation/Regulation/Permitting
- Industrial Boiler MACT, EGU MACT, Interstate Transport Rule
- Revision of NAAQS
  - PSD Permitting for More Stringent NAAQS (PM2.5, NO2, SO2)
  - Ozone Implementation
    - Compressed schedule for boundary recommendations, designations, and SIP submittal
    - Delays in Implementation Rule and Interstate Transport rule
- More Ambient Monitors
- State Budget (Furloughs, Vacant Positions)
- Funding
  - Section 103/105 Federal Grant
    - Reallocation
    - Potential Increase in Base, GHG, and Monitoring
  - Declining Emissions = Declining Title V Permit Fees

# SIP Development

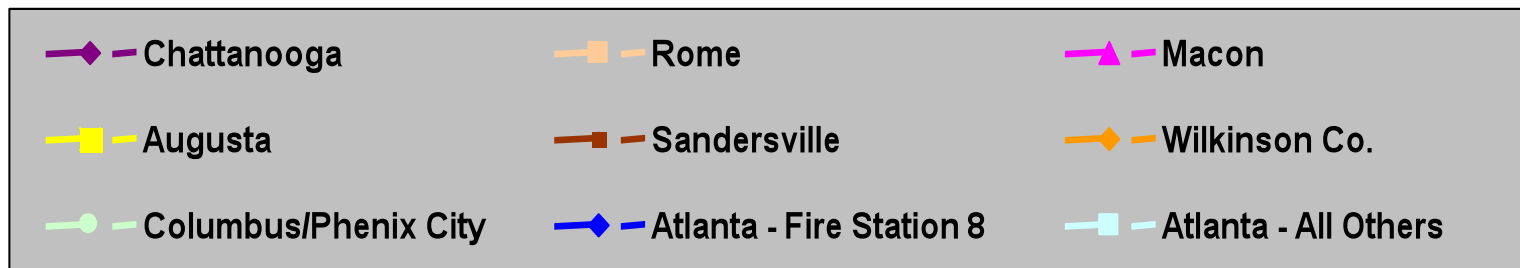
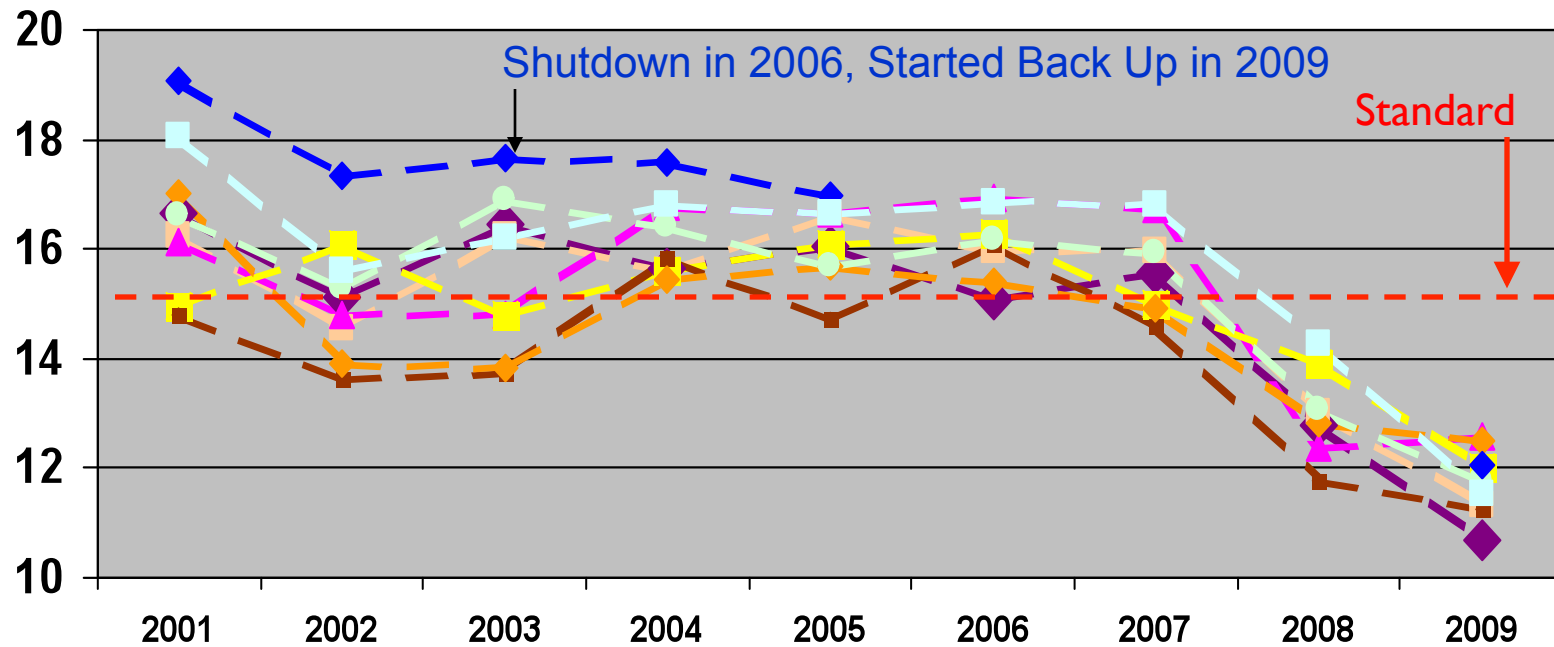


