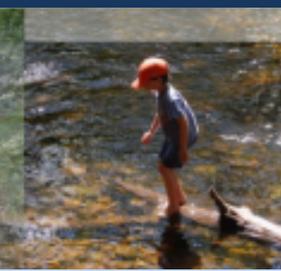
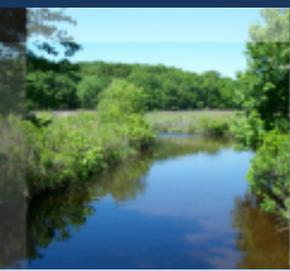
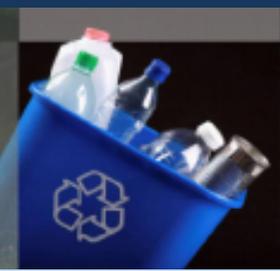




Connecticut Department of Energy and Environmental Protection



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**



2008 Ozone NAAQS: EPA's Impending Bump-Up of NY/NJ/CT and GrCT Areas to Moderate Nonattainment

SIPRAC

Paul Bodner

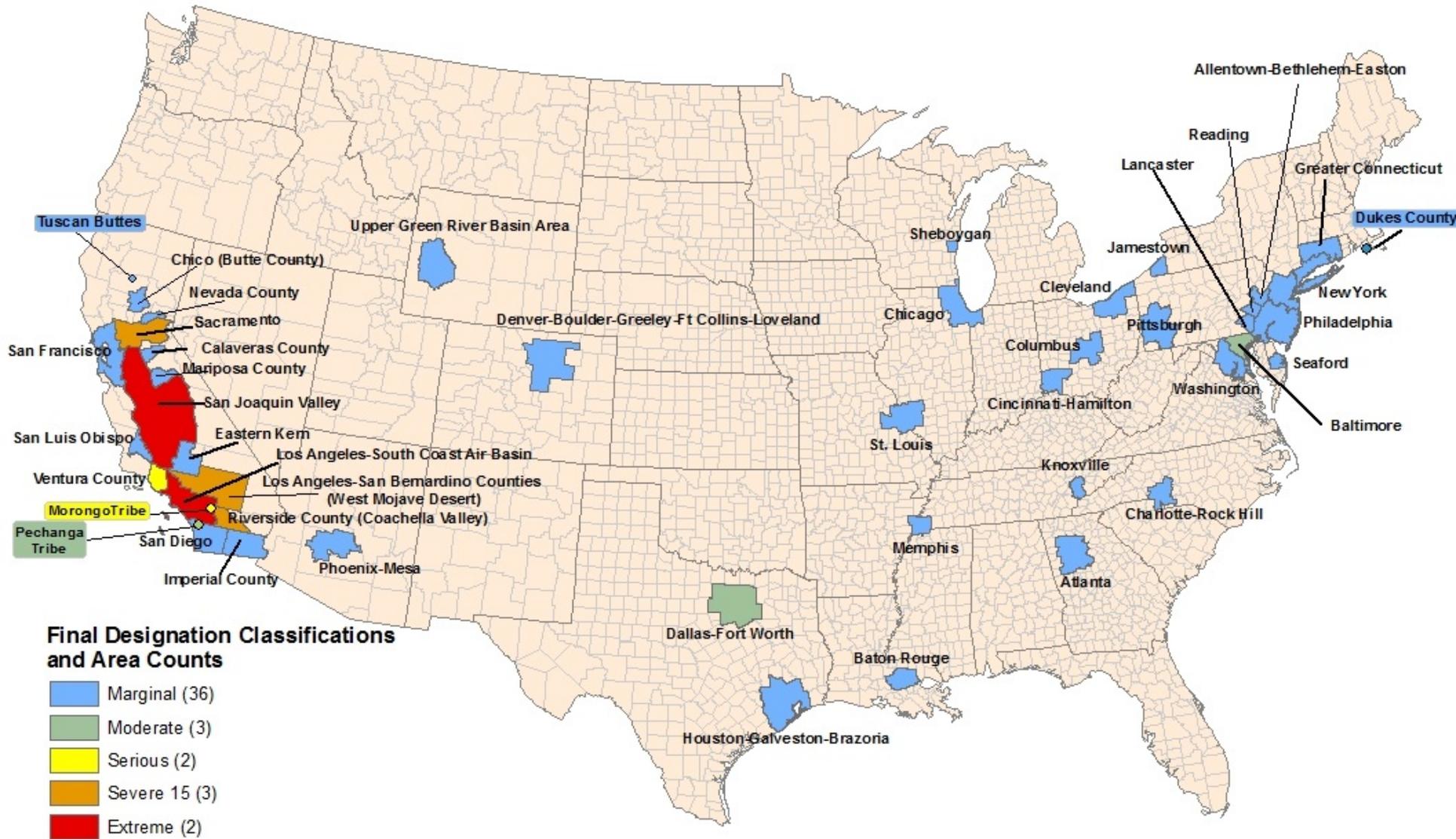
August 13, 2015



Connecticut Department of Energy and Environmental Protection

Nonattainment Areas for 2008 Ozone NAAQS by Classification

(Effective July 20, 2012)

