



**Department of
Environmental
Conservation**

Heavy Duty Omnibus Low NOx Rulemaking Workshop

James Clyne, P.E.

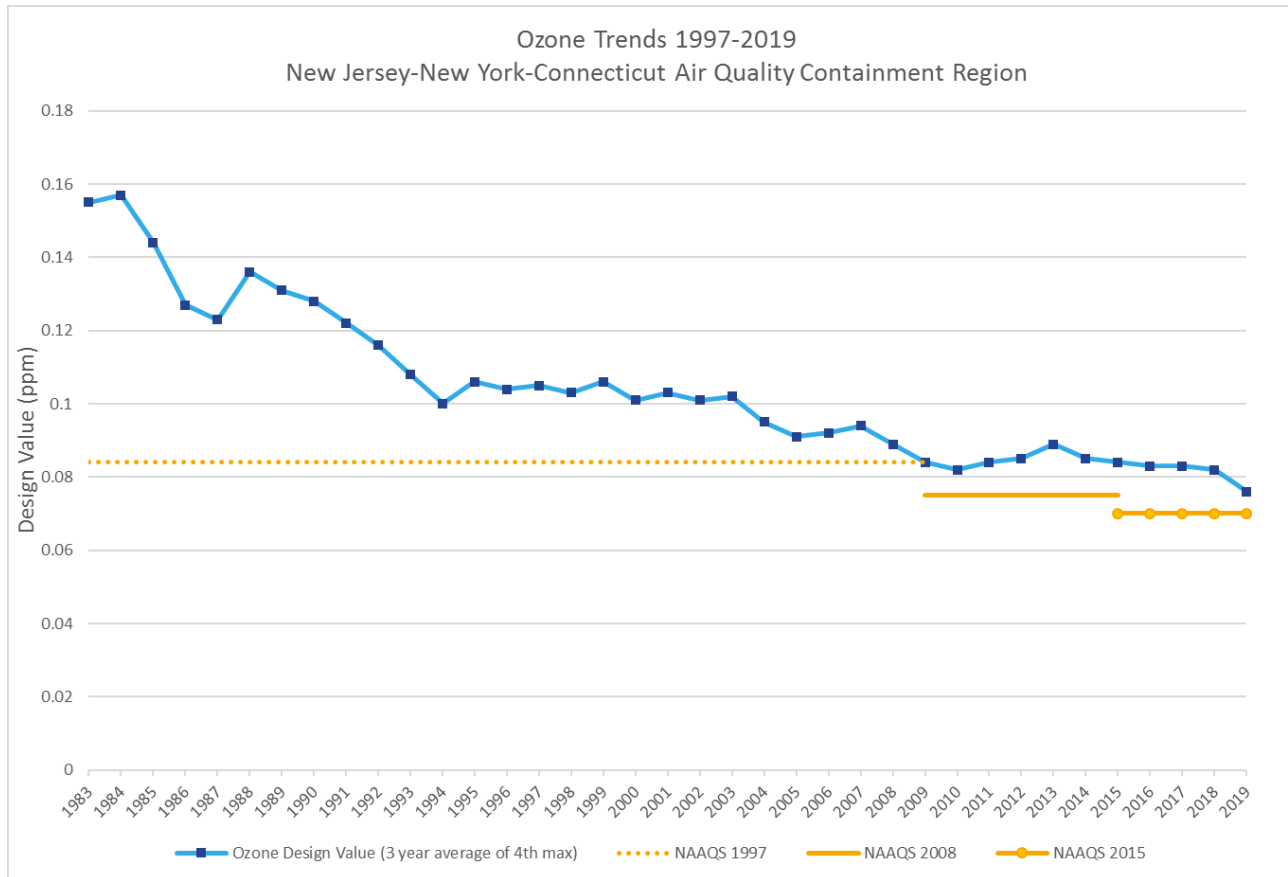
Director, Bureau of Mobile Sources and Technology Development

