

# Creating a Healthy Community

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## Air Quality Perspective

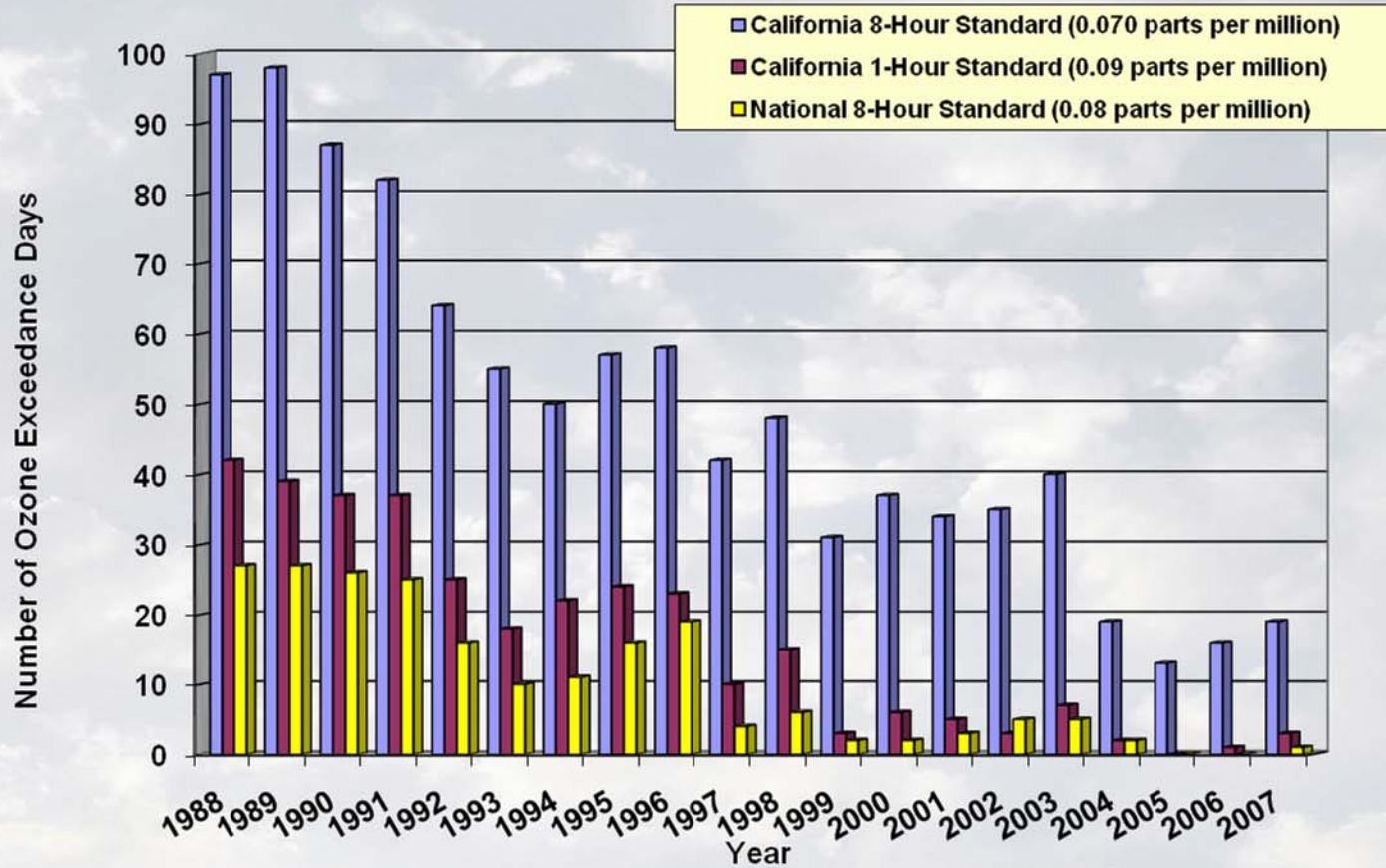
Terry Dressler  
Air Pollution Control Officer  
Santa Barbara County Air Pollution Control District

