What can be done to prevent this harmful pollution?

- Stop idling! All vehicles pollute unnecessarily while idling.
- Support retrofit programs for diesel vehicles.
- Report diesel vehicles that idle more than three minutes by calling (877) WARN-DEP.
- Encourage your school district to eliminate school-bus idling.

For more information, visit www.StopTheSoot.org or contact the DEP Diesel Risk Reduction Team at (609) 633-2306.

References


Gasping for breath?

Fine-particle pollution from diesel emissions is toxic to your health

Chris Christie, Governor
Bob Martin, Commissioner
Mary E. O’Dowd, M.P.H., Acting Commissioner
What Everyone Should Know about the Harmful Health Effects of Fine-Particle Pollution from Diesel Emissions

- The New England Journal of Medicine reports that exposure to air pollution may cause chronic decreases in lung function by age 18. (1)

- Fine-particle pollution may worsen the symptoms of asthma and can trigger an asthma attack. (2)

- Children breathe up to 50 percent more air per pound of body weight than adults and, with their immune and respiratory systems still developing, are particularly susceptible to both acute and chronic respiratory problems such as asthma.

- Asthma rates among children have increased 160% in 20 years, with urban asthma rates even higher. (3)

- The American Lung Association reports that asthma is the leading serious, chronic illness among children and the leading cause of school absenteeism due to chronic disease. (4)

- In New Jersey, fine-particle pollution may actually cause more premature deaths than homicides and car accidents combined. (5)

- Studies by the Harvard Medical School conclude that fine-particle pollution is linked to premature mortality. (6) It is estimated that people with heart or lung disease living in areas with higher pollution die 14 years earlier from exposure to fine-particle pollution. (7)

- Residents of urban communities with higher pollution experience a 26-percent higher rate of premature mortality due to fine-particle pollution than residents who live in urban communities meeting pollution standards. (6)

- According to the American Heart Association, elderly patients, diabetics and people with underlying heart or lung disease may be at particularly increased risk of health complications when exposed to high levels of fine-particle pollution. This may be especially true for persons living in disadvantaged communities. (8)

- Fine-particle pollution may cause chest irritation in anyone. For sensitive people such as those with allergies, fine-particle pollution can worsen their symptoms.