- **PM<sub>2.5</sub> (15 ug/m<sup>3</sup> Annual Standard)**
  - 2010 Attainment Date based on CY2007-2009 data
  - Macon: Final Submitted to US EPA 8/17/09
  - Floyd: Final Submitted to US EPA 10/27/09
  - Walker/Catoosa: Final Submitted to US EPA 10/27/09
  - Atlanta: Draft issued. Requested 2013 Attainment Date based on CY2010-2012 data
    - Public notice published 4/11/10
    - Public hearing and comment deadline 5/11/10
- **Ozone (84 ppb)**
  - Atlanta (Moderate): Final submitted to US EPA 9/8/09
  - Attainment date was June 2010 (based on 2007-09 ozone seasons).  
1-year extension will be requested based on Clean Data during 2009 ozone season.
- **Regional Haze: Final submitted to US EPA 2/11/10**
- **Transportation Conformity: Draft issued**
  - Public hearing 4/6/10, Comment Deadline 4/20/10

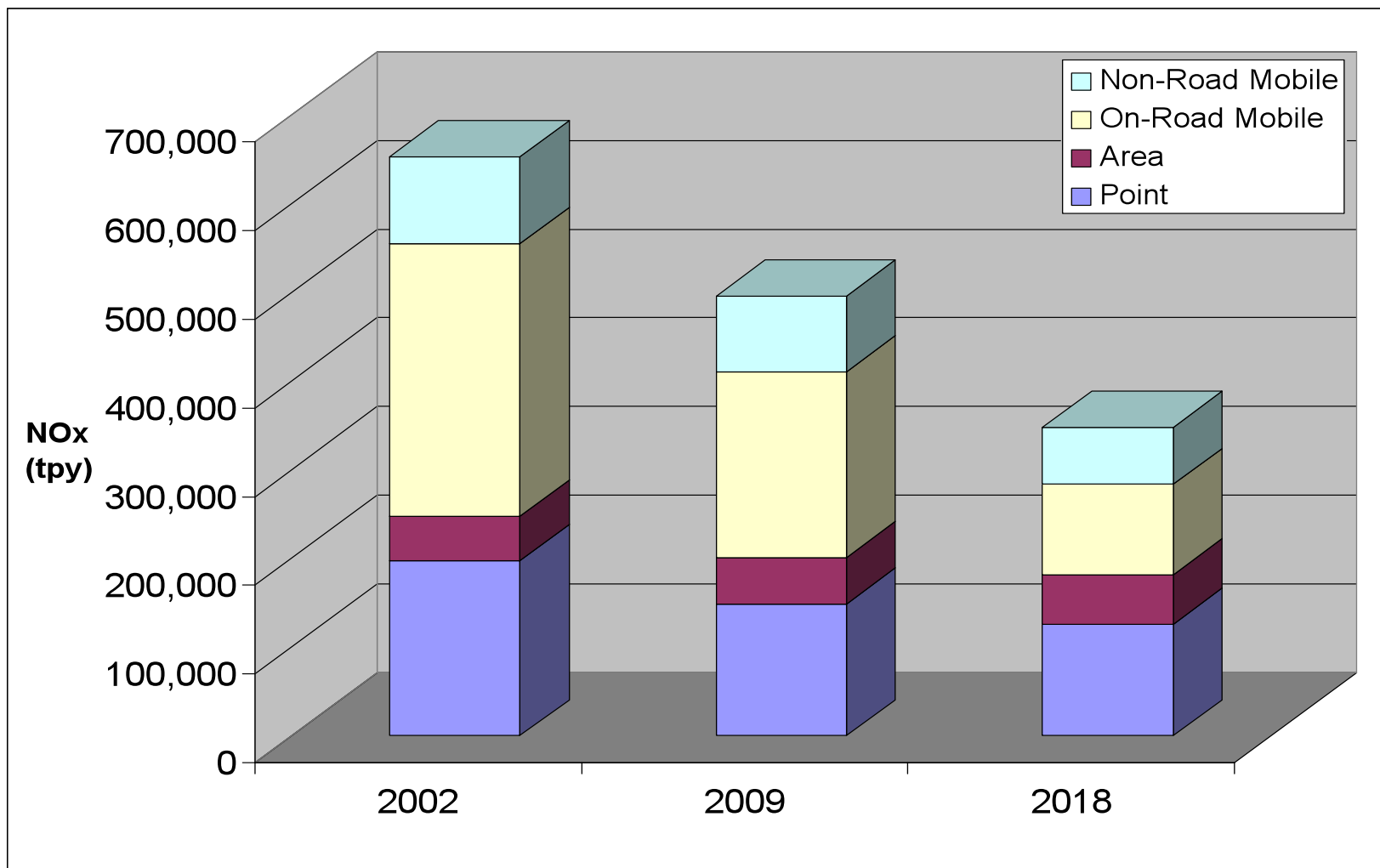
# 8-hr Ozone - Yearly 4<sup>th</sup> Highest (ppm) Highest Monitor in Area



