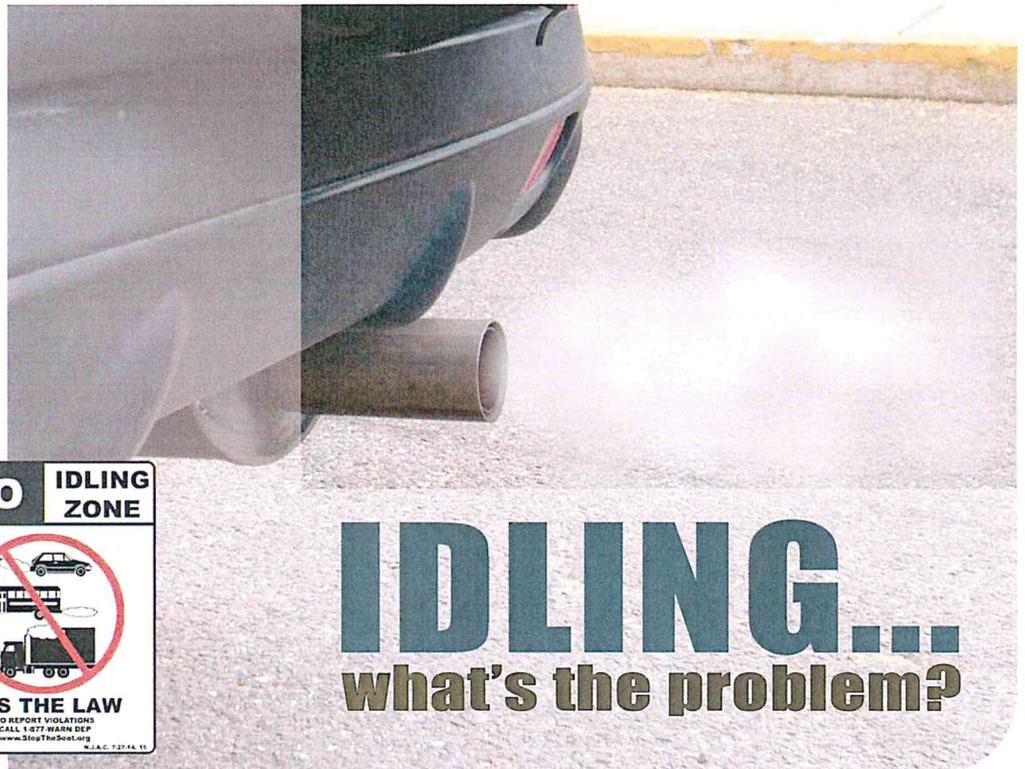


what should I do?

- 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)
- 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 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, Chemical Health and Welfare Review Methods and Severity Analysis (Final EPA 420-R-06-032, December 1996) and EPA Associates, "The Particulate-Related Health Benefits of Reducing Toxic Plant Emissions," October 2000 to calculate premature deaths.
2. www.epa.gov/epaospr/airqualitycriteria/airqualitycriteria.html
3. Gauderman W.P., et al., "The Effect of Air Pollution on Lung Development from Birth to Age 12," *New England Journal of Medicine*, Vol. 351, No. 11, Sept. 4, 2005 and related study of lung density and "black smokes" inside schools by Brookoff B., "Air Pollution from Truck Traffic and Lung Function in Children Living Near Motorways," *Epidemiology* 23: 398-305.
4. "Fighting Heart Disease with Science," *Statement* (www.heartland.org/newsroom/170811/03/23)



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

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 18.³
- 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.¹
- The American Heart Association has concluded that air pollution increases the risk of death from cardiovascular disease.⁴

**DID
YOU
KNOW?**

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

**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.²