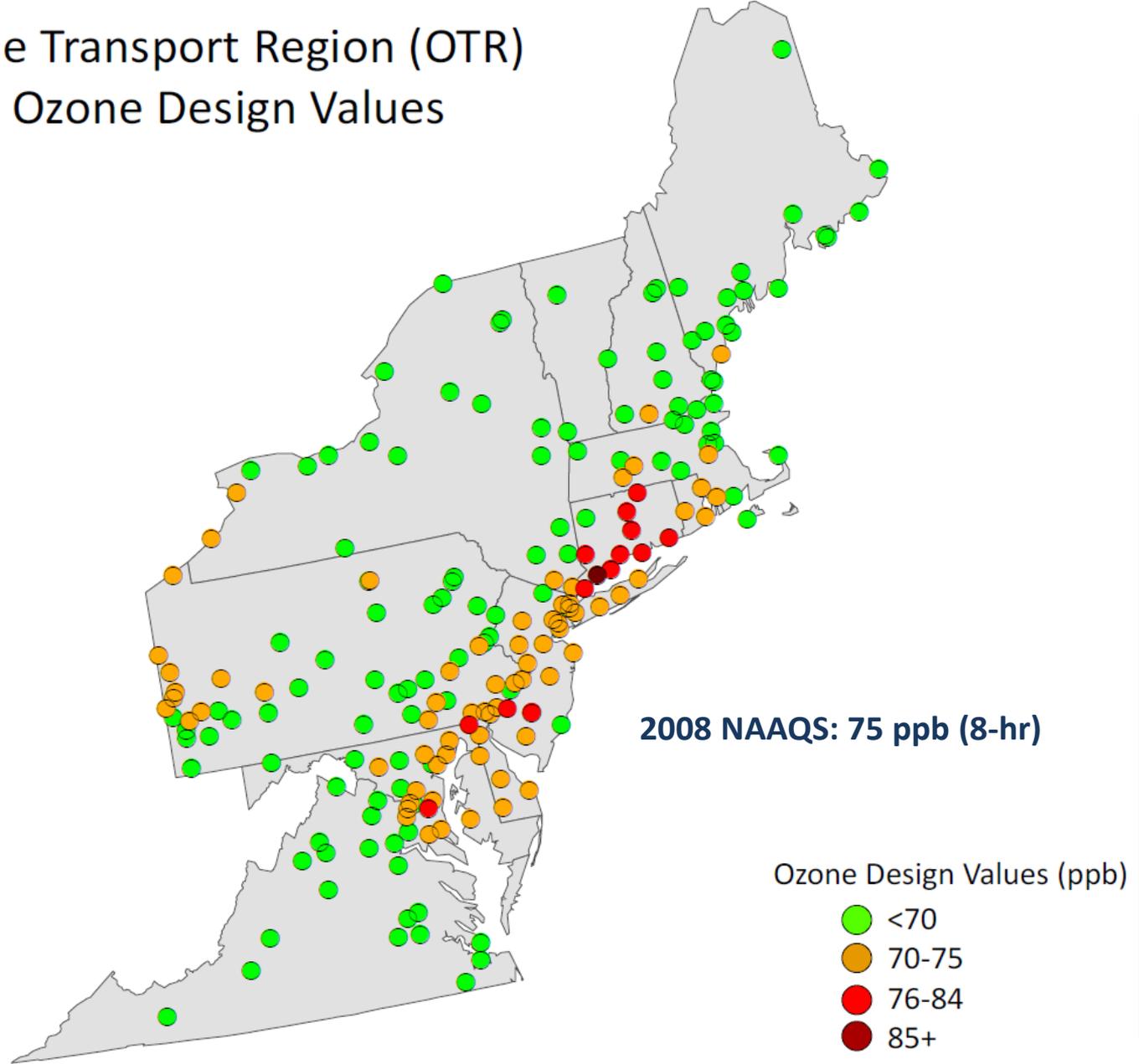


Notes:

- EPA has not designated as nonattainment any areas outside the Continental US.
- Map reflects classifications following requests for voluntary bump-up.

