

Burn Wise

The U.S. Environmental Protection Agency's Burn Wise program supports States, Tribes and communities with a variety of educational, regulatory and voluntary approaches to reduce particle pollution from residential wood-burning.

Learn more in EPA's resource document **Strategies for Reducing Residential Wood Smoke**: <http://epa.gov/burnwise/pdfs/strategies.pdf>.

Why Care About Residential Wood Smoke?

29

Million

Wood-Burning
Fireplaces

12

Million

Wood Stoves

243

Thousand

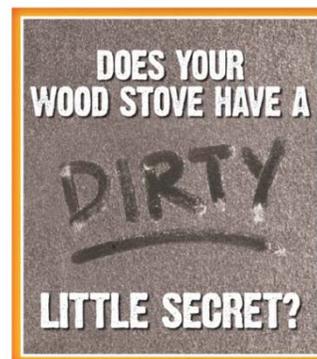
Hydronic Heaters

Residential wood smoke causes many counties throughout the U.S. to either exceed the national health-based standards for fine particle pollution or places them at the cusp of exceeding the standards.

People with heart disease are at risk of increased heart attacks, heart failure and stroke from exposure to particle pollution in wood smoke. Smoke can also trigger asthma attacks and aggravate other lung diseases.

What Educational and Outreach Tools Are Available?

EPA supports educational and outreach activities by States, Tribes and communities to reduce residential wood smoke. Outreach tools include multimedia and print products, which are available on the Burn Wise website at: www.epa.gov/burnwise. Copies are available upon request.



<http://www.epa.gov/burnwise/pdfs/dirtysecretbrochure2011.pdf>



For More
Information:

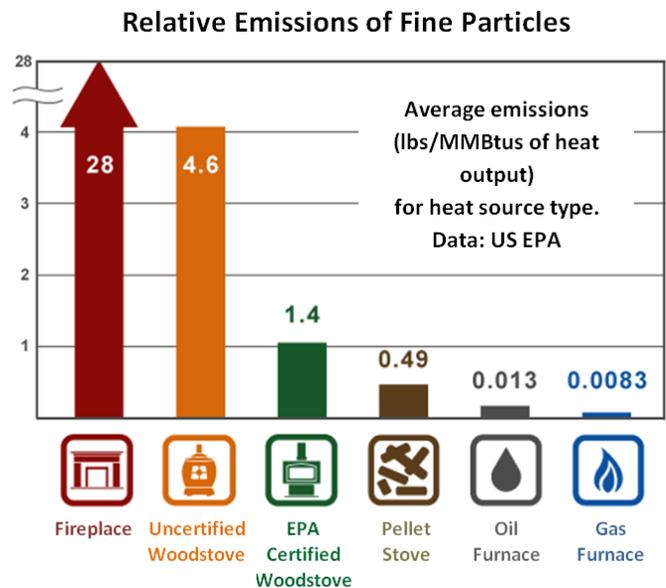
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Burn Wise

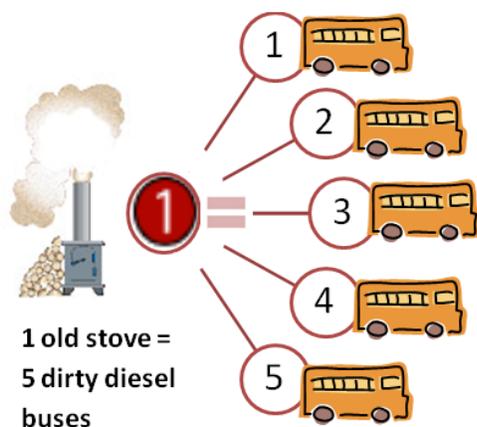
What Regulatory Approaches Are Available?

EPA's Residential Wood Heater New Source Performance Standard (NSPS) requires wood stoves and fireplace inserts to be certified by EPA for lower emissions. Other regulatory options available to communities include:

- Burn bans
- Opacity and visible emission limits
- Wood moisture limits
- Removal of old wood stoves upon resale of homes
- Bans on non-EPA certified wood stoves
- Bans on wood-burning devices in new construction
- Hydronic heater (wood boiler) emission rules



What Voluntary Programs Are Available?



EPA encourages the use of incentives to replace or retrofit old, high-polluting wood-burning appliances with cleaner models such as a wood-stove changeout program.

Benefits can be significant. For example changing out one old, dirty wood stove is equivalent to eliminating particle emissions from five dirty diesel buses.



For More
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