



**BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT**

*Committed to Achieving Clean Air to Protect  
the Public's Health and the Environment*



# **Review: CARE Program Objectives and Status**

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**Bay Area Air Quality Management District**

**CARE Task Force Meeting**

**July 18, 2006**



# CARE Program Objectives

- Evaluate community cancer and non-cancer health risk from ambient toxic air contaminants (TAC).
- Focus health risk mitigation measures on locations with higher risk levels and sensitive populations.



# CARE Program Objectives (cont.)

- Gather information & conduct scientific studies to help characterize TAC concentrations and exposures.
- Implement targeted risk mitigation measures in parallel with scientific studies.



# CARE Program: A Three Phase Design

- **Phase I:**
  - Scoping, Inventory Development, and Initial Mitigation Measures
- **Phase II:**
  - Modeling Pollutant Concentrations and Continued Mitigation
- **Phase III:**
  - Exposure Assessments and Continued Mitigation

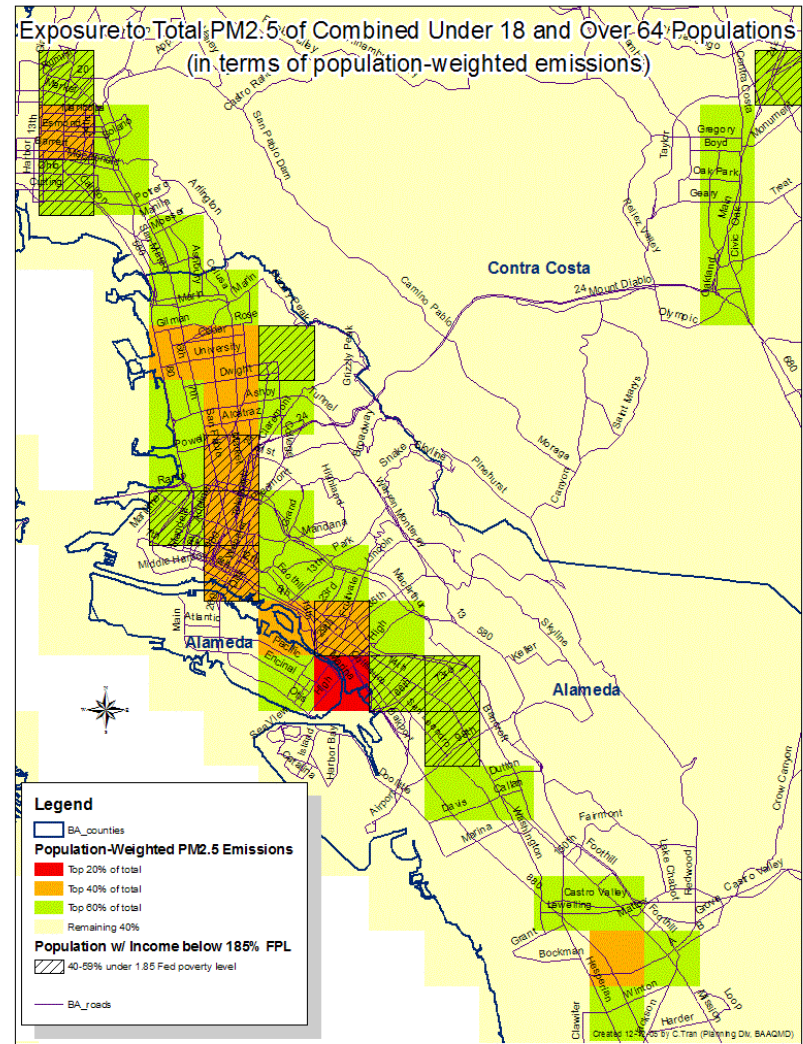
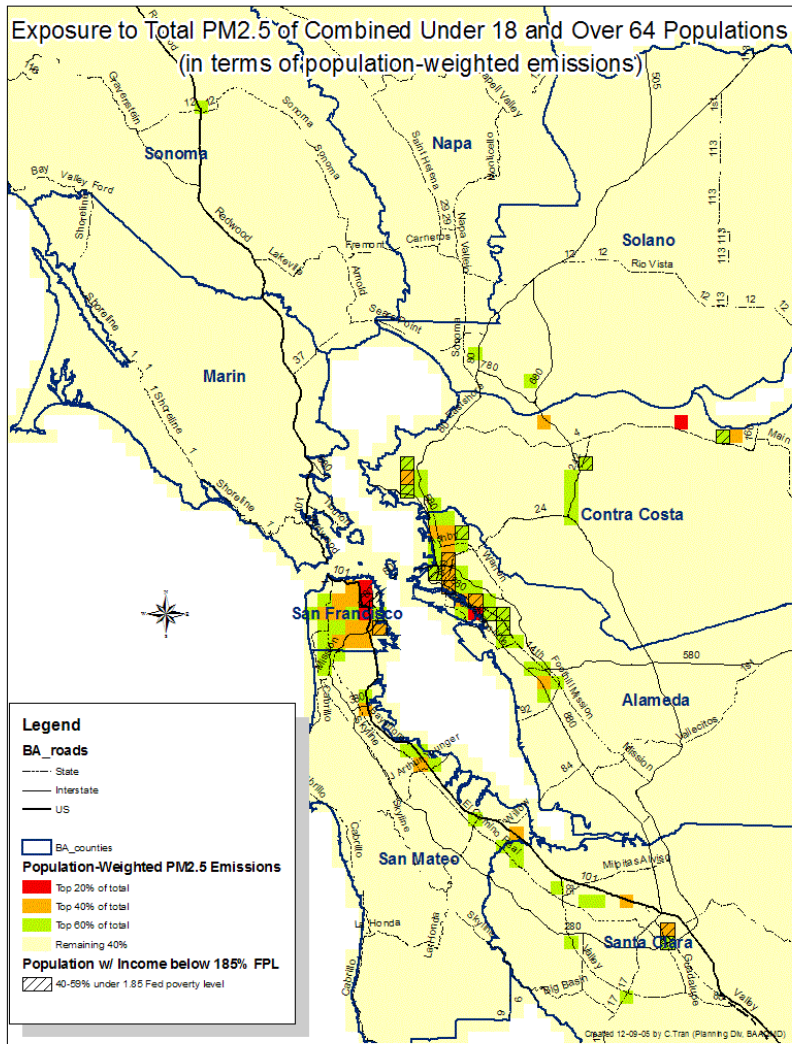
# CARE Program Phase I Projects

- Screening-level TAC emission inventory
- Support studies
  - Residential wood burning survey
  - PM source apportionment study
  - Carbon dating—old vs. new carbon
  - Organic PM speciation
- Demographic & health data
- Target regions for Carl Moyer grants

# District Approaches for Reducing TAC

- Target incentive funds for reducing mobile source emissions
- Regulate emissions from stationary and indirect sources
- Advise & collaborate on issues related to development, housing, and transportation
- Support & sponsor legislation
- Develop model ordinances
- Enhance information campaigns

# Maps for Carl Moyer Grants



# CARE Program

## Phase I Nearly Complete

- Finalize screening-level TAC gridded emissions
- Continue to develop TAC emissions & identify sensitive populations
- Use best available technical information to help guide and target mitigation measures
- Continue to update and refine program plan



# CARE Task Force Roles

- **District's Role**
  - Provide timely meeting materials
  - Make project study findings available
  - Point out key decision points
  - Provide timely feedback to member input, requests, & questions

# CARE Task Force Roles (cont.)

- **Members' Role**
  - Provide feedback to District staff on CARE program decision points
  - Provide expert review
  - Provide community perspective