

Area Designations for the 2008 8-Hour Ozone Standard

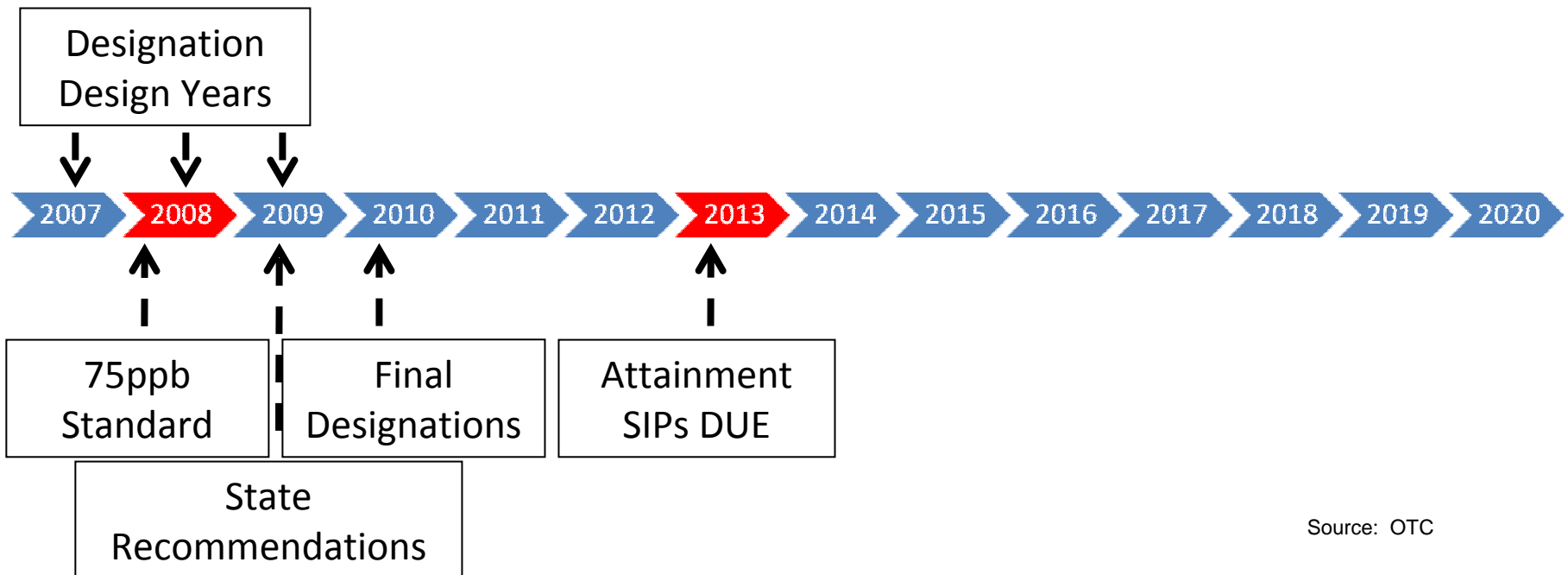
Jeff King and Sunil Kumar

MWAQC TAC

February 17, 2009

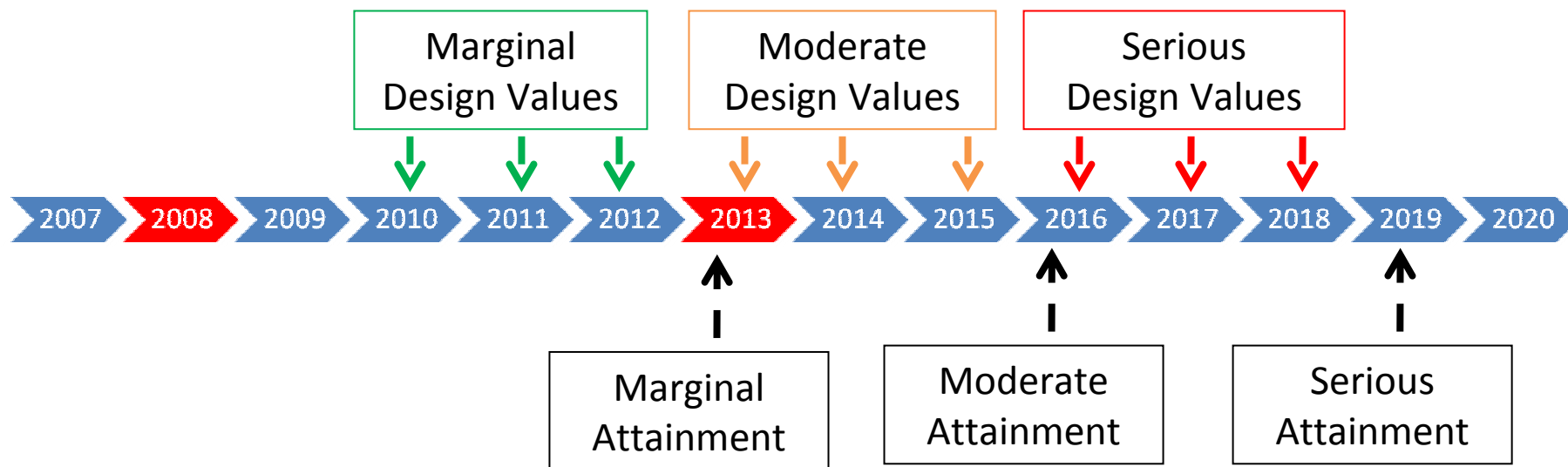
Designation and SIP Schedule

- State Recommendations Area Attainment / Nonattainment Designation using 2006, 2007, 2008 Data ---- Due March 12, 2009