Saturday, January 19, 2008

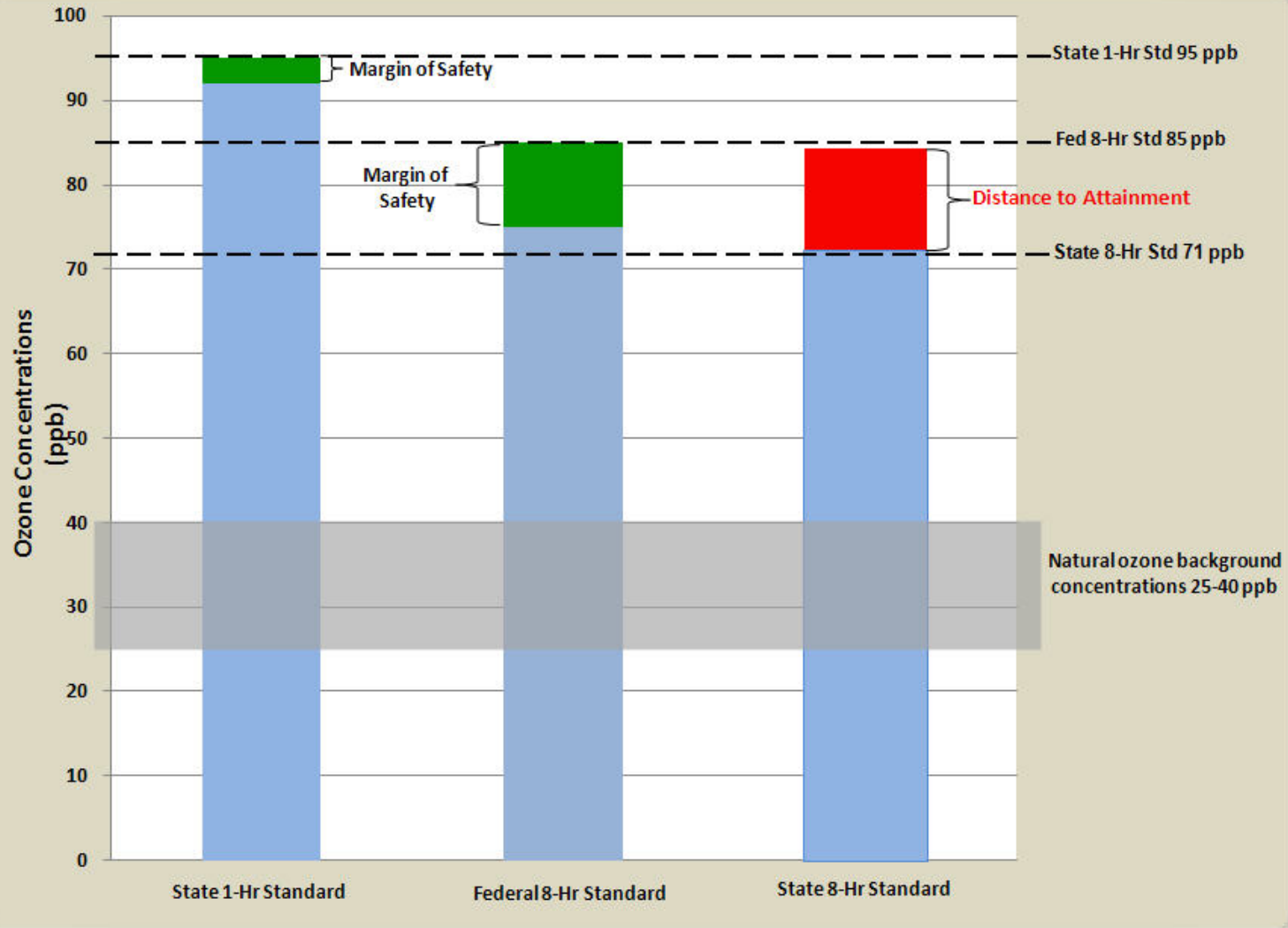


# Ozone Trends

Santa Barbara County 1988 - 2007 Exceedance Days

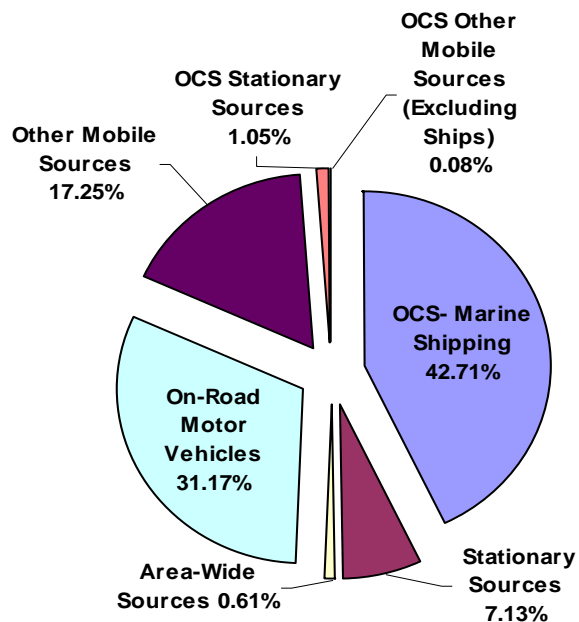


# Ozone Standard Comparison

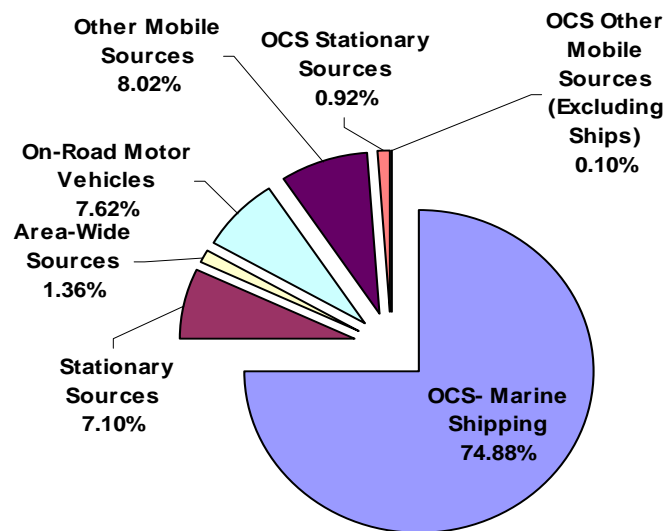


# Santa Barbara County NOx \* Emissions Comparison

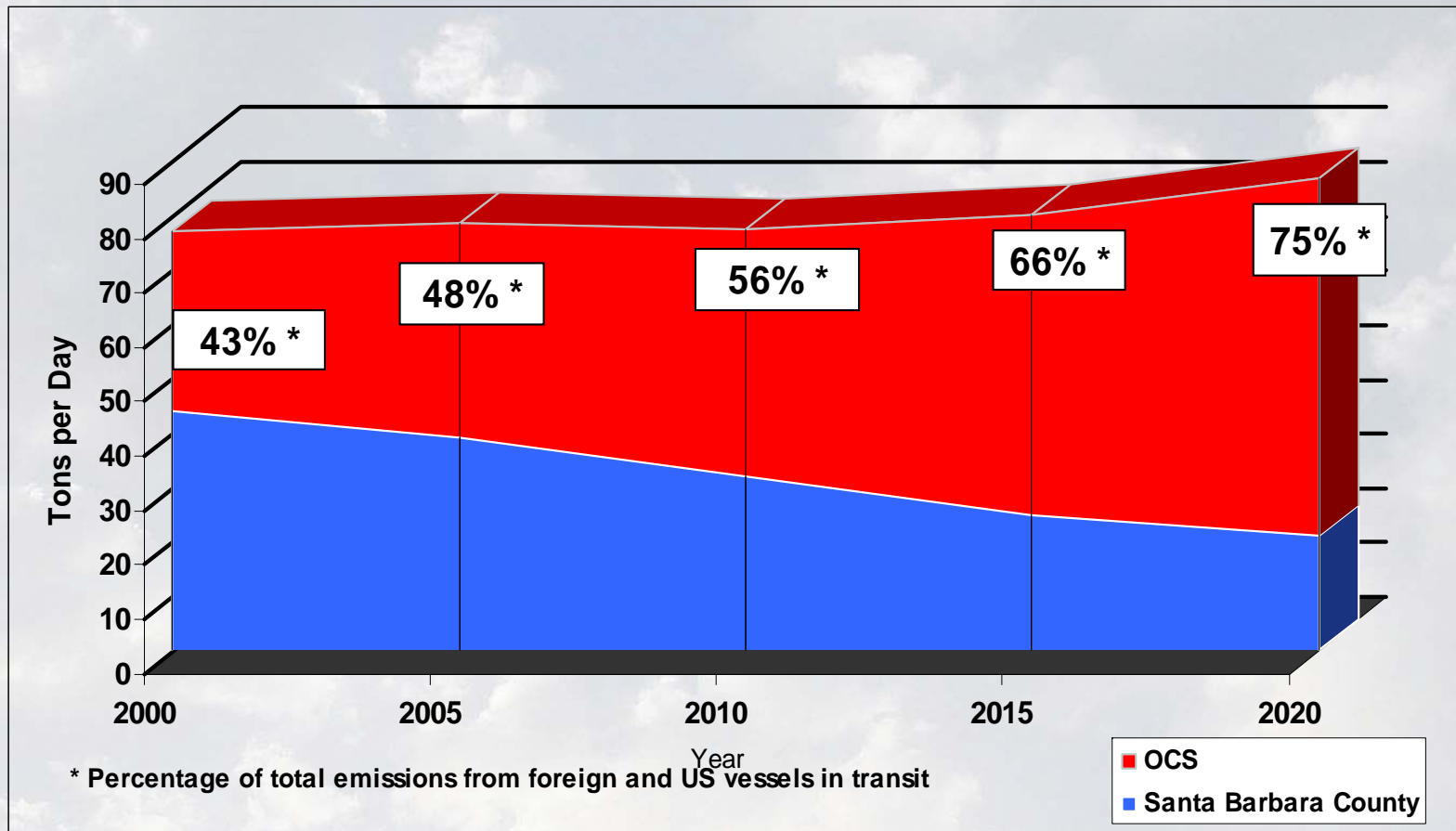
2000 Santa Barbara County NOx Emissions



2020 Santa Barbara County NOx Emissions



# Santa Barbara County NOx \* Emission Forecast



# Diesel Emissions

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- Toxic Air Contaminant
- USC and other studies find proximity to roadways harmful, especially to children's lung development
- Land use considerations – development patterns adjacent to toxic sources
- Tools – ARB Handbook
- Density vs. exposure – needs to be evaluated to grow healthy communities
- Potential mitigations?
  - MERV 13
  - Study on trees

# Local Perspective

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- Air quality is improving
- Diesel is still a concern
- Santa Barbara is relatively low density = low exposure
- Difficult to support more transit – demand not driving supply
- Future planning needs to balance density and exposure