

# Wood Smoke Reduction Program

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**Board of Directors  
Santa Barbara County  
Air Pollution Control  
District**

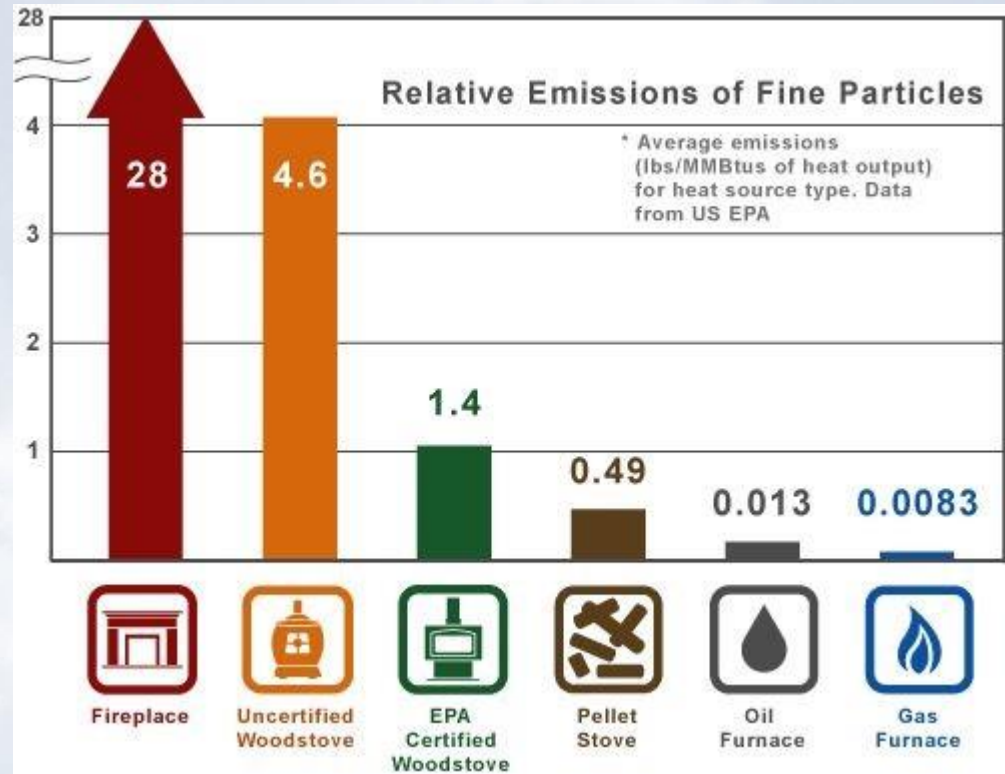
**March 16, 2017**

**Krista Nightingale  
Air Quality Specialist**



# Overview

- Background
- Goals
- Funding
- Program Details
- Next Steps
- Questions



<https://www.epa.gov/burnwise/burn-wise-energy-efficiency>

# Background – Neighborhood Impacts

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- Wood smoke contains:
  - Particulate Matter (PM)
  - Reactive Organic Compounds (ROCs)
  - Nitrogen Oxides (NO<sub>x</sub>)
  - Carbon Monoxide
  - Black Carbon
- Negative health effects:
  - Reducing lung function
  - Aggravating heart and lung diseases
  - Triggering asthma



# Background – County and State

- The District hears about neighborhood impacts of wood smoke
- County air exceeds state Particulate Matter Standards
- State efforts to reduce Short Lived Climate Pollutants
- Successful voluntary wood smoke reduction programs around the State
- Great success with other voluntary incentive programs within our County (Old Car Buy Back)



# Background – Outreach



## Public Service Announcement

FOR IMMEDIATE RELEASE  
November 21, 2016

### CONTACT

Santa Barbara County Fire Department: Captain Dave Zaniboni, Public Information Officer, 805-681-5531  
Santa Barbara County Air Pollution Control District: Lyz Hoffman, Public Information Officer, 805-961-8819

## Tips for Cleaner Fireplace Burning and Safer Homes

SANTA BARBARA, Calif. — The Santa Barbara County Fire Department and the Santa Barbara County Air Pollution Control District announced today tips for cleaner fireplace burning and safer homes. As the weather cools, and the holiday season approaches, it is important to remember that fireplace fires can cause emergencies, and breathing wood smoke is bad for our lungs and our hearts. Follow these suggestions for a safer and healthier community.