- USEPA Finalizes Area Attainment / Nonattainment Designation using 2007, 2008, 2009 Data ---- Due March 12, 2010



Attainment Date

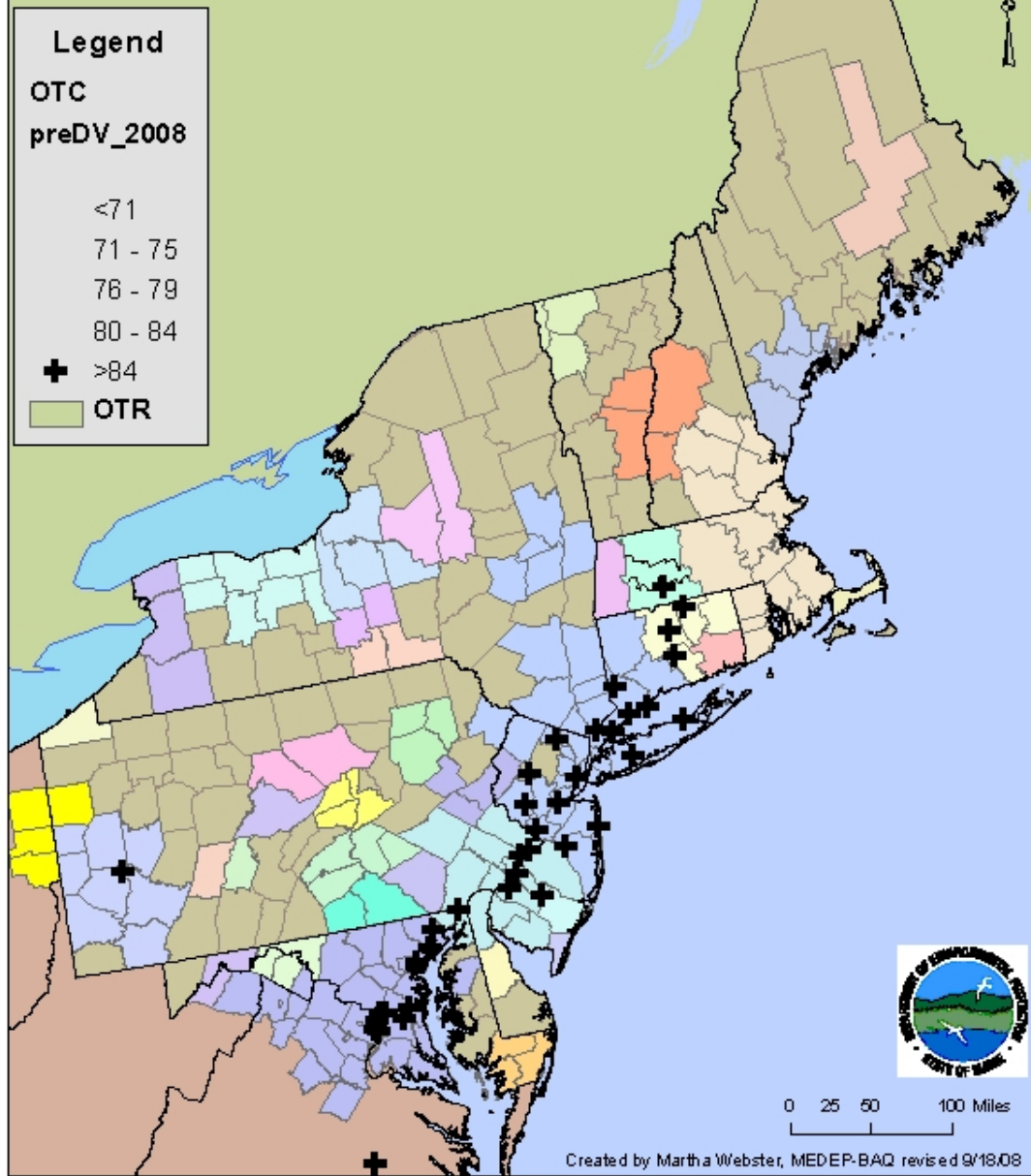
- Based on the Classification of the Area
- Attainment is based on the Design Values Statistic, 3 years of Data
- Classifications Thresholds Set by USEPA Rule