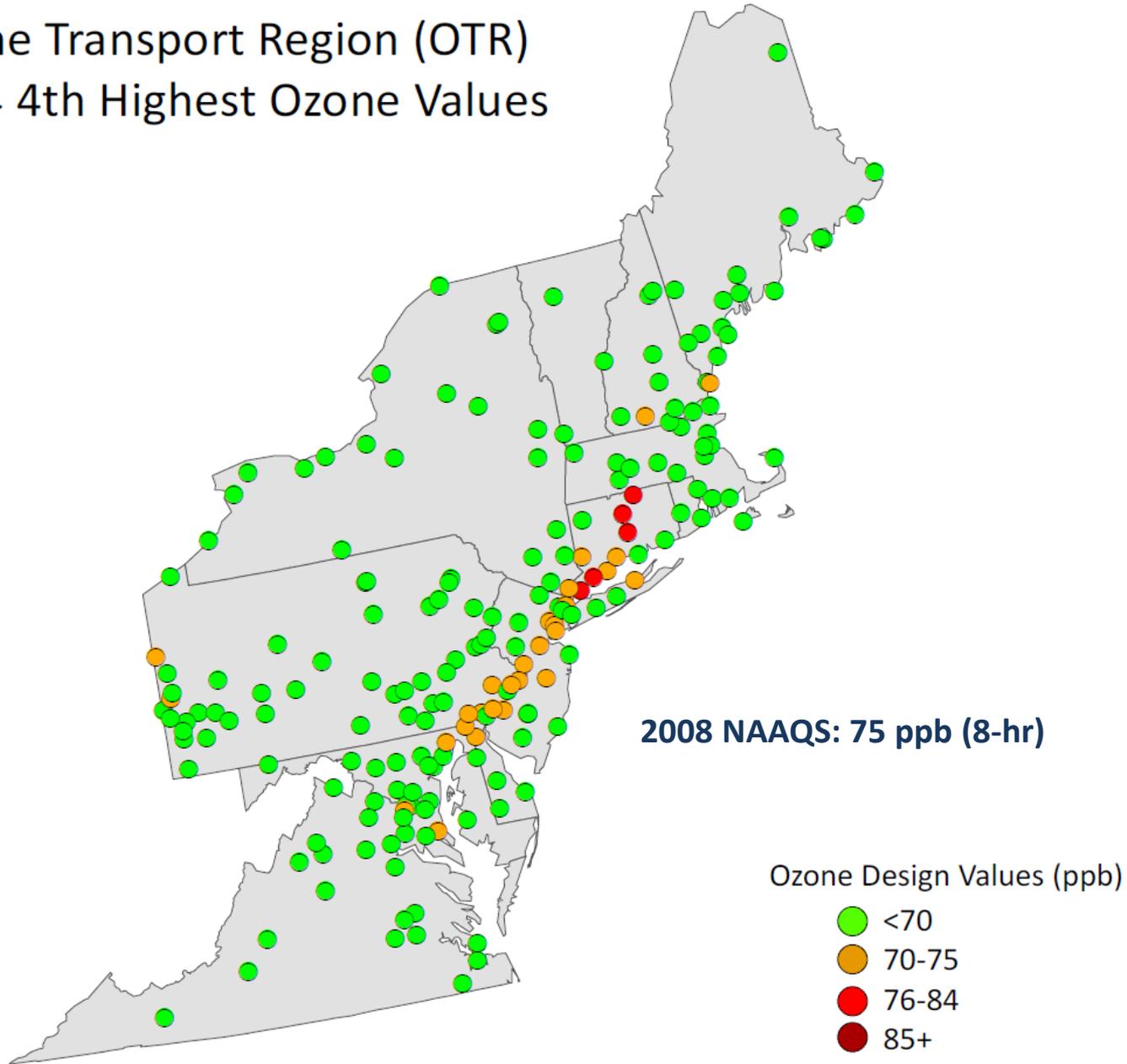


Ozone Transport Region (OTR) 2014 Ozone Design Values





Ozone Transport Region (OTR) 2014 4th Highest Ozone Values



EPA Bump-Up Process for Marginal Areas

- Marginal area attainment deadline: 7/20/2015
- Attainment status/eligibility for extension judged using 2012-2014 measured data (CAA Sec 181(b)(2))
- EPA expected to issue proposed determinations today or tomorrow
