

# Save Money, Your Health, & the Environment...

## Idling Hurts Our World



- Car exhaust emitted while driving or idling contains: Nitrogen Oxides, Volatile Organic Compounds, Particulate Matter, Carbon Monoxide, and Carbon Dioxide. Excessive amounts of these chemicals in the air contribute to air pollution.
- An idling vehicle emits 20 times more pollution than one traveling at 30 miles per hour.
- Every gallon of gas burned produces more than 20 pounds of greenhouse gases!
- For every 10 minutes your engine is off, you'll prevent one pound of carbon dioxide from being released (carbon dioxide is the primary contributor to global warming).

## Idling Makes People Sick

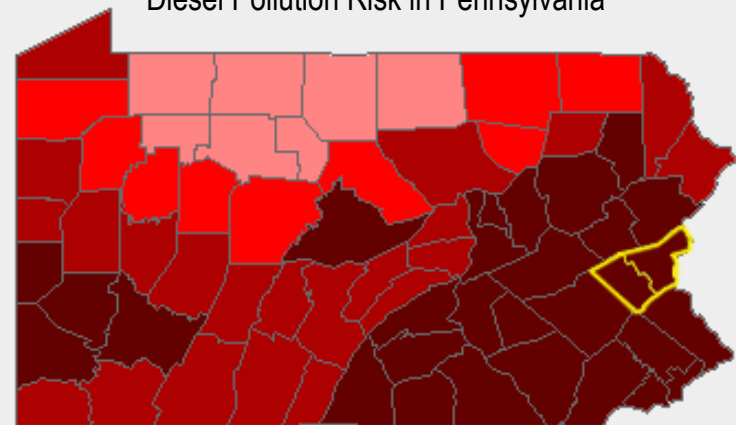
- Air pollution levels above the federal standard can: aggravate asthma, aggravate allergies, cause coughing or difficulty breathing, decrease lung function, exacerbate cardiovascular problems, lead to chronic bronchitis, further worsen the symptoms of upper respiratory illnesses (particularly among children).
- Emissions are still present and harmful, even when you can't see the exhaust.
- Exhaust emissions increase school absences, ER visits, and even premature deaths.
- Children, whose lungs are still developing, breathe more rapidly and inhale more pollutants per pound of body weight than adults.



## Be Idle Free!

- If you're going to be stopped for more than 60 seconds, turn your engine off (except in traffic).
- Use alternate means to get around: walk, bike, or carpool instead.
- Drive the vehicle to warm up the car instead of idling it.
- Spread the word to family, friends, neighbors, and school bus drivers. It is an easy way to help create more sustainable community!
- In your area school district, encourage a no idling policy.
- If we were able to cut idling time in half in the U.S. through education and outreach, the result would be preventing between 7 and 26 million tons of Carbon Dioxide from entering the atmosphere each year.

## Diesel Pollution Risk in Pennsylvania



Low High

Map Courtesy of Clean Air Task Force

## Idling Wastes Money



- When you adopt alternatives to long-duration idling, you save money on fuel expenses and reduce engine maintenance costs.
- Idling cumulatively wastes more than 10 billion gallons of gasoline each year.
- Idling causes spark plugs to become dirtier more quickly. This can cause an increase in fuel consumption by 4 to 5 percent.
- 10 seconds of idling uses more fuel than turning on the engine and restarting it.
- For each hour spent idling, a typical truck burns approximately one gallon of diesel fuel, and a typical car wastes 1/5 of a gallon of gasoline.

## Idling Gets You Nowhere!

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