




air pollution control district
SANTA BARBARA COUNTY

Agenda Date: January 16, 2020
Agenda Placement: Admin
Estimated Time: N/A
Continued Item: No

Board Agenda Item

TO: Air Pollution Control District Board

FROM: Aeron Arlin Genet, Air Pollution Control Officer 

CONTACT: Lorena Saldana, Executive Assistant/Board Clerk (805-961-8853)

SUBJECT: District Grant Program Activity

RECOMMENDATION:

Receive and file the following:

1. An update on the Old Car Buy Back Program for vehicles retired during the period of October 1, 2019 through November 30, 2019; and
2. An update on the Woodsmoke Reduction Program for fireplace and stove replacement projects during the period of October 25, 2018 through December 26, 2019.

DISCUSSION:

Grant fund allocation reports by city for the District's Old Car Buy Back Program as well as the Woodsmoke Reduction Program are being provided.

ATTACHMENTS:

- A. Old Car Buy Back Program Update
- B. Woodsmoke Reduction Program Update

OLD CAR BUY BACK PROGRAM UPDATE

The District's Old Car Buy Back Program currently pays Santa Barbara County vehicle owners \$1,000 to voluntarily retire their fully legal and operational 1995 or older, light or medium duty car, truck, van, or SUV.

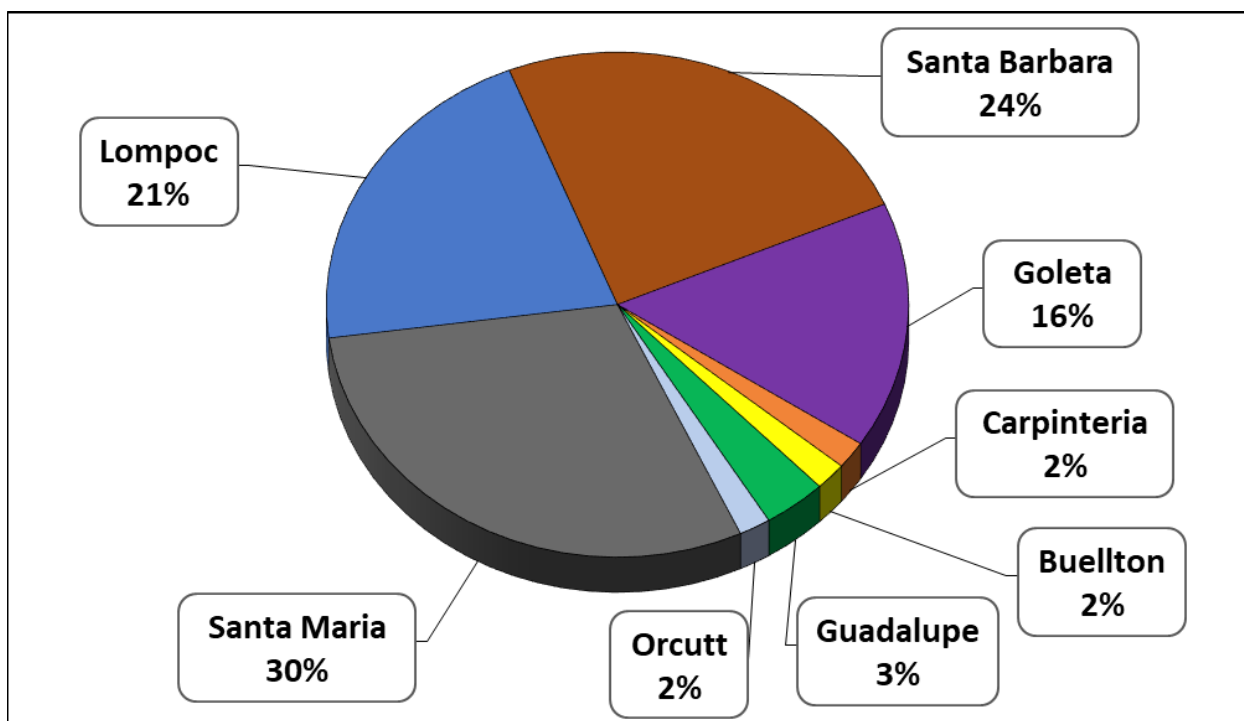
The three regional dismantlers earned \$250 for each vehicle that they helped retire. Currently, the total program cost is \$1,250 to retire a vehicle.