**Learn before you burn**

Research estimates that **70%** of smoke from chimneys can actually reenter your home or your neighbor's home

Particles from smoke trigger asthma attacks and impact the lungs and heart

Be a good neighbor...  
...notice your smoke

Clean your chimney

Don't burn trash

Convert to a clean-burning gas fireplace

@OurAirSBC

ourair.org

Santa Barbara County Air Pollution Control District



# Program Goals

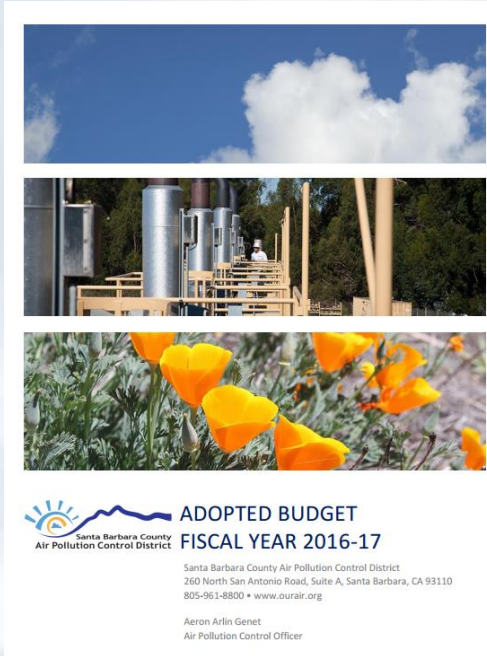
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- Improve public health by reducing neighborhood wood smoke pollution
- Address the public's concerns about wood smoke through voluntary incentive pilot program
- Build a foundation for an expanded voluntary program should funding be available



# Funding

- \$30,000 approved under Community Programs in FY 16/17 Budget



Type of Wood Smoke Reduction	Proposed Pilot Program Incentive Amount
Wood-Burning Device Replacement	\$1,000
Wood-Burning Device Removal	\$500

# Program Details

Apply for Voucher

Receive Voucher

Complete Project

Receive Incentive  
Funding

- Project and incentive amount will be preapproved by the District
- First come, first serve based on the date on which the District deems the application complete






# Next Steps

- Board Action: Adopt resolution that authorizes the creation of the Wood Smoke Reduction Program
- Upon Board action begin Countywide outreach
  - Finalize application and outreach materials
  - Launch with press release and outreach to dealers
  - Additional outreach planned as response warrants

Wood Smoke Reduction Program  
**Voucher**



Santa Barbara County  
Air Pollution Control District

APPLICANT INFORMATION		
Name:		
Mailing Street Address:		
City:		ZIP Code:
Phone:	Email:	
Project Physical Address (if different from mailing address):		
City:		ZIP Code:
Voucher Issue Date:	Voucher Expiration Date:	Voucher Amount:

Thank you for your Wood Smoke Reduction Program Voucher Application.  
Your application was deemed complete on \_\_\_\_\_.  
You have until \_\_\_\_\_ (90 days from application completeness date) to submit this project voucher.

PROJECT COMPLETION CHECKLIST
<input type="checkbox"/> Completed Project Voucher Form <input type="checkbox"/> Final Invoice from Dealer/Installer/Contractor? <input type="checkbox"/> After-Project Photos? <input type="checkbox"/> Finalized Building Permit

Final Invoice must include:	After-Project Photos Guidelines:
<ul style="list-style-type: none"><li>• Sales receipt/paid invoice for replacement device (with the purchase date after the date the voucher was issued).</li><li>• Invoice(s) for equipment and labor directly related to the project.</li><li>• A copy of the scrappage certificate from a recycling facility, if you are replacing or decommissioning a fireplace insert or wood burning stove.</li></ul>	<p>Removal:</p> <ul style="list-style-type: none"><li>• Show how old wood-burning device and chimney was rendered inoperable and background showing location.</li><li>• If manufacturer tags and specifications of old wood-burning device are now accessible, include photos.</li></ul> <p>Replacement:</p> <ul style="list-style-type: none"><li>• Show new gas/propane device including the background to show the new device location.</li><li>• If location is different from that of the previous wood-burning device, include a photo showing how the previous location was rendered inoperable.</li><li>• If manufacturer tags and specifications of old wood burning device are now accessible, include photos.</li><li>• Show outside of chimney, including top and gas flue pipe.</li></ul>

If the project will be modified from the project originally proposed, please contact the APED to update and confirm eligibility. Please note that if the proposed project is modified, funding is no longer guaranteed.

# Questions?

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