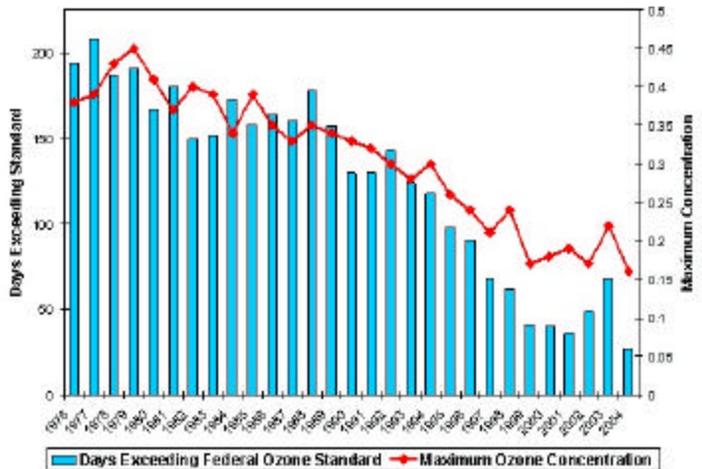


## Days Exceeding One-Hour Ozone Standard



1

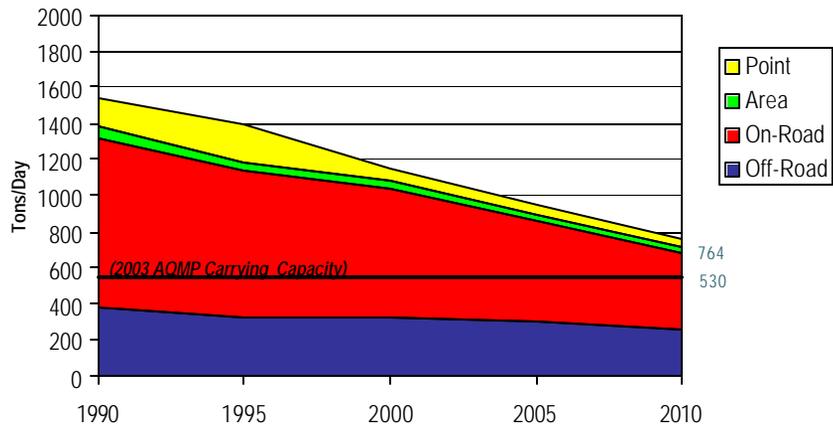
## Key Challenges

- Progress made, but still generally most polluted region
- Recent children's health studies
- New 8-hour ozone & PM 2.5 standards
- "Easy" reductions achieved
  - Black box (>100 tons/day NOx)
  - Federal sources, particularly port-related
- Toxics

2

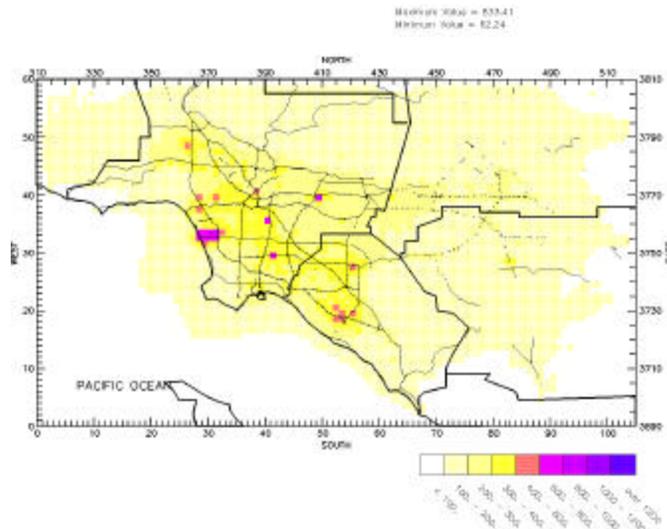
# NOx Emissions

Projections Based on Adopted Regulations



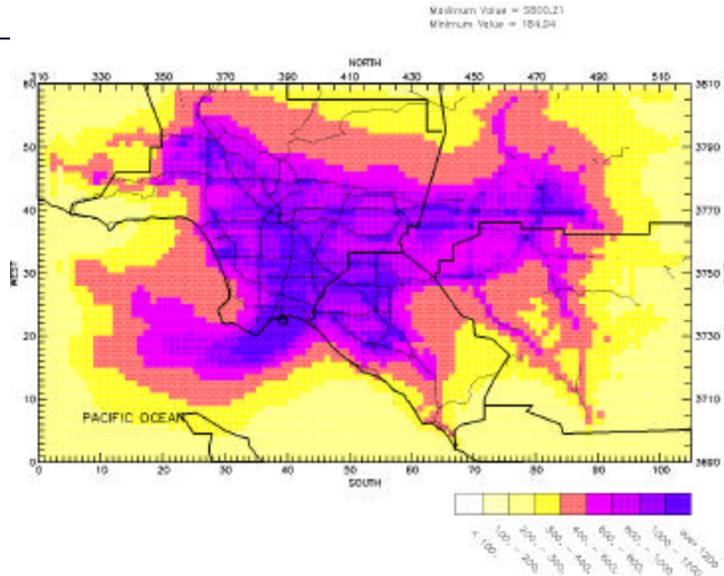
3

# Modeled Cancer Risk Excluding Diesel



4

## Modeled Cancer Risk: All Sources



## Pollution Impact of Ports:

### NO<sub>x</sub> Emissions by Source Category

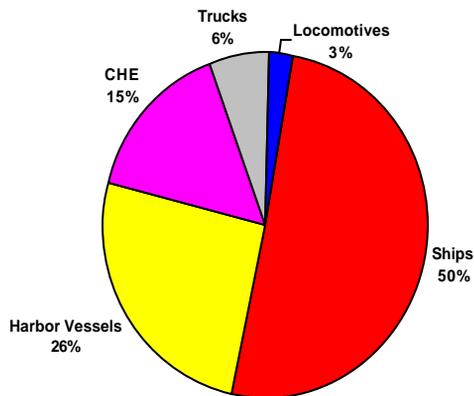
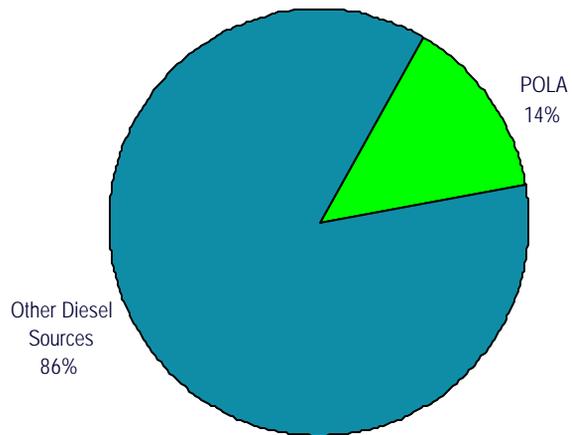


Chart based on 2001 cruising, maneuvering and docked vessel emissions, and in-port emissions from other sources. Total is 75 tons/day. Out-of-port locomotive emissions (to & from port) add approx 14 tons/day. Out-of-port truck emissions add approx 24 tons/day

6

## Contribution of Port of Los Angeles to Diesel PM10 Emissions

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Total Diesel PM10 = 18.9 tons/day

7