Introductory Comments
Greater Impacts of Air Pollution in Vulnerable Groups of Californians with Asthma
Contract 07-309

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Findings from ARB-funded Studies

- Asthma onset found in children highly exposed to ozone
- Increased risk of asthma, wheeze and medication use in children highly exposed to traffic pollution (two studies)
- Volatile organic compounds associated with symptoms in asthmatic children
- Association of asthma to air pollution sources (current study)
Goals of the Study

- Vulnerable Californians suffer disproportionately from asthma and asthma-like symptoms
  - May be more affected by air pollution

- Study examines causes for the disproportionate burden of symptoms among low socioeconomic status individuals
  - related to greater pollutant exposures
  - greater vulnerabilities
  - or both