Air Quality Monitoring

- Design Values – three year average of the fourth highest eight-hour ozone reading of each season
- The following are data from the 2006-2008 period. The 2008 data is undergoing quality assurance and may change.

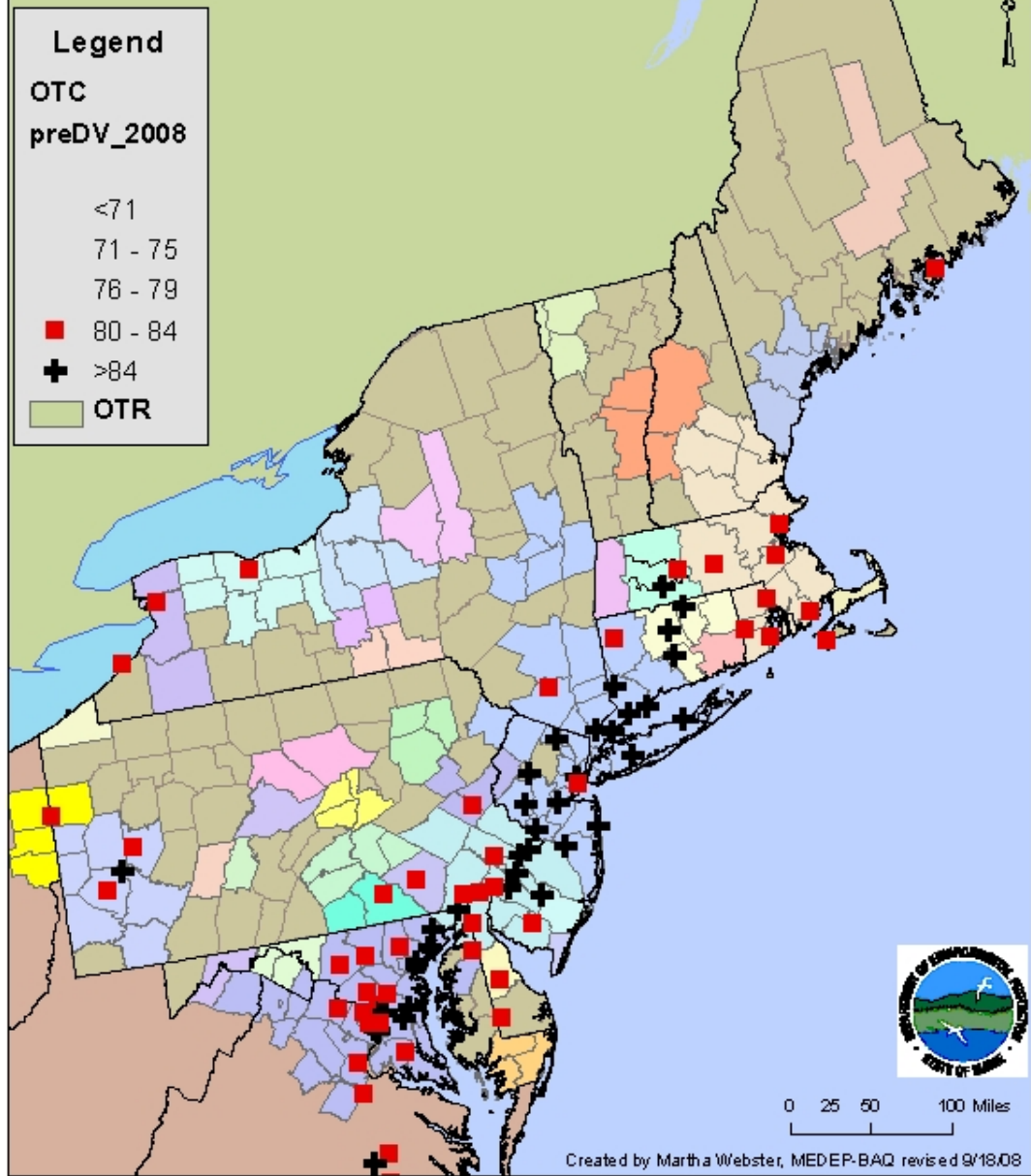
Ozone 8-hr 2006-08 Preliminary Design Value in the OTC With CSA and MSA (11/20/2007)