 - will identify areas with measured attainment, those granted 1-yr extensions and those proposed for “bump-up” to moderate
 - comments due within 30 days of FR publication
- CAA requires EPA to finalize proposal by 1/20/2016 (6 months after attainment deadline)
- Attainment demonstration SIPs due 1/20/2017



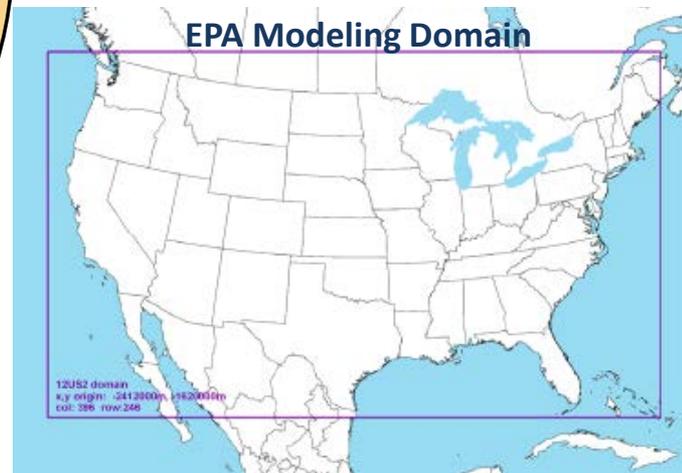
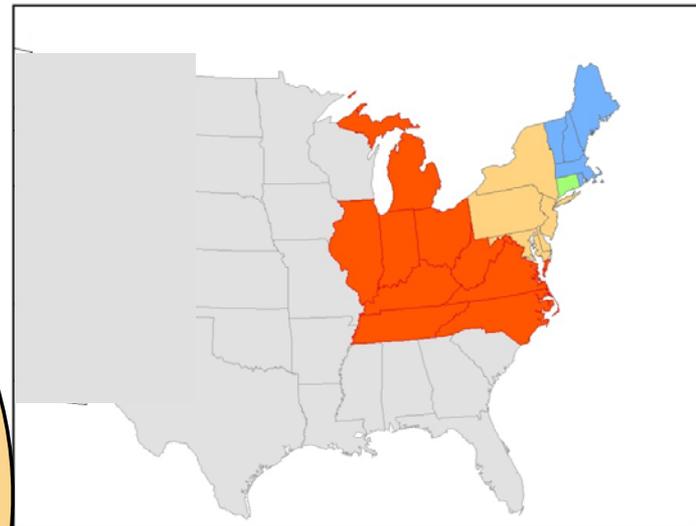
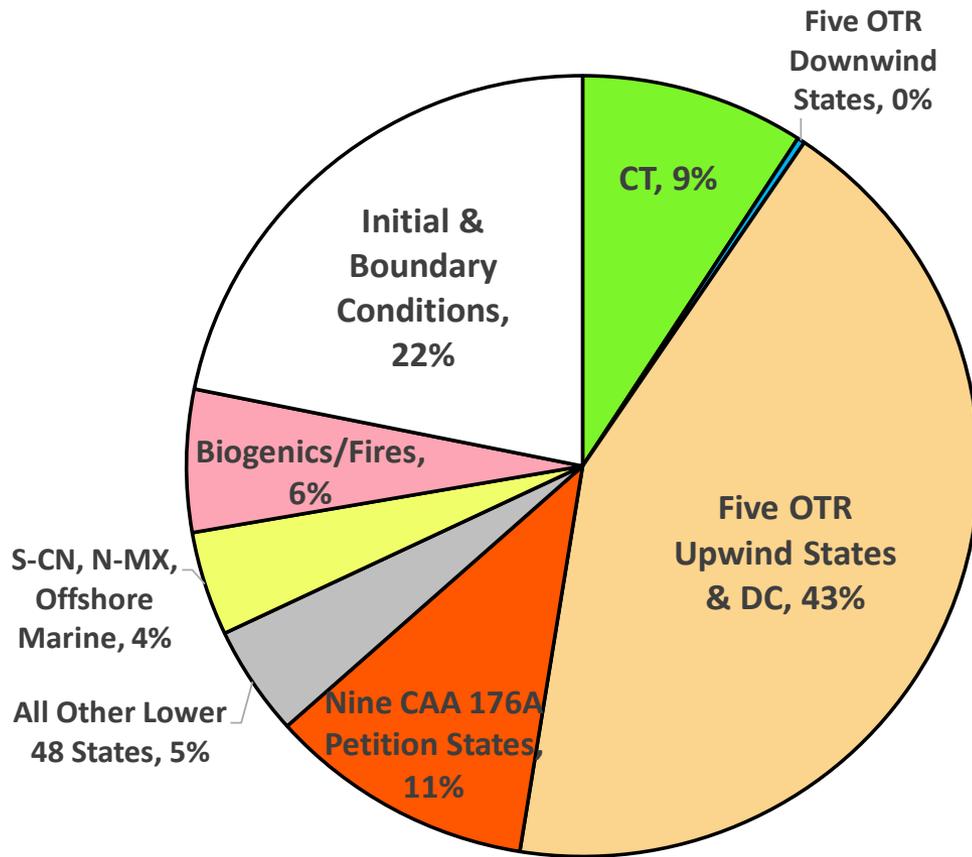
Required Attainment SIP Components