September 26, 2019

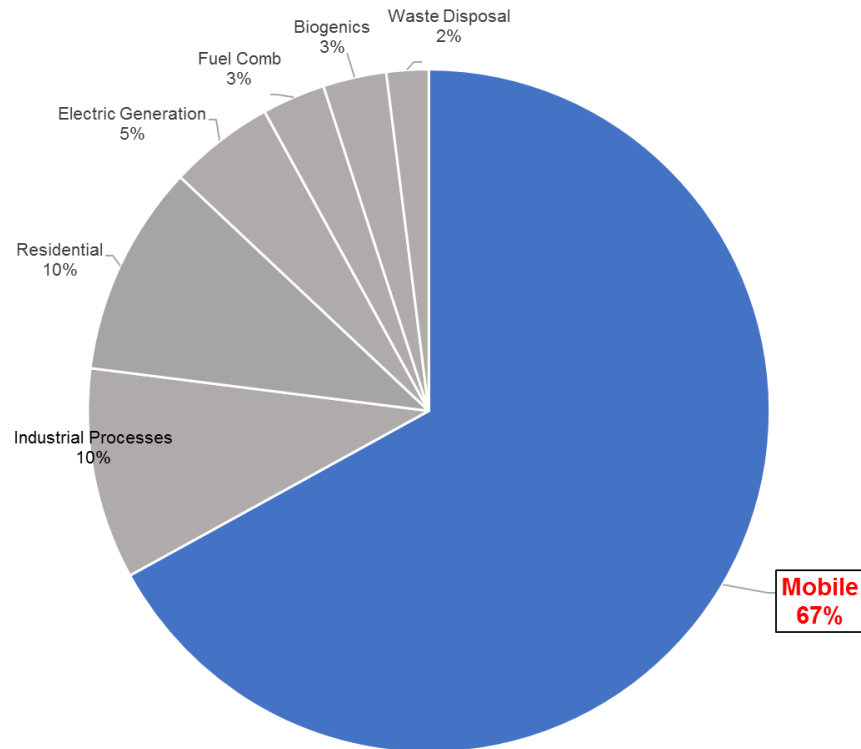
Background

- EPA last revised the HD NOx standards in 2001, fully phased-in 2010 MY
- Ultra-Low NOx for HD Petition to EPA (2016)
- Greater NY-NJ-CT metro area, missed 2008 8-hr attainment date (2018). Re-designated as serious nonattainment for ozone w/attainment date of 2021
- Greater NY-NY-NJ metro area 2015 8-hr attainment date of 2024
- MD and HD diesel trucks disproportionately contribute to NOx emissions





All NO_x Contributions in New York State (2014)