**Preliminary not
QA'd data as of
September 17**

Source: OTC

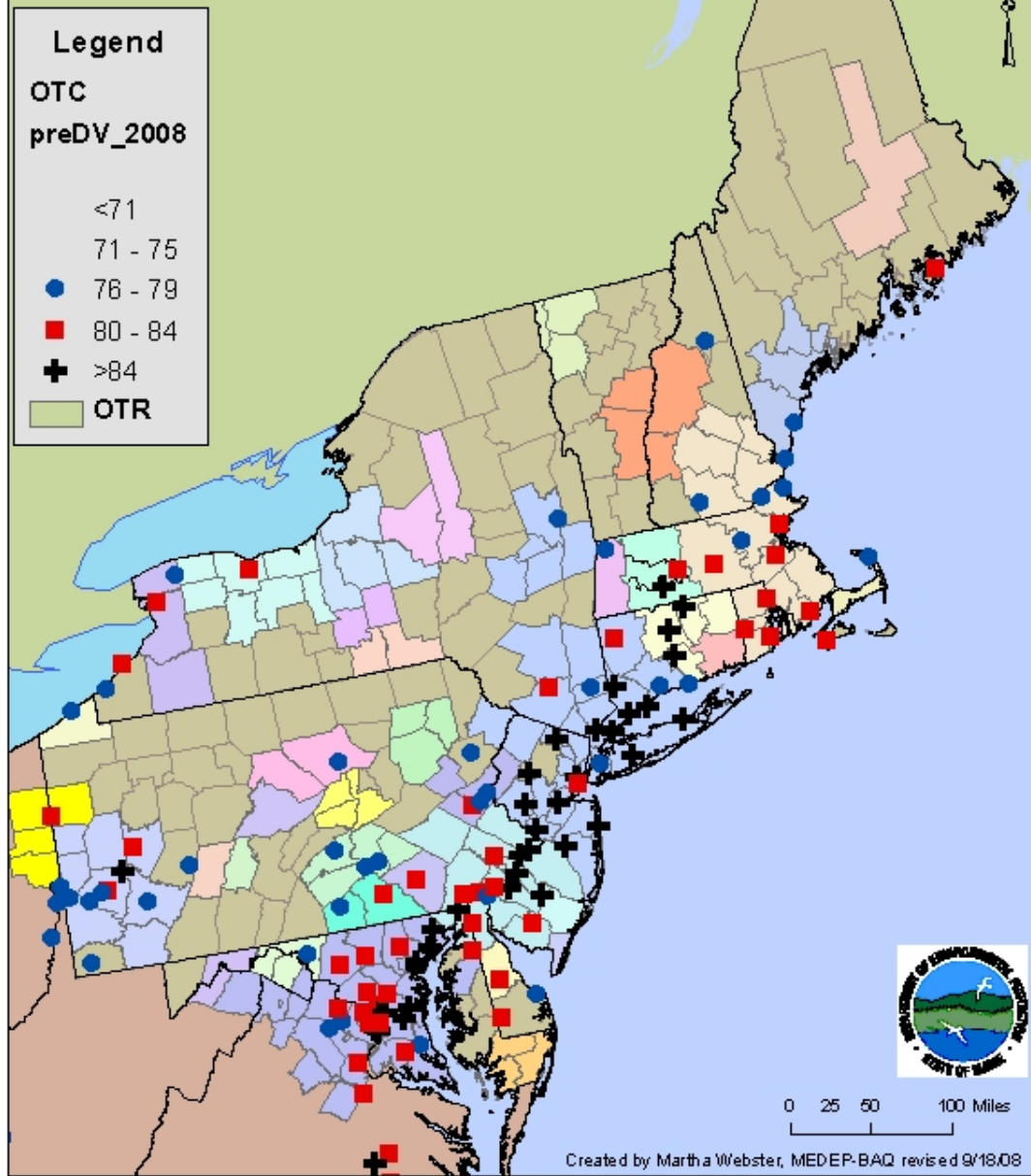