- Nonattainment new source review (NSR) program
- Emissions inventory and emissions reporting statements
 - 2011 base year, 2017 future year inventories
- Reasonably available control technology (RACT) update
 - implemented by 1/1/2017
- Reasonable further progress (RFP) plan
 - demonstrate 15% VOC and/or NO_x reduction between 2011-2017
- Reasonably available control measures (RACM)
 - additional controls needed to “expeditiously” attain
- Attainment demonstration (photochemical modeling)
 - must show will attain, based on projected 2017 design values
- Motor vehicle emissions budgets (MVEB) (CAA §176(c))
- Contingency measures (implemented if fail to attain)



EPA Modeled Transport Impacts on CT

Percent Contributions to Connecticut Peak 2017 Ozone Levels
(EPA modeling projects peak CT 2017 design value of 78 ppb)



Data source: http://www.epa.gov/airtransport/pdfs/2017%20Ozone%20Contributions_Transport%20NODA.xlsx

Percentages calculated using EPA modeled 2017 design values & state contributions to CT, averaged across all CT monitors.

Don't Forget: 2015 Ozone NAAQS to be finalized by 10/1/2015



Proposed

Ozone Standards

Health-based: 65-70 ppb

Welfare-based: 65-70 ppb

Current standard: 75 ppb.

- On Nov 25, 2014, EPA proposed to strengthen the national ambient air quality standards for ground-level ozone, based on extensive scientific evidence about ozone's effects on public health and welfare.
 - Proposed standards reflect strong scientific evidence - including more than 1,000 new studies.
 - Existing and proposed federal measures are leading to substantial reductions in ozone nationwide, which will help improve air quality and help many areas meet any revised standard.
- EPA is also proposing to:
 - update the Air Quality Index (AQI) for ozone;
 - make certain updates to monitoring requirements
- Comment period closed March 17, 2015
- **Final Rule** to be signed by October 1, 2015

Questions?

- **EPA Transport Web Page**

<http://www.epa.gov/airtransport/ozonetransportNAAQS.html>

- **DEEP Ozone Planning Web Page**

http://www.ct.gov/deep/cwp/view.asp?a=2684&q=322158&deepNav_GID=1619

- paul.bodner@ct.gov

860-424-3383