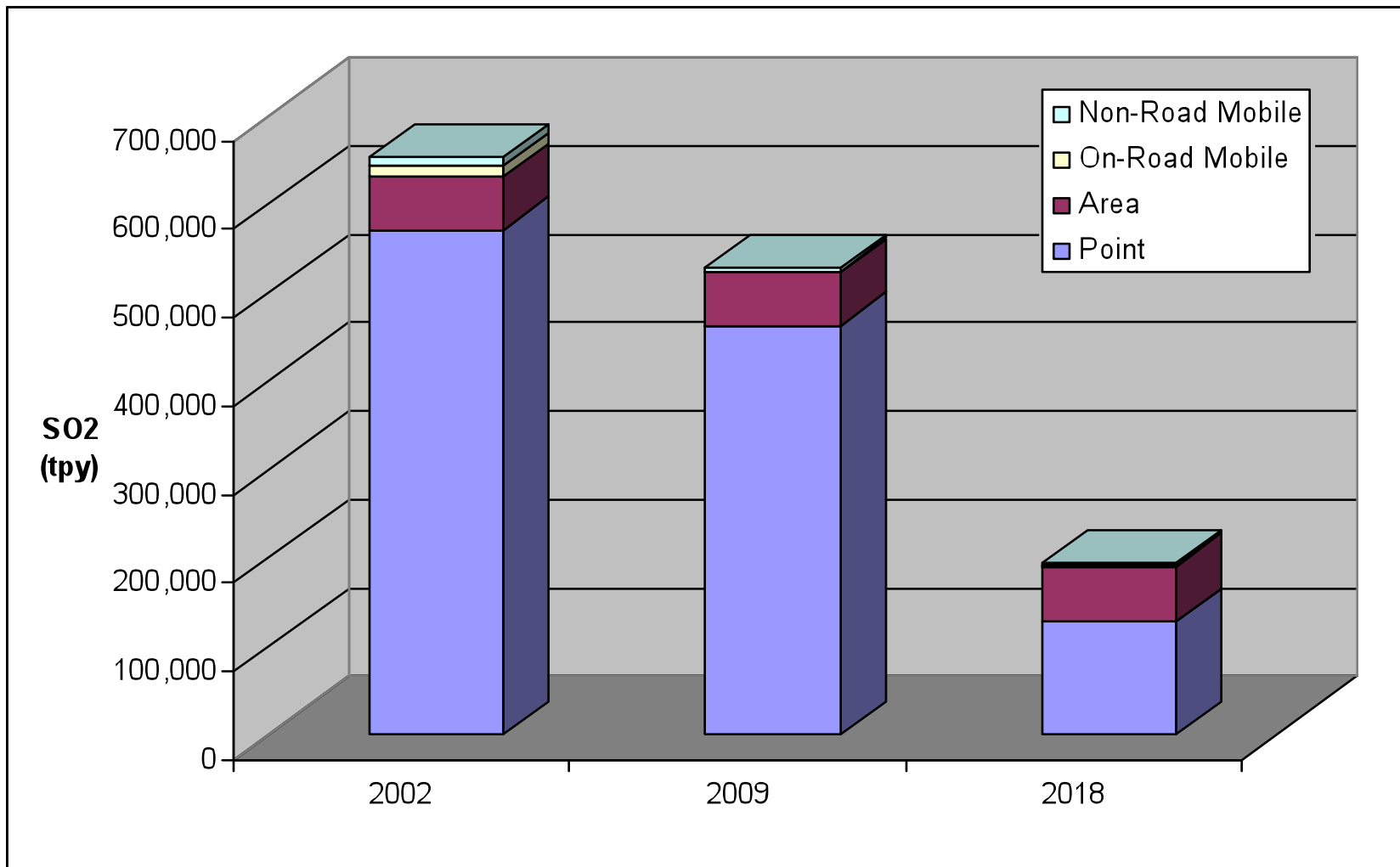
# PM<sub>2.5</sub> - Annual Average ( $\mu\text{g}/\text{m}^3$ ) Highest Monitor in Area



