



Ozone Standard Update

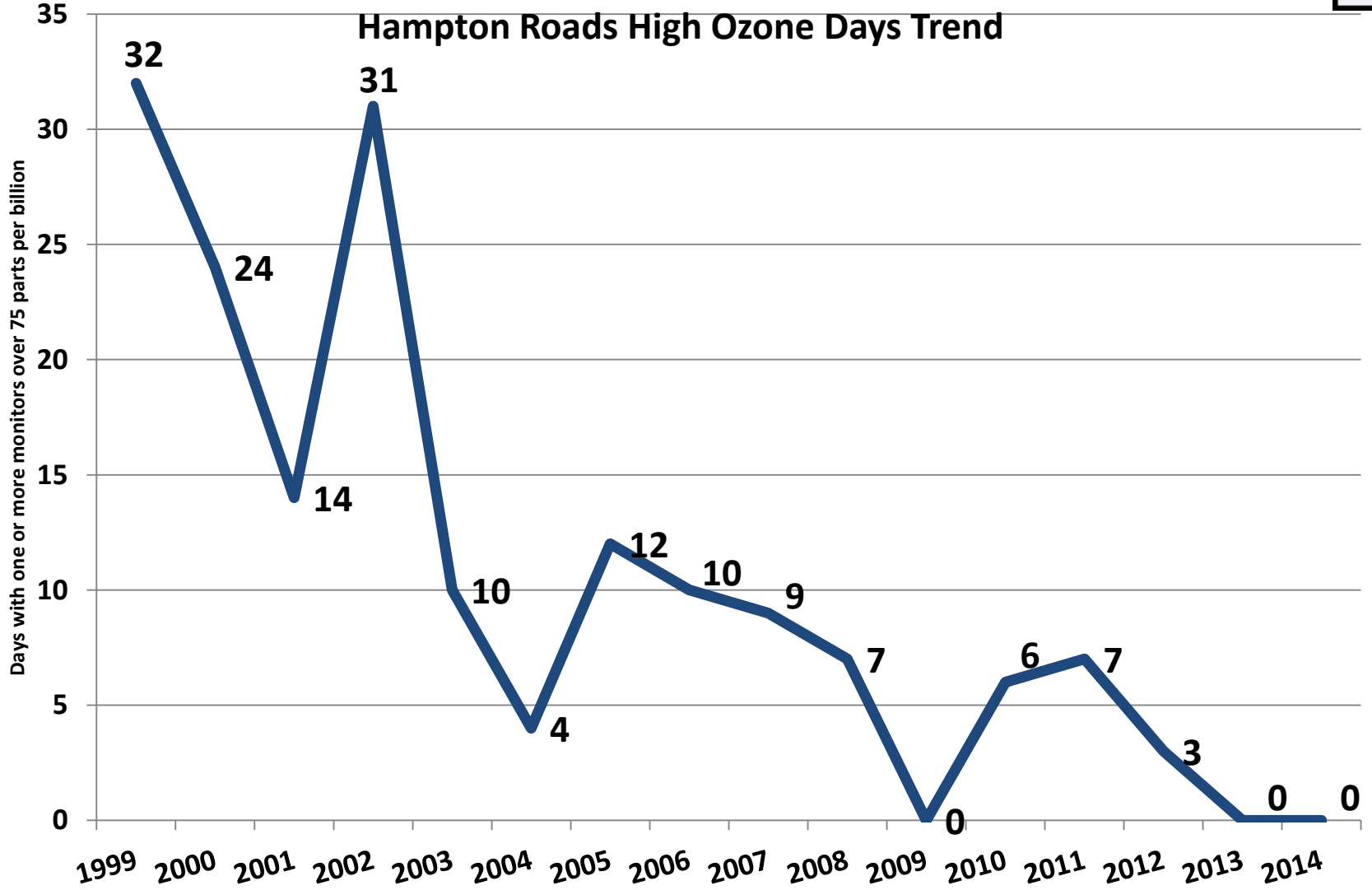


**Hampton Roads Transportation Technical
Advisory Committee Meeting – April 1, 2015**

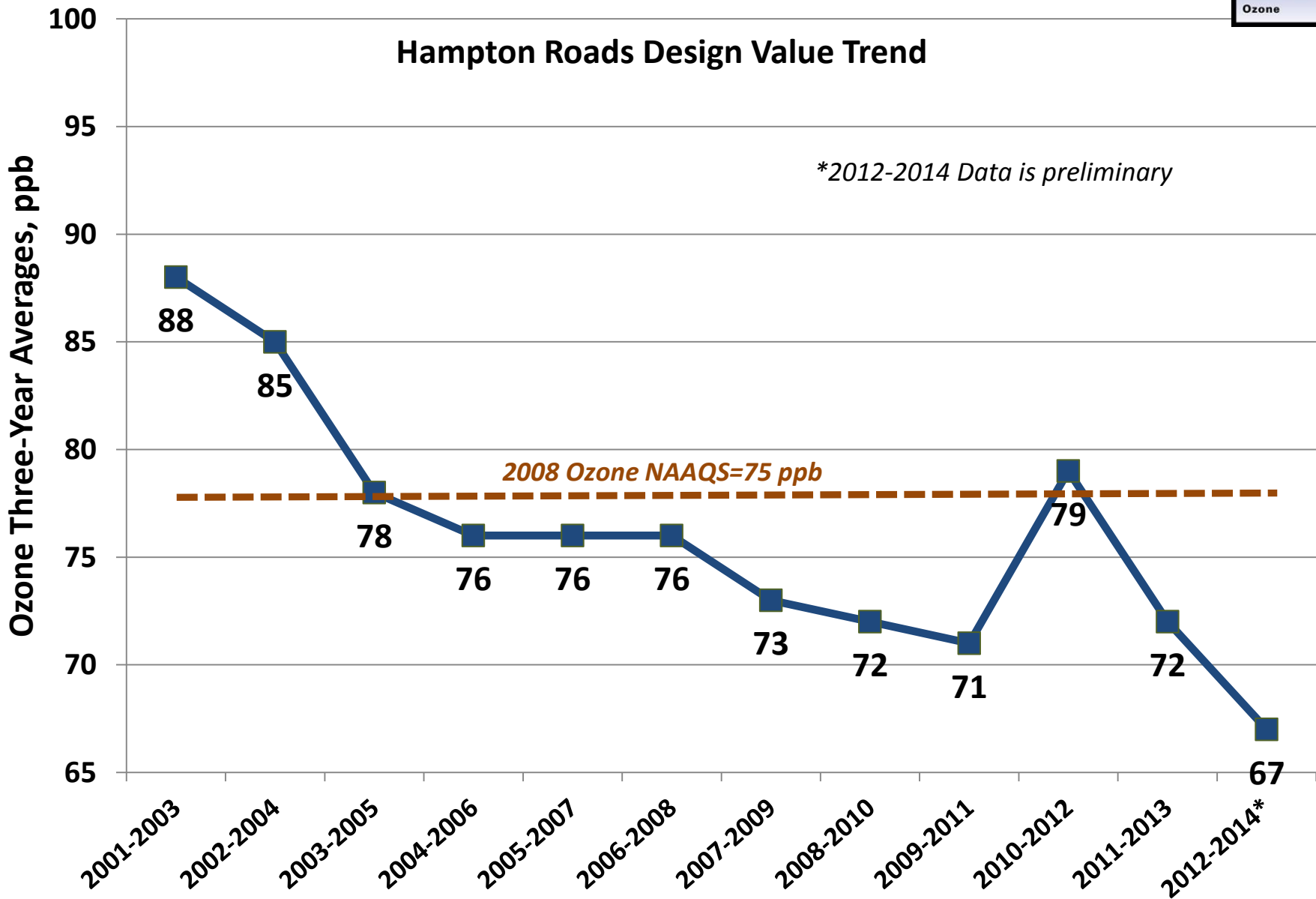
Ozone Standard Update

- Progress in ozone air quality
- EPA ozone Standard proposal
- Hampton Roads ozone advance plan
- Future air quality and emissions projections

Progress to date



Progress to date...



