

## what should I do?

- Take action and stop idling! Tell your family, friends, neighbors and school bus drivers to stop idling.
- Purchase and install "No Idling Zone" signs to spread awareness (see directions for ordering on [www.StopTheSoot.org](http://www.StopTheSoot.org))
- Report diesel vehicles idling more than 3 minutes by calling (877) WARNDP.
- Encourage your school district to sign the No Idling Pledge.
- Support programs that "retrofit" diesel vehicles with emission controls.
- Do not use remote starters.

For more information,  
visit [www.StopTheSoot.org](http://www.StopTheSoot.org)  
or contact NJDEP's  
Bureau of Mobile Sources  
at (609) 292-7953.



# IDLING...

what's the problem?

## references

- (1) NJDEP used methodology found in USEPA, Final Tier 2 Rule: Air Quality Estimation, Selected Health and Welfare Benefit Methods, and Benefits Analysis Results, EPA 420-R-99-032, December, 1999 and Abt Associates, "The Particulate-Related Health Benefits of Reducing Power Plant Emissions," October 2000 to calculate premature deaths.
- (2) [www.oee.nrcan.gc.ca/communities-government/transportation/municipal-communities/articles/idling-myths.cfm?attr=8](http://www.oee.nrcan.gc.ca/communities-government/transportation/municipal-communities/articles/idling-myths.cfm?attr=8)
- (3) Gaudeman, W.J., et. Al., "The Effect of Air Pollution on Lung Development from 10-18 Years of Age," New England Journal of Medicine, Vol. 351, No. 11, Sept. 9, 2004 and related study of truck density and "black smoke" inside schools, Brunekeerf, B., "Air Pollution from Truck Traffic and Lung Function in Children Living Near Motorways," Epidemiology 8(3):298-303.
- (4) American Heart Association Scientific Statement [www.americanheart.org/presenter.jhtml?identifier=3022282](http://www.americanheart.org/presenter.jhtml?identifier=3022282)



New Jersey Department of Environmental Protection  
Bureau of Mobile Sources

PO Box 420 / Mail Code 401-036  
401 East State Street  
Trenton, NJ 08625  
[www.StopTheSoot.org](http://www.StopTheSoot.org)

## idling is illegal

- Idling for more than 3 minutes is PROHIBITED in New Jersey with limited exceptions:
  - N.J.A.C. 7:27-14 (Diesel Vehicles)
  - N.J.A.C. 7:27-15 (Gasoline Vehicles)
  - Sleeping in trucks with sleeper berths is currently allowed. (this exemption will be eliminated in 2010)
  - Idling of emergency vehicles (police, ambulance, fire, military) operating in emergency situations is allowed.
- Idling fines begin at \$100 for passenger vehicles and \$250 for commercial vehicles.

## idling is “fuelish”

- If you are idling, you might as well be burning dollar bills.
- The best way to warm a vehicle is to **drive** it.
- Emissions are still present and harmful even when you can't see exhaust.
- In winter conditions, emissions from a cold engine are more than double the normal level. Fuel consumption is also higher in cold weather.
- Idling increases maintenance costs: it leaves fuel residues that contaminate motor oil and make spark plugs dirty.

## idling is unhealthy

- Diesel exhaust is a likely human carcinogen, containing fine particles commonly called “soot”.
- Exhaust emissions worsen asthma, bronchitis, and existing allergies.
- The New England Journal of Medicine reports that exposure to air pollution may cause chronic decreases in lung functions by age 18.<sup>3</sup>
- Children breathe up to 50% more air per pound of body weight than adults, making them more susceptible to both acute and chronic respiratory problems like asthma.

## & idling emissions kill...

- Every year, hundreds of New Jerseyans die prematurely from exposure to diesel exhaust. Fine particle pollution may actually cause more deaths in NJ than homicides and car accidents combined.<sup>1</sup>
- The American Heart Association has concluded that air pollution increases the risk of death from cardiovascular disease.<sup>4</sup>

### DID YOU KNOW?

Vehicles that idle 10 minutes per day waste more than 29 gallons of fuel each year.<sup>2</sup>

### DID YOU KNOW?

An idling vehicle emits 20 times more pollution than one traveling at 30 miles per hour.

### DID YOU KNOW?

Only 10 seconds of idling uses more fuel than turning the engine on and off.<sup>2</sup>