# Statewide NOx Emissions



# Statewide SO2 Emissions



# Permit Fees – Proposed Changes

- Fee Rule for CY2009 Fees (Due September 2010) proposed in February. Plan to Finalize in May.
  - No changes in Fee rates (3<sup>rd</sup> year at same fee rates for Title V, NSPS, SM fees)
  - Additional Administrative Fee for late submittals
  - Beginning with CY2009 fees, new owner would be responsible for payment of past due fees, including any administrative fees

# Permit Fees – Proposed Changes

## Administrative Fee



- For CY2009 and prior calendar year fees
  - 0.05% of fee due x number of calendar days past October 1, 2010
    - 0.05% = 18.25% on annual basis
  - No Administrative Fee if received on or prior to October 1, 2010
- CY2010 and beyond fees
  - Fee and calculations based on October 1 of year fee reports due
- Provides incentive for timely submittal
- Other southeast states have similar fees

# Permit Fees – Past Due Fees



- Letters sent to ~ 270 facilities in March regarding possible past due fees
- EPD requested payment or documentation that no fee was owed
- If payment has not been received or sufficient documentation submitted, then NOVs are likely to issued by the end of May

# Timeline: Rule 391-3-1-.02(2)(sss), “Multipollutant Control for Electric Utility Steam Generating Units”



## 1. Effective December 31, 2008:

- (i) Bowen Unit 4: SCR and FGD.
- (ii) Bowen Unit 3: SCR and FGD.
- (iii) Wansley Unit 1: SCR and FGD.
- (iv) Hammond Unit 1: FGD.
- (v) Hammond Unit 2: FGD.
- (vi) Hammond Unit 3: FGD.
- (vii) Hammond Unit 4: SCR and FGD.
- (viii) Yates Unit 1: FGD.

## 2. Effective June 1, 2009:

- (i) Bowen Unit 2: SCR and FGD .
- (ii) Scherer Unit 2: sorbent injection and a baghouse.
- (iii) Scherer Unit 3: sorbent injection and a baghouse.

## 3. Effective December 31, 2009:

- (i) Scherer Unit 1: sorbent injection and a baghouse.
- (ii) Wansley Unit 2: SCR and FGD.

## 4. Effective April 30, 2010:

- (i) Scherer Unit 4: sorbent injection and a baghouse.

## 5. Effective June 1, 2010:

- (i) Bowen Unit 1: SCR and FGD.

## 6. Effective December 31, 2011:

- (i) Scherer Unit 3: SCR (ozone season), FGD, sorbent injection, and baghouse;
- (ii) McDonough Unit 2: SCR and FGD.

## 7. Effective April 30, 2012:

- (i) McDonough Unit 1: SCR and FGD.

## 8. Effective December 31, 2012:

- (i) Scherer Unit 4: SCR (ozone season), FGD, sorbent injection, and baghouse,

## 9. Effective December 31, 2013:

- (i) Branch Unit 3: SCR and FGD.
- (ii) Scherer Unit 2: SCR (ozone season), FGD, sorbent injection, and baghouse,

## 10. Effective June 1, 2014:

- (i) Branch Unit 4: SCR and FGD.