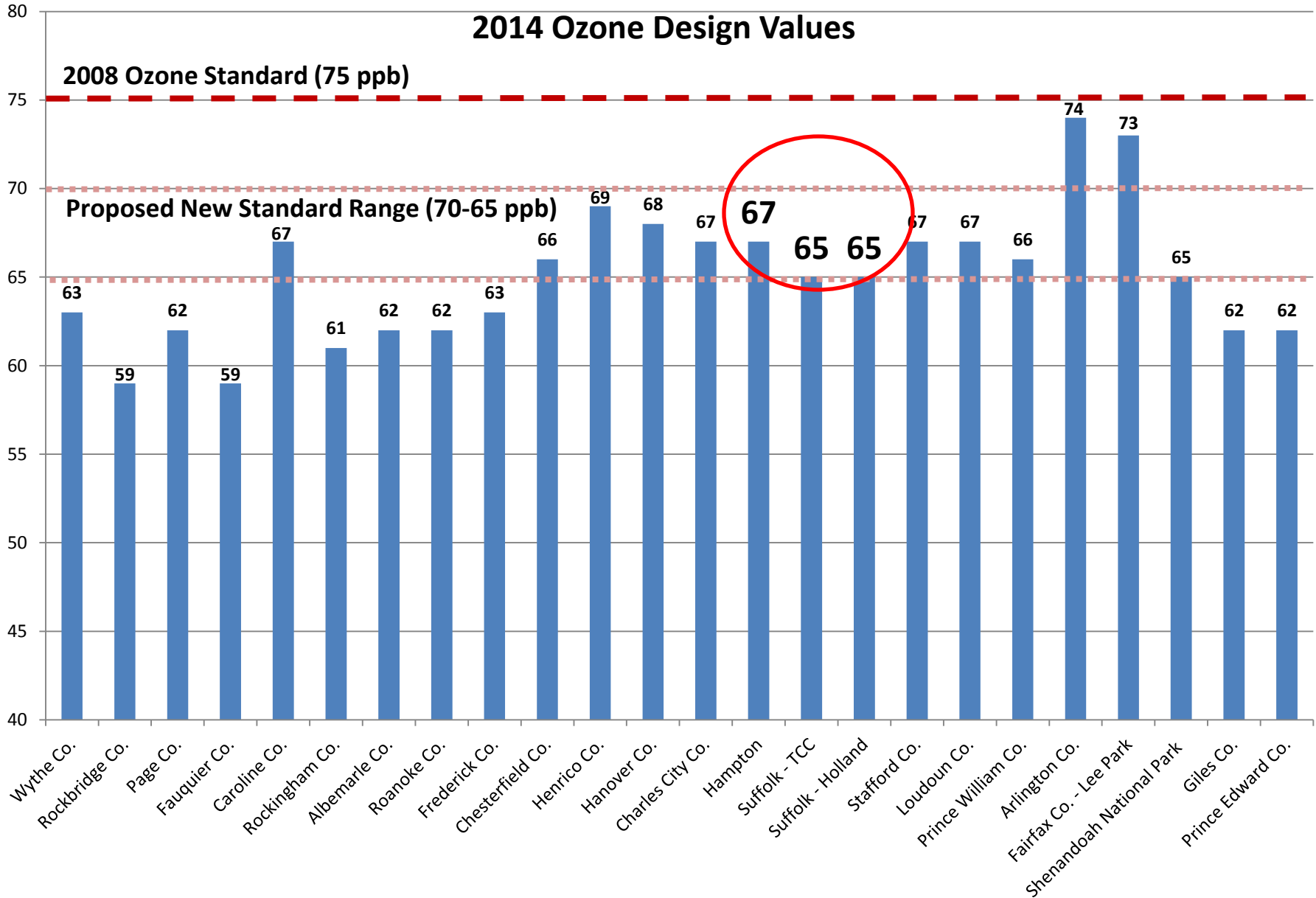
EPA Ozone Standard Proposal

- 12/17 proposal to lower the ozone standards:
 - Lower the primary standard to 65 - 70 ppb
 - Set secondary welfare standard at the same level
 - Comment requested on larger range (60 – 70 ppb) and alternate seasonal secondary standard
- Based on most recent scientific evidence
- VA comment letter on the proposal:
 - New standard should be no lower than 70 ppb
- Final standard expected in October 2015