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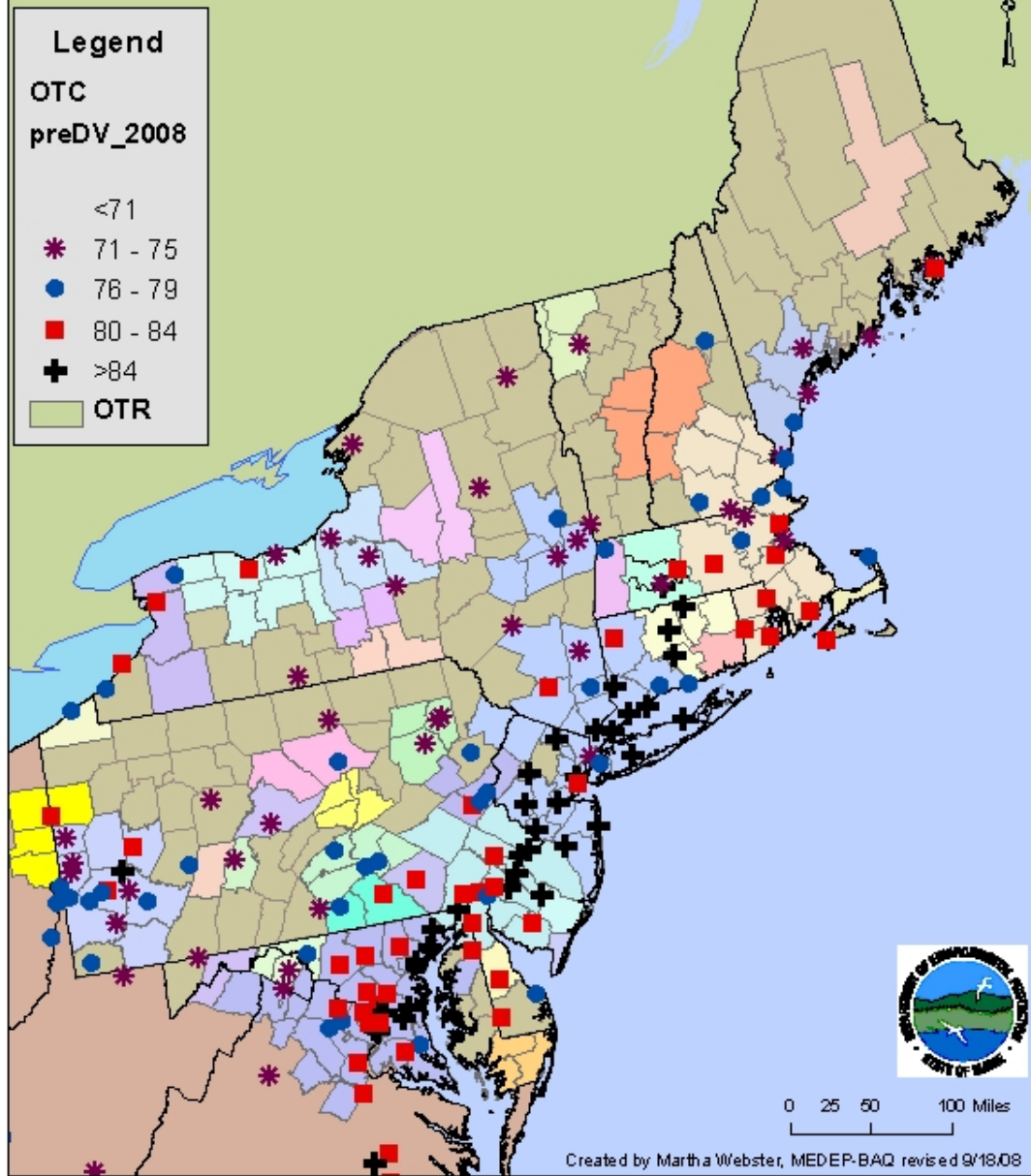
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