



Idle Free
for a healthier
community!

Public Health 2017-2018
Alhambra High School
Jobette Jingco and Lindsey Osmer

What is idling?

Idling is running the vehicle's propulsion engine while the vehicle is NOT moving.



YET...it costs money, contributes to climate change and impacts community health!

Idling = Pollution

The general term for air pollutants is particulate matter (PM). PM can...

- aggravate asthma
- decrease lung function
- worsen cardiovascular problems



Who is most affected by air pollution?

The elderly and young children!



Idling → Climate Change

Every 10 minutes of idling
pound of CO₂ emissions!



- CO₂ is the primary contributor to climate change
 - One fourth of all CO₂ emissions are caused by idling vehicles!
- Idling emits the same amount of pollution as moving vehicles
- Emissions from the transportation sector are a major source of pollution in Contra Costa County

Martinez Unified School District Board Presentation

Public Health Students addressed the Martinez Unified School District Board, and proposed that the district adopt a resolution to eliminate idling on district property. The resolution passed in June 2017.



Martinez City Council Proclamation Approved - January 2018



Alhambra Public Health Students at City
Council meeting - January 2018



Ongoing Campaign to Reduce Idling

Public Health Internship - Spring 2018 -
CCC Department of Conservation and
Development

Worked with

- Jody London - Sustainability Coordinator
- Jessica Williams - Community Focus
(nonprofit to promote healthier communities)



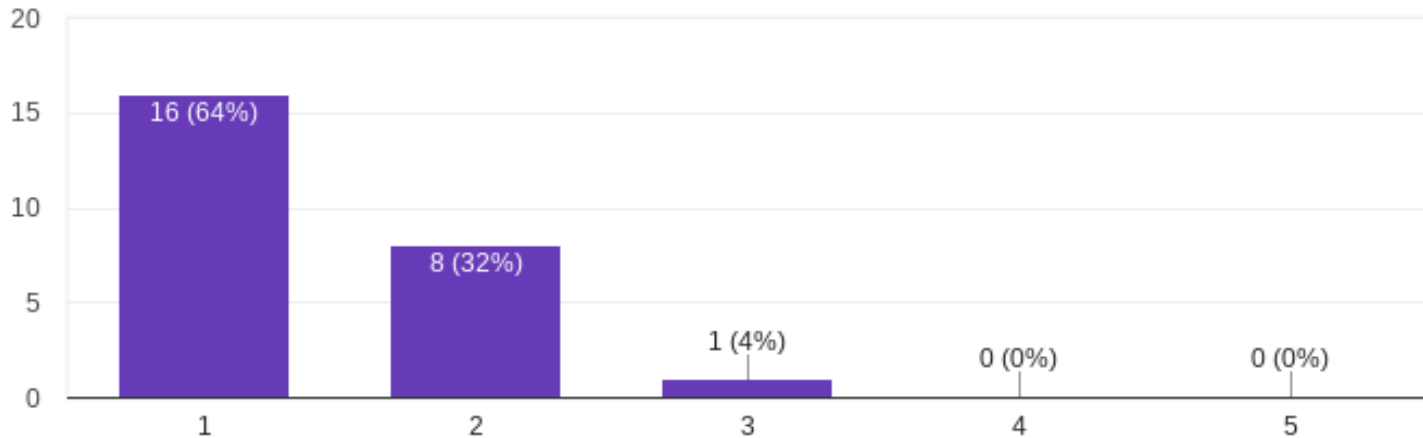
Idle Free Pledge in Contra Costa County

- On April 24, 2017 the Board of Supervisors took the Idle Free Pledge
 - encouraged Contra Costa County employees and residents to also take the Pledge
- 138 County employees took the pledge out of nearly 9,900 employees total

Idle Free Follow-Up Survey

After taking the Idle Free Pledge, how many times in a week do you still idle for more than 30 seconds?

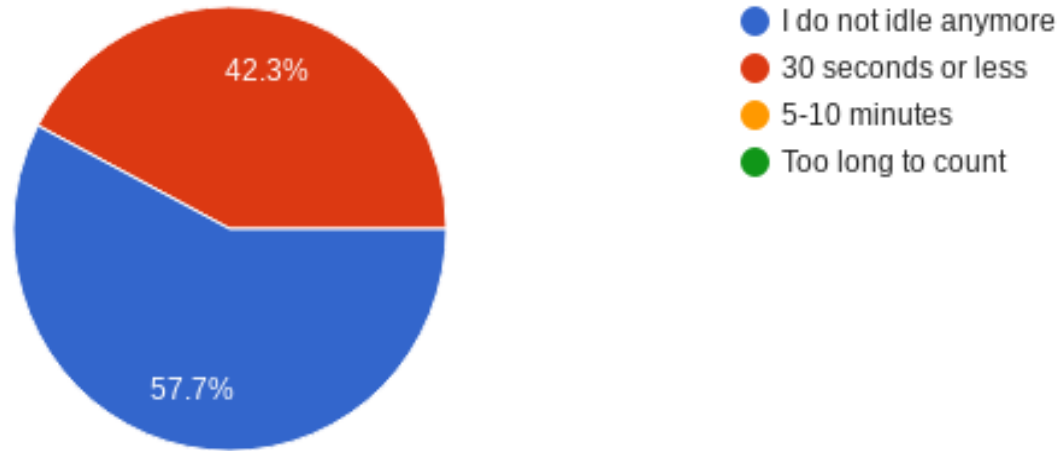
25 responses



Idle Free Follow-Up Survey

When you do idle, how long do you idle for each time?

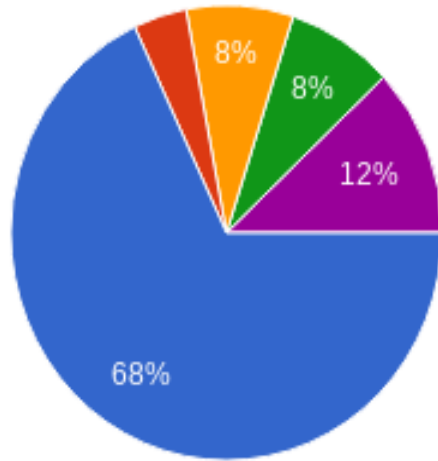
26 responses



Idle Free Follow-Up Survey

If you still idle, why do you continue to do it?

25 responses



- I do not idle anymore
- I think it damages my vehicle
- Convenience of keeping the car on
- Ability to control the temperature
- I forget to turn the car off

Suggestions from Survey Respondents

- More posted signs, especially in school drop-off and pick-up lines
- Idle Free car stickers and window clings
- Radio broadcasts
- Work with driving instructors to educate students and teach them not to idle
- Public Service Announcements
- Billboards
- Bookmarks
- Small timers

What the County Can Do

- Post idle free signs at County offices,
- More direct messaging to County employees
- Idle Free stickers in County fleet vehicles
- Consider policy that prohibits idling in County vehicles



Next Steps at Alhambra High

- Approach Shell to promote Idle Free Pledge to employees
 - Promote idle free actions at gas stations
- Approach DMV and ask to promote idle free actions to drivers
 - Highlight in offices to employees, as well as drivers



Idle Free Pledge



<https://idlefreebayarea.org/idle-free-pledge/>