The program accelerates the improvement of air quality by removing high polluting vehicles from the road, quicker than normal vehicle attrition. Funding for the program is primarily derived from \$2 DMV registration surcharge funds.

Fiscal Year 2019-20: Budget for Old Car Buy Back	\$700,000
Fiscal Year 2019-20: Old Car Buy Back Expenditures	\$146,250
Fiscal Year 2019-20: Remaining Balance	\$553,750

VEHICLES RETIRED: OCTOBER 1, 2019 THROUGH NOVEMBER 30, 2019	57
\$ COMMITTED: [57 VEHICLES @ \$1,250/VEHICLE]	\$71,250
TOTAL PROJECT TONS REDUCED [NOX + ROC + PM]:	4.96
AVERAGE PROJECT COST-EFFECTIVENESS	\$13,908/ton

VEHICLE OWNER LOCATION *



*For vehicles retired from October 1, 2019 – November 30, 2019.



Woodsmoke Reduction Program Update

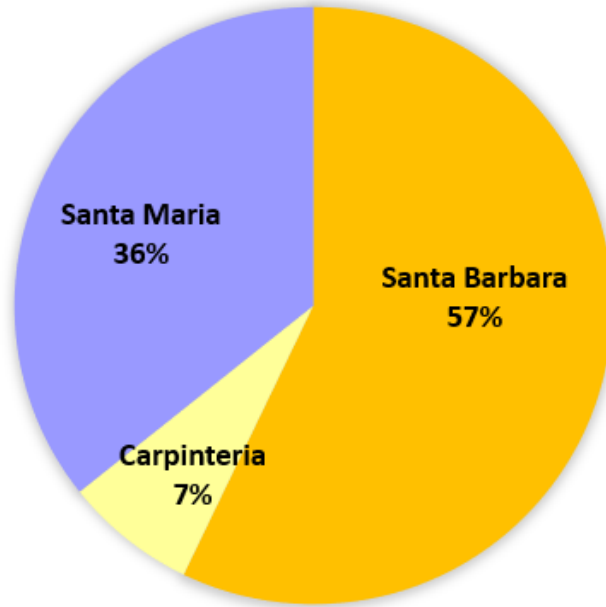
This voluntary program is designed to help households replace a wood-burning uncertified stove, fireplace insert, or fireplace used as a primary source of heat with a cleaner-burning and more efficient device. Applicants who meet low-income eligibility requirements may qualify for an Enhanced Incentive Voucher of up to \$5,000. All other Applicants may qualify for the Standard Voucher of up to \$1,000. Program funds come from California Climate Investments, a statewide initiative that puts Cap-and-Trade dollars to work.

The program improves air quality and mitigates neighborhood impacts by reducing the amount of woodsmoke emitted from fireplaces and wood stoves in the county, which accounts for about 33 percent of wintertime particulate matter (PM_{2.5} and PM₁₀) emissions. In addition to particulate matter, woodsmoke contains soot, dioxins, carbon dioxide, and volatile organic compounds. Breathing woodsmoke can reduce lung function, aggravate heart and lung diseases, and trigger asthma. The program also achieves reductions in black carbon, a short-lived climate pollutant emitted when wood burns.

Year 1 Fireplace and Stove Replacements (October 25 th 2018 – December 26 th 2019)						
Household Type:	Vouchers Issued	Projects Completed		\$ Expended	PM _{2.5} (lbs) Reduced	Black Carbon (lbs) Reduced
		Wood Fireplace to Gas Insert	Wood Stove to Gas Stove			
Low Income	50	42	1	\$211,978	81,536	10,192
Other	16	11	1	\$12,000	22,119	2,765
Total	66	53	2	\$223,978	103,655	12,957
Year 1 Program Budget				\$225,000		
Year 1 Program Balance				\$1,022		
Cost Effectiveness (\$/ton PM_{2.5})				\$4,225		

Year 2 Fireplace and Stove Replacements (December 12 th 2019 – December 26 th 2019)						
Household Type:	Vouchers Issued	Projects Completed		\$ Expended	PM _{2.5} (lbs) Reduced	Black Carbon (lbs) Reduced
		Wood Fireplace to Gas Insert	Wood Stove to Gas Stove			
Low Income	14	0	0	\$0	0	0
Other	0	0	0	\$0	0	0
Total	14	0	0	\$0	0	0
Year 2 Program Budget				\$100,168		
Year 2 Program Balance				\$100,168		

Project Location (Year 2 Vouchers)



How Applicants Learned of Program (Year 2)

