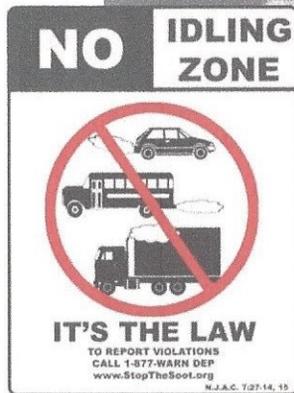


## what should I do?

- 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.oes.nrcan.gc.ca/communities-government/transportation/municipal-communities/articles/idling-myths.cfm?attr=8](http://www.oes.nrcan.gc.ca/communities-government/transportation/municipal-communities/articles/idling-myths.cfm?attr=8)
- (3) Gauderman, 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. Brunekreef, 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 401-030  
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>