

Diesel Idle Reduction Campaign

- **Mission:** Initiative aimed at decreasing diesel emissions and improving air quality in Metropolitan Washington Region
- **Purpose:**
 - Increase idle reduction awareness and control diesel emissions.
 - Promote idle reduction as a positive behavior that helps bus and truck drivers to avoid fines, save money, and cut fuel costs.
 - Improve public health and protect the environment.
- **Audience:** motorcoach and truck drivers
- **Led by** the Metropolitan Washington Council of Governments (COG), in collaboration with the District, Maryland, and Virginia.

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Diesel Idling Laws

	District of Columbia	Maryland	Virginia
Regulation:	3 minutes	5 minutes	10 minutes
Exemptions:	<ul style="list-style-type: none"> Private non-commercial passenger vehicles Temperatures below 32 F (vehicles may idle for 5 minutes) When necessary for the operation of power takeoff Equipment such as dumping beds, cement mixers, refrigeration systems, winches, or shredders 	<ul style="list-style-type: none"> Traffic conditions or mechanical difficulties Heating, cooling, or auxiliary equipment Conform to manufacturer's specifications Accomplish intended use 	Auxiliary power
Enforcement:	Multiple agencies including DOEE, metro police, and parking enforcement personnel	State Highway Patrol Difficult to enforce due to exemptions	Virginia Department of Environmental Quality

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Campaign Materials

KNOW THE IDLING LAWS TurnYourEngineOff.org

3	5	10
Area: District of Columbia	Area: Maryland	Area: Virginia
Regulation: 3 minutes	Regulation: 5 minutes	Regulation: 10 minutes
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REDUCE YOUR EMISSIONS STARTS WITH YOU

- Don't idle for extended periods. Use a timer to remind you when to turn off the engine.
- Turn off the engine when you stop for more than a few minutes.
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Don't idle. Avoid the fine.

Turning your engine off is one of the easiest and most effective ways you can take to help improve air quality. The steps will help you to save money, save energy and look good.

For more information, visit TurnYourEngineOff.org.

Don't idle. Avoid the fine.

Don't pay for dirty air.

KNOW THE LAWS

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LEARN ABOUT THE CAUSE

According to the EPA, idling is a major source of air pollution. It is a leading cause of smog and is a major contributor to global climate change. Idling also wastes fuel and increases the amount of money you spend on gas.

HOW TO TAKE ACTION

- Turn off the engine when you stop for more than a few minutes.
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Campaign Materials

Avoid the fine. Don't idle.
TurnYourEngineOff.org



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Driver Surveys

- To reach drivers passing through the greater DC area, we deployed street teams to:
 - Provide information about the different laws governing DC, MD and VA;
 - Distribute info cards with details on idling laws and environmental impact; and
 - Gather survey information about company policies governing engine idling
- Drivers were given a \$5 gift card to either Pilot or Travel America for taking the survey

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Location Overview

State	Location	Date	# Surveys	# Info Cards
DC	American History Museum, 14 th and Constitution NW	Sunday, 3/31	12	9
	Newseum, 6 th and Penn NW	Sunday, 3/31	18	22
	Air & Space Museum, Jefferson Dr. and 3 rd /4 th st SW	Sunday, 3/31	22	25
MD	I-70 Welcome Center, Westbound	Wednesday, 3/27	19	32
	I-70 Welcome Center, Eastbound	Wednesday, 3/27	28	35
	I-95 Welcome Center, Northbound	Wednesday, 4/3	22	25
	I-95 Welcome Center, Southbound	Wednesday, 4/3	17	18
VA	Pentagon City Mall, S. Hayes St	Saturday, 3/30	19	18
	Dale City South Trucks-only Rest Stop	Wednesday, 4/3	33	37
	Dale City North Trucks-only Rest Stop	Wednesday, 4/3	35	42

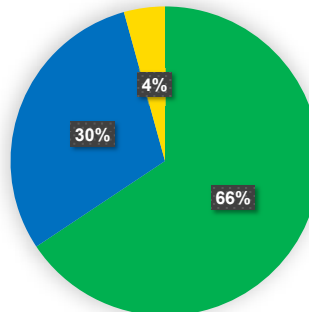
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Company Type