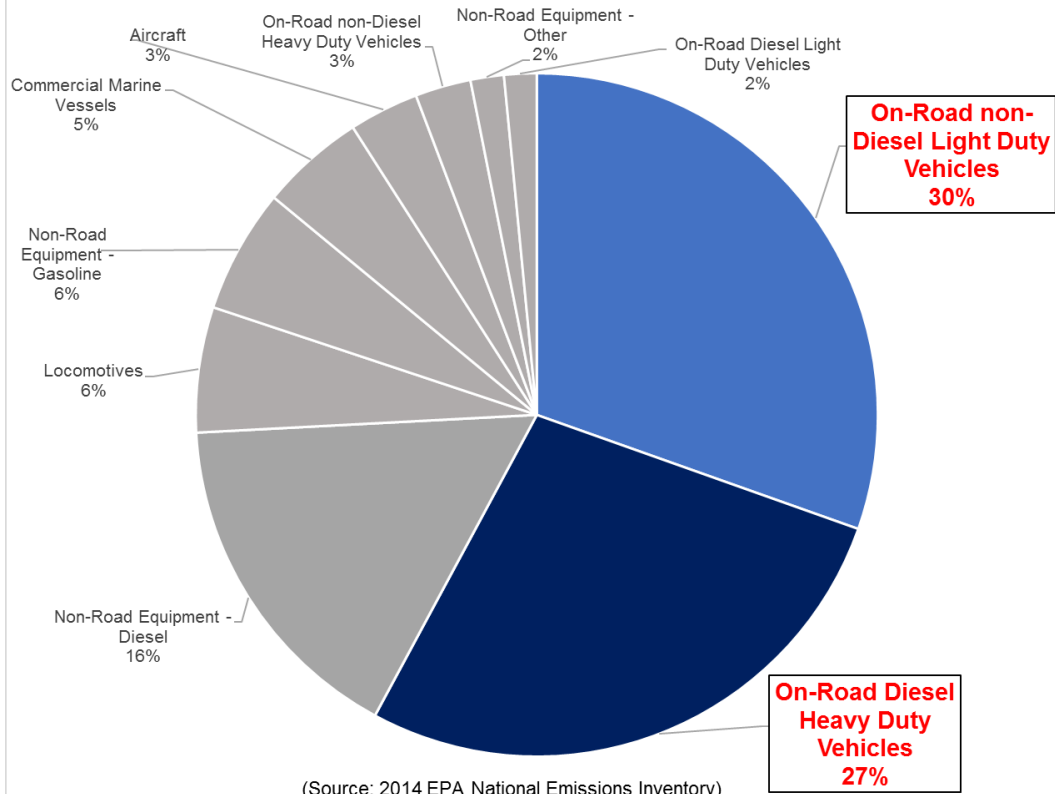


(Source: 2014 EPA National Emissions Inventory)

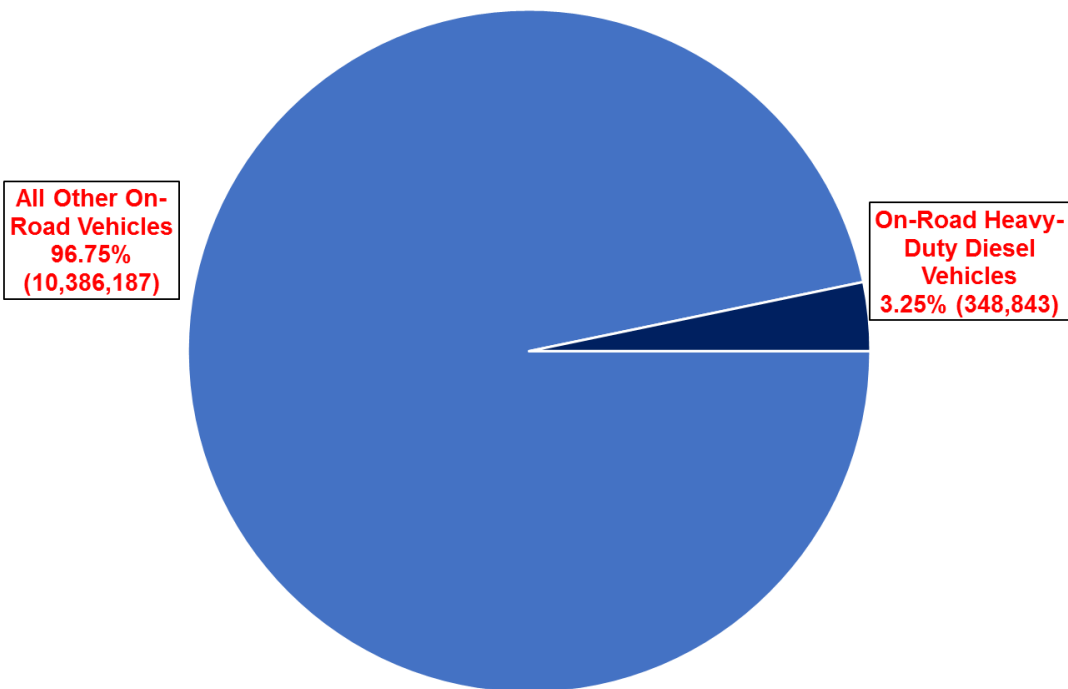


Department of
Environmental
Conservation

Mobile Source NOx Contributions in New York State (2014)



Registered Vehicles in New York State (March 2019)



54.2% of registered HDDVs in NYS are older than 2010.

HDDV NOx Considerations

- Interstate Travel
- Durability of HDDVs
- NYS HDDV Programs: DERA, Idling Restrictions, HDDV I/M, VW (Truck Replacement Programs)
- 2016 EPA Stakeholder Outreach
 - “50 state” standards are preferred
 - Aligning GHG/NOx standards
 - Need for a holistic approach: emissions certification, in-use compliance testing, test cycles, warranty, useful life requirements



Next

- New York State needs additional NOx reductions from HDDVs
- EPA's Cleaner Truck Initiative?
- Without an acceptable "National" program, Section 177 adoption of CA's HD NOx regulations

Thank You

- James Clyne, P.E.
- Director, Bureau of Mobile Sources and Technology Development
- james.clyne@dec.ny.gov
- (518)402-8292

Connect with us:

Facebook: www.facebook.com/NYSDEC

Twitter: twitter.com/NYSDEC

Flickr: www.flickr.com/photos/nysdec



**Department of
Environmental
Conservation**