Impact on Hampton Roads



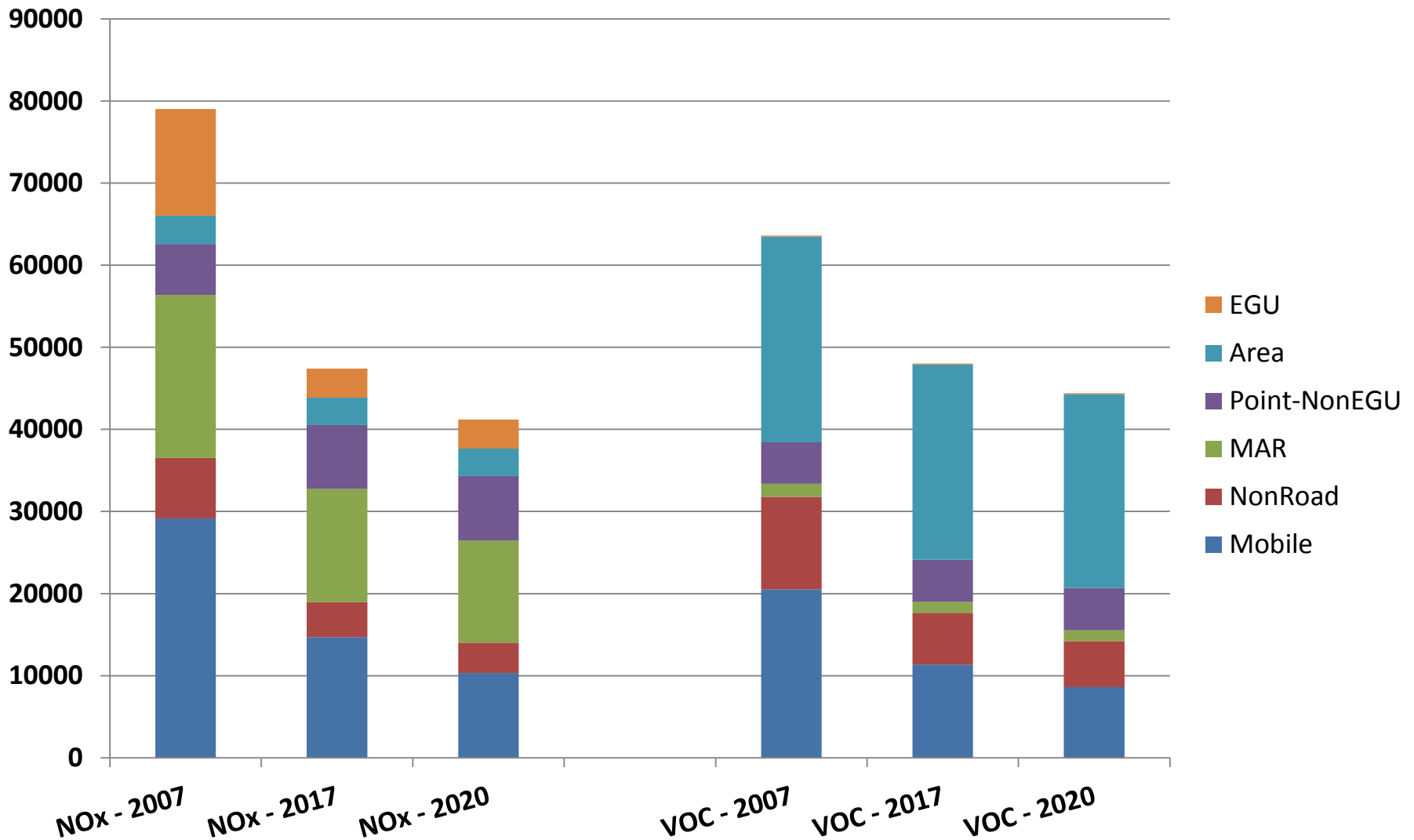
2014 Ozone Design Values



Hampton Roads Ozone Action Plan

- Approved and submitted to EPA on 4/23/13
- Proactive voluntary air quality improvements:
 - Power plant closures & fuel conversions
 - Port initiatives (“green operator” program, low sulfur fuels, cargo handling)
 - I-64 express barge service
 - “The Tide” light rail line
 - Renewable energy & energy efficiency programs
 - And many others...

Hampton Roads Emission Reductions



Summary

- Much progress has been made in reducing ozone levels in Hampton Roads
 - Currently in compliance with current standard
 - Close to compliance with the new standard range
- Continued air quality improvement & emissions reductions are expected
- Hampton Roads is well positioned moving forward