Company	# Respondents
Trucking	153
Motorcoach	70
Other	10
TOTAL	233

Company Type



OTHER includes:

- Self-identified drivers for companies that are not traditional trucking companies
- Ex: Walmart, UPS, FedEx

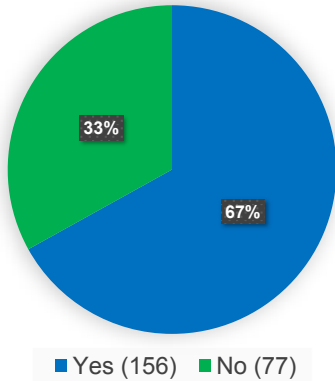
■ Trucking Company ■ Motorcoach Operator ■ Other

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Idling Policy

Does Your Company Have an Existing Engine Idling Policy?



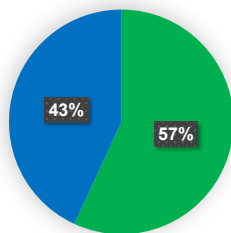
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Idling Policy by Company Type

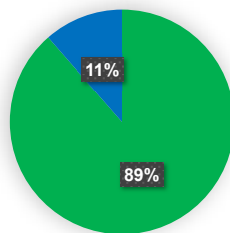
Does Your Company Have an Existing Engine Idling Policy?

Trucking Companies



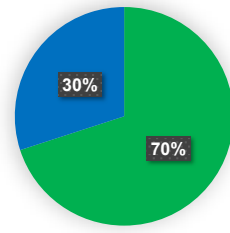
■ Yes (87) ■ No (66)

Motorcoach Operators



■ Yes (62) ■ No (8)

Other



■ Yes (7) ■ No (3)

Top Policies

- Shutdown engine after 3-5 minutes (31)
- Don't idle ever (29)
- Auto shutdown after 0-5 minutes (27)
- Engine idling centrally monitored (8)

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Policy Categories

Top Policy Categories

- Never idle
- Manual shutdown
- Auto-shutdown
- Weather-related
- Technology-related
- State laws and regulations

Never Idle policies

- Don't idle (27)
- Don't idle in DC (3)
- Don't idle, don't waste our fuel (2)
- Only idle when necessary for job

Manual Shutdown policies

- Shutdown engine after 2 minutes (4)
- Shutdown engine after 3 minutes (12)
- Shutdown engine after 4 minutes
- Shutdown engine after 5 minutes (17)
- Shutdown engine after 10 minutes (4)
- Shutdown engine after 15 minutes (3)
- Shutdown engine after 20 minutes
- Shutdown engine after 3 minutes in DC

State Laws and Regulations

- No company policy, just have to follow regulations and state laws (6)

Automatic Shutdown policies

- Engine automatically shuts down (7)
- Engine cuts off after 200 seconds
- Engine cuts off after 2 minutes (4)
- Engine cuts off after 3 minutes (9)
- Engine cuts off after 5 minutes (6)
- Engine cuts off after 10 minutes
- Engine cuts off after 15 minutes
- Engine cuts off after 30 minutes

Weather-related policies

- Idle at 0 degrees, Idle at 100 degrees
- Can idle if temp is over 70 and below 40
- Turns off automatically after 3 minutes except if it's under 40 degrees
- We don't idle. The trucks have separate generators for heat
- Turn off your engine after 3 minutes in summer and 5 minutes in the winter

Technology policies

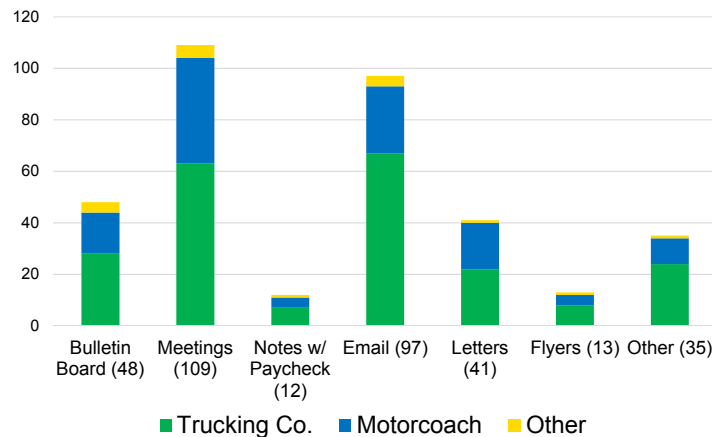
- Tripac technology instead of keep the engine idling.
- Run Auxiliary Power Unit (3)
- Engine idling monitoring system that notifies drivers.
- Diesel exhaust monitoring system
- We are monitored by a meter
- EOD monitoring system that monitor idling
- They monitor the idling through a tracking system
- They electronically monitor idle times and provide alerts on the cell phone.
- We get messages and emails.
- They have cameras and sensors.