## 11. Effective December 31, 2014:

- (i) Branch Unit 1: SCR and FGD.
- (ii) Branch Unit 2: SCR and FGD.
- (iii) Scherer Unit 1: SCR (ozone season), FGD, sorbent injection, and baghouse;

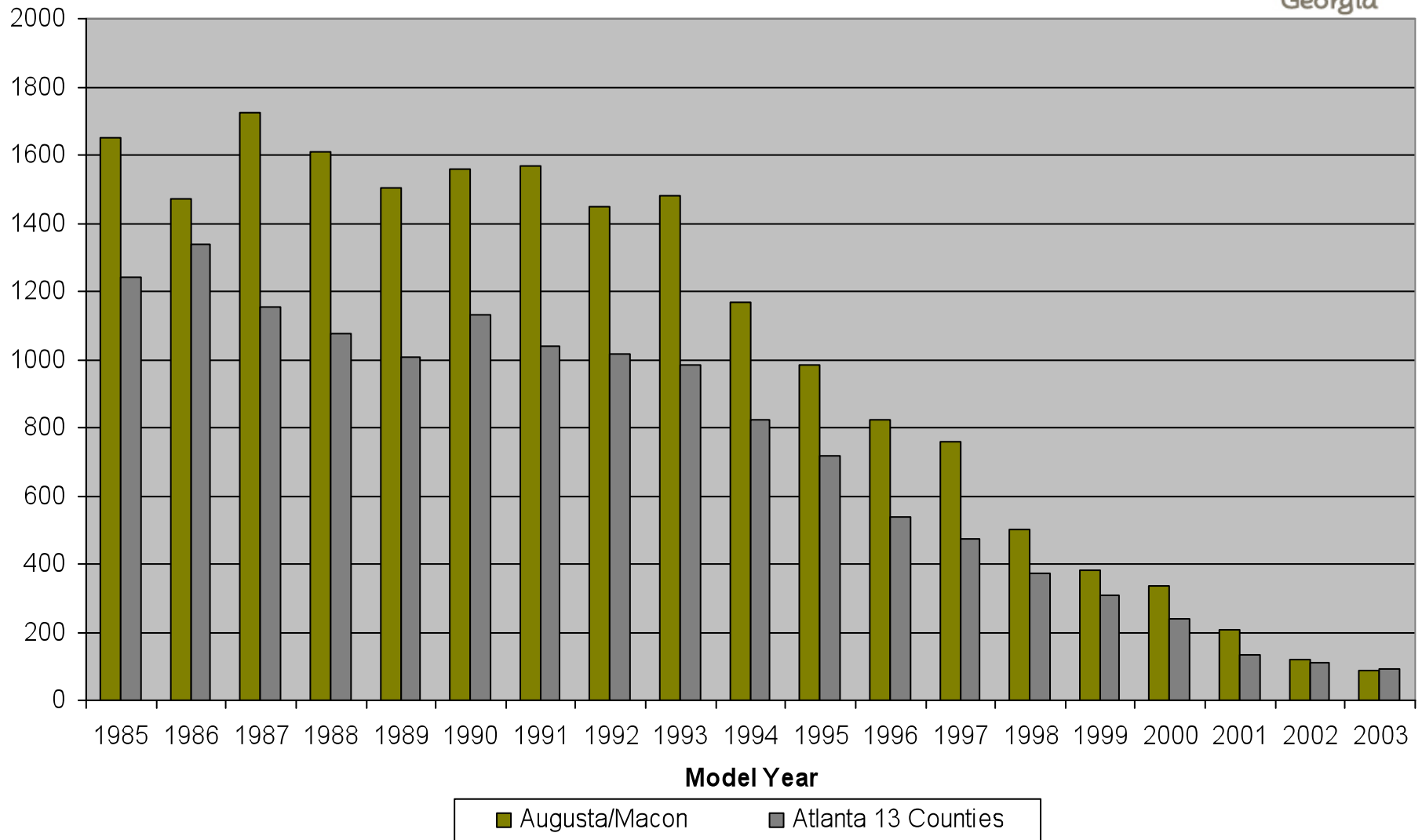
## 12. Effective June 1, 2015:

- (i) Yates Unit 6: SCR and FGD.
- (ii) Yates Unit 7: SCR and FGD.