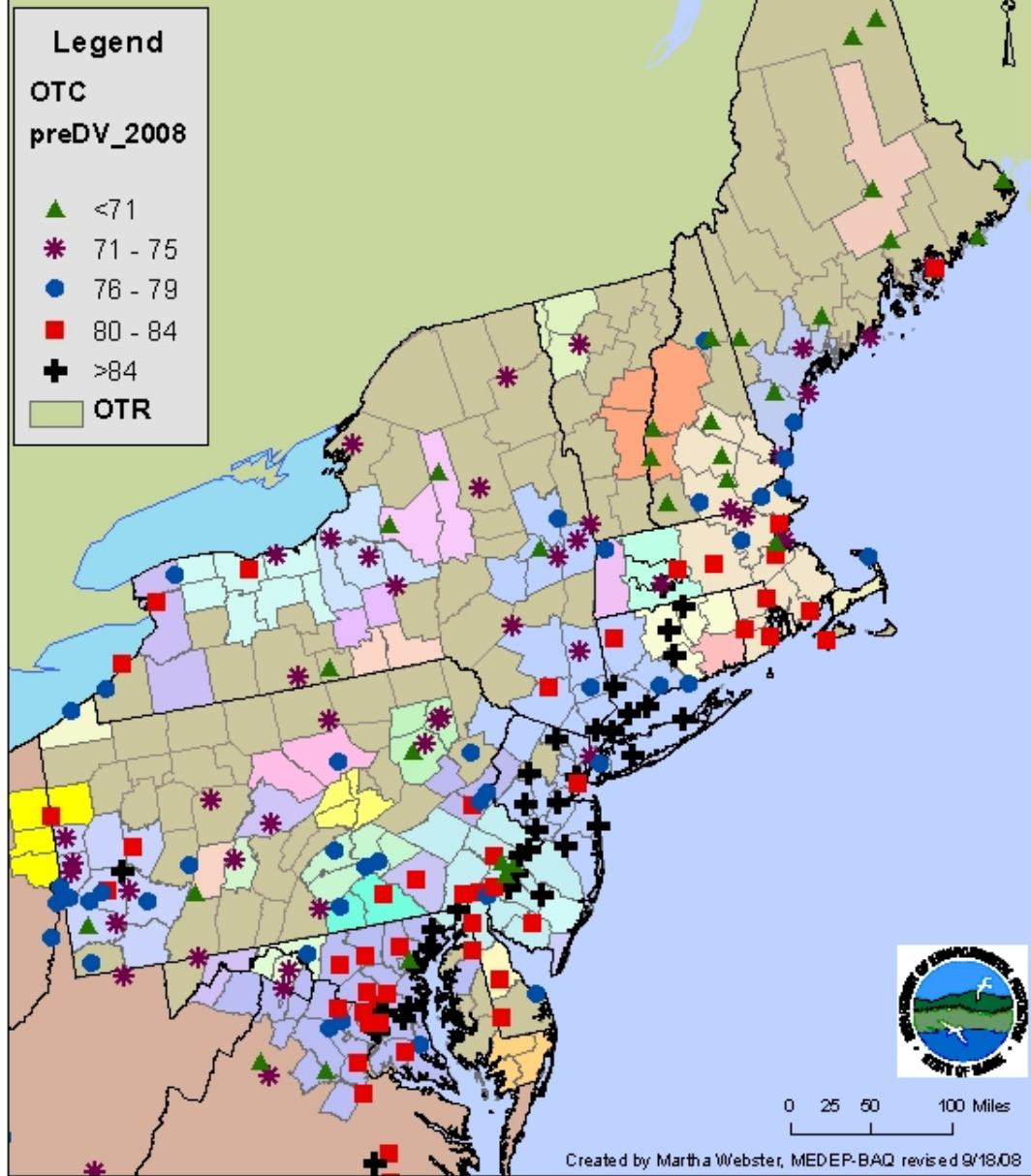
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