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Policy Communications

How does your company provide information on idling policies and regulations?



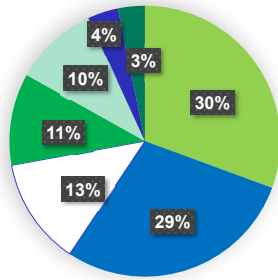
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Policy Communications

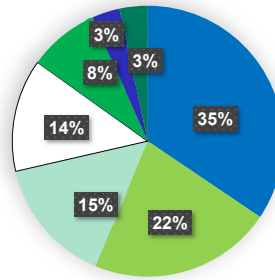
Trucking Companies

- Email (67)
- Meetings (63)
- Bulletin Board (28)
- Other (24)
- Letters (22)
- Flyers (8)
- Notes w/ Paycheck (7)



Motorcoaches

- Meetings (41)
- Email (26)
- Letters (18)
- Bulletin Board (16)
- Other (10)
- Flyers (4)
- Notes w/ Paycheck (4)



OTHER includes:

- Text messages
- Phone apps
- Orientation training
- Word of mouth

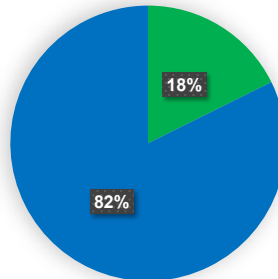
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Incentives

Does your company offer incentives to drivers who do not idle their engine?

- Trucking Cos.
95% do not have incentives
- Motorcoaches
65% do not have incentives



■ Yes (41) ■ No (191)

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Top Incentives

Top Incentives

- Financial Bonuses (22)
- Gift cards (6)

Other Responses

- We get an extra 2 cents of the miles we drove
- We get paid more for lower mileage.
- Rewards programs.
- Yearly banquet that honors those who have maintained clean idle driving.
- Idle free sustainable energy safety bonus tied into idle time
- They are in currently in the process of finalizing the incentive program.

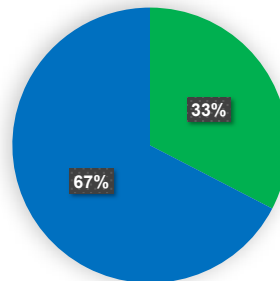
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Consequences

Are there consequences for drivers who violate the company's engine idling policy?

- Trucking Cos.
19% have consequences
- Motorcoaches
62% have consequences



■ Yes (75) ■ No (155)

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Top Consequences

Top Consequences

- Trucking Companies – loss of bonus
- Motorcoach Operators – warnings and financial responsibility for paying any fines, citations or tickets

Other Responses

- Warnings (14)
- Suspension (11)
- Reduction/loss of bonus money (9)
- Pay their own tickets (9)
- Fines (7)
- Increasing severity of penalties for repeat violations (7)
- Termination (5)
- Pay for own gas (5)
- Citations (4)
- Reduction in pay

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Carrots or Sticks?

Consequences

		YES	NO
Incentives	YES	13%	5%
	NO	21%	62%

62% of companies don't have incentives OR consequences for drivers to follow the policy.

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Analysis

Top Takeaways

- Motorcoach operators are less likely to have their own policies, and instead have a “follow the law” policy
- Motorcoach operators are more likely to have consequences than incentives, and most have to do with drivers assuming responsibility for any tickets/fines for violating the law.
- For trucking companies, majority of incentives/consequences are financial
- The majority of companies don't have either incentives or consequences
- Policies and/or enforcement are increasingly being communicated via mobile devices

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