

Introductory Comments Greater Impacts of Air Pollution in Vulnerable Groups of Californians with Asthma

Contract 07-309

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March 13, 2013



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