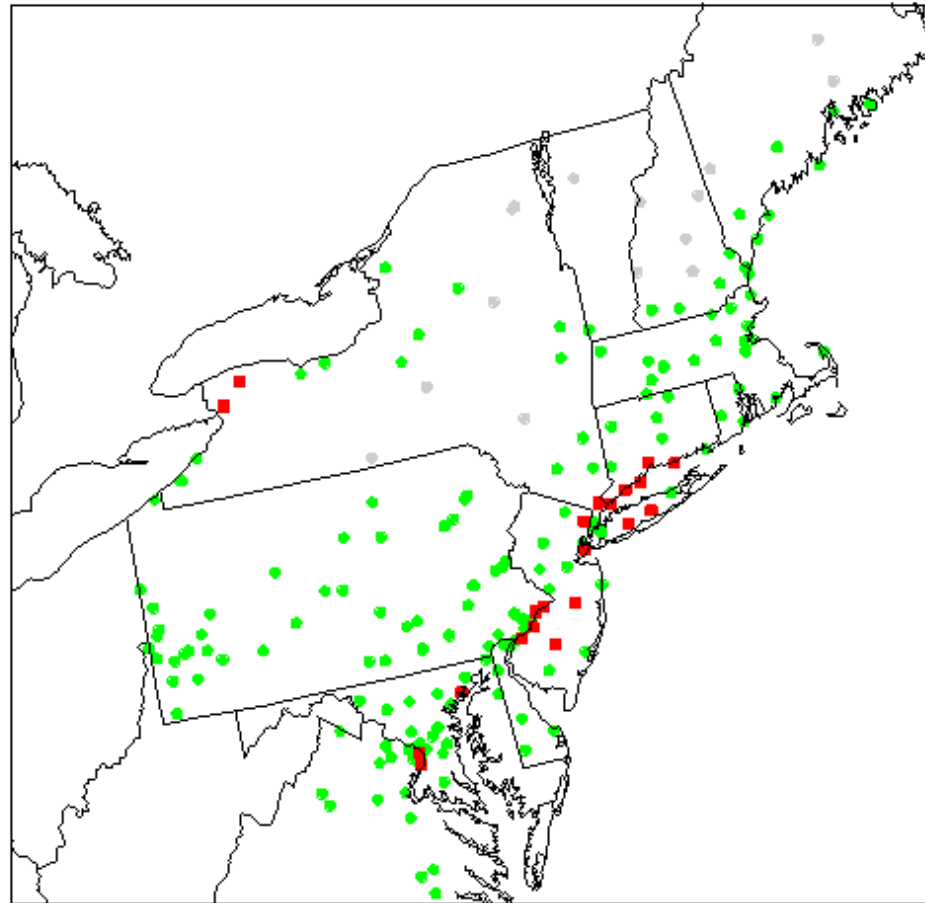
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Source: OTC