## Mean NOx Comparison for Atlanta 13 Counties Inspected Fleet vs Augusta/Macon Noninspected Fleet. Cars Only.



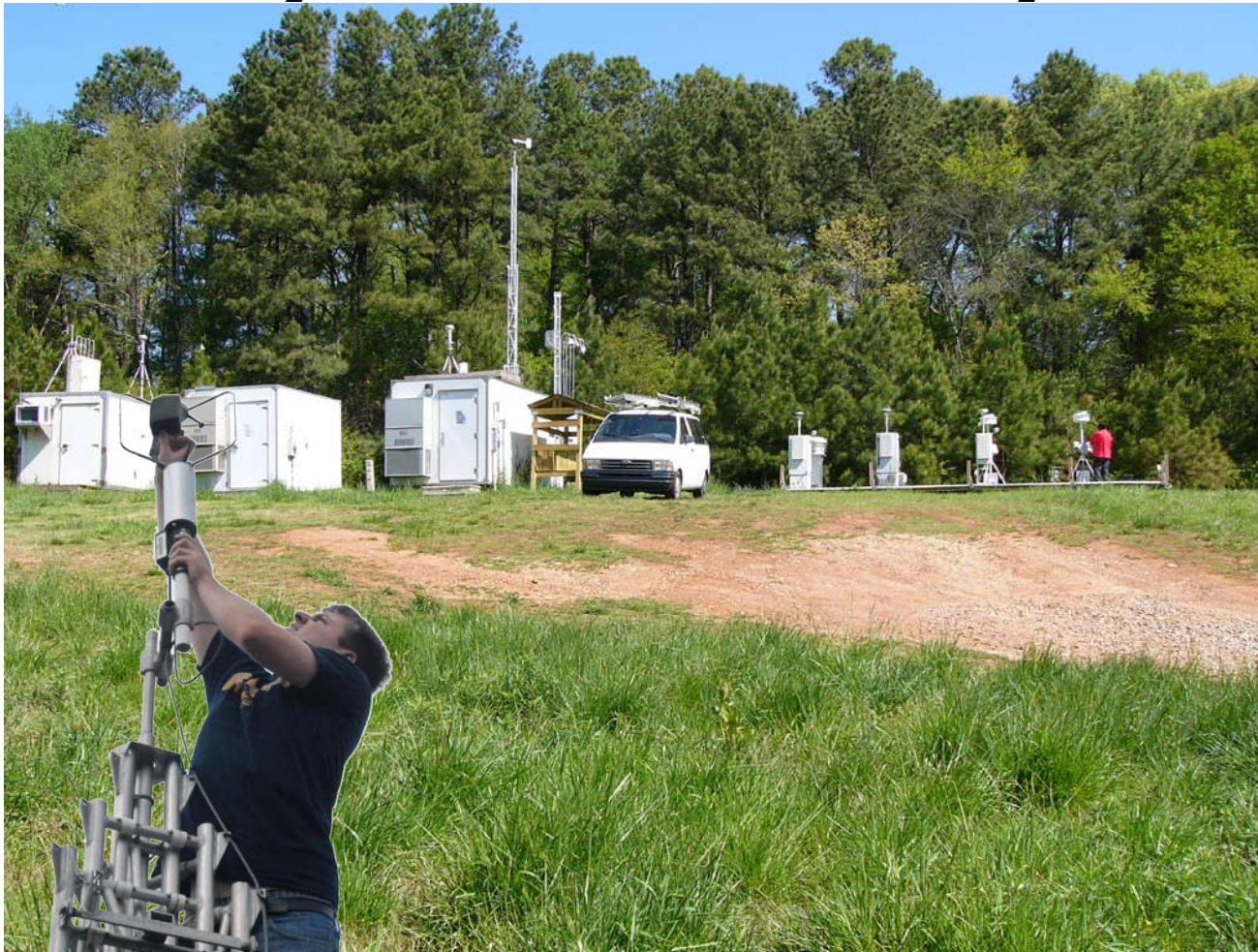
ppm



# More Ambient Monitors



- EPA is requiring us to add more ozone (~8) (startup 2012), lead (~2), SO<sub>2</sub> (~9) (startup 2013), and NO<sub>2</sub> (~4) (startup 2013) monitors.





Questions?