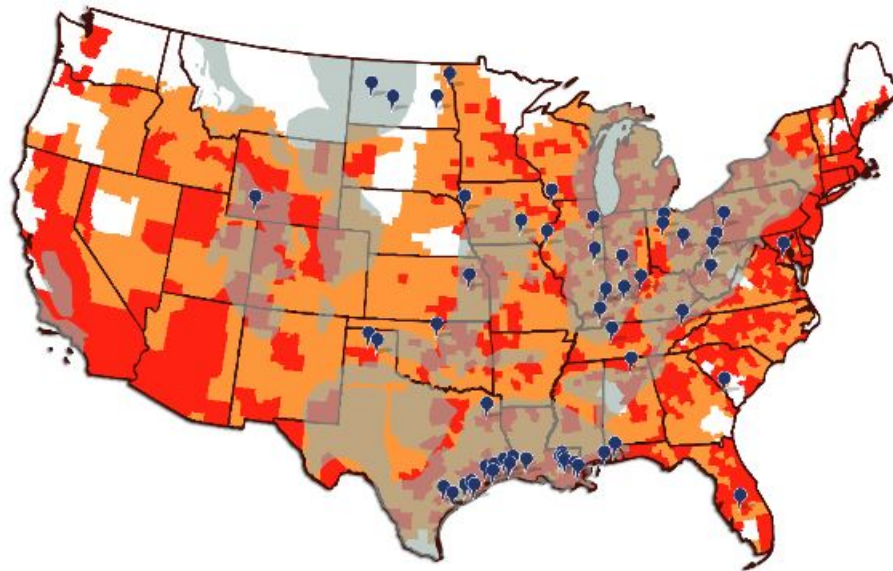


# Impacts of Nonattainment

- Restrictive permitting requirements for new projects or modified existing projects that do not apply to similar facilities in attainment areas. A new modeling program for ozone is being considered, and it is critical that permits not be delayed while any model issues are resolved.
- Projects cannot be built until new emissions are offset.
  - Offset prices in the Houston-Galveston-Brazoria Non-Attainment area are close to \$175,000/ton of NO<sub>x</sub> and the last VOC offset was \$275,000/ton
  - Offset prices in southern California nonattainment areas are approaching \$125,000/ton of NO<sub>x</sub>
- Causes stricter regulations to facilities currently existing in the Area.
  - In the Houston non-attainment area, existing facilities are subject to additional controls under the Highly Reactive VOC (HRVOC) rule, and combustion units, such as boilers and ethylene crackers, must install SCRs and low-NO<sub>x</sub> burners.
- Loss of federal highway and transit funding.
  - Federal projects must conform with State SIPs in order to proceed

# ACC Ozone Blog



-  Unmonitored areas that are anticipated to violate a 60 ppb standard based on spatial interpolation
-  Monitored Core Based Statistical Areas (CBSAs) and rural counties that would be violating a 60 ppb standard
-  Shale basins
-  Chemical industry projects announced as of September 2014 ([more info](#))

*Some pins represent multiple projects*