Previous OTC SIP Modeling of 2018



● ≤ 75 ppb

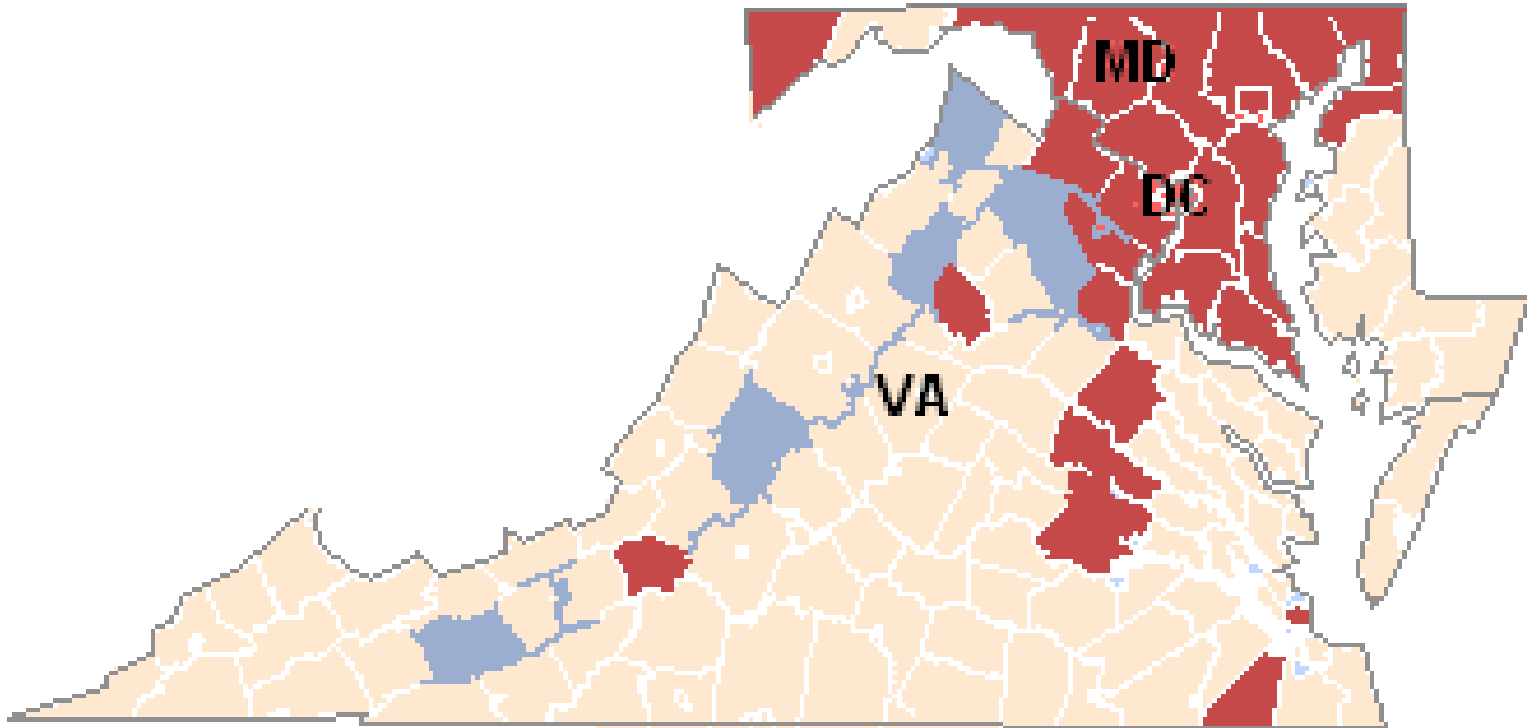
■ > 75 ppb

● No RRF Available

- Beyond-on-the-way regional measures from a 2002 base
- Includes Benefits from the CAIR

Source: OTC

DC-MD-VA Counties Exceeding
2008 8-Hour Ozone Standard (75 ppb)
(2005-07 Design Value)



Red counties – Above standard

Blue counties – At or below standard

Neutral counties – Unmonitored

SIP Timeline for New O₃ NAAQS

