

District of Columbia Air Quality Division

Compliance and Enforcement Branch (CEB)

Engine Idling Enforcement Leela Sreenivas, Chief

May 25, 2005

CEB's Responsibility and Goal

Enforcement of:

- District Air Quality Regulations.**
- Federal Air Quality Regulations.**

CEB's focus is to bring sources of air pollution into compliance with regulations to improve the air quality in the District of Columbia.

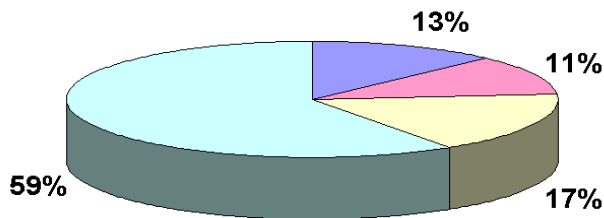
What is Engine Idling?

Engine Idling is the excessive idling (running) of a vehicle while the vehicle is:

- a. Parked**
- b. Stopped**
- c. Standing**

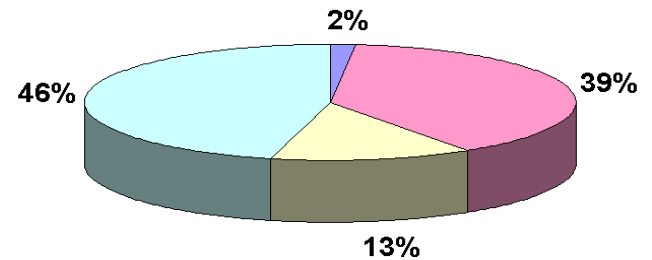
DC's Air Pollution - Summer Day

NOx
27 tons/day



■ Point ■ Area ■ Non-road ■ On-road Mobile

VOCs
33 tons/day



■ Point ■ Area ■ Non-road ■ On-road Mobile

Source: 1999 Periodic Emissions Inventories

What are the Components of Exhaust?

Engine Idling is the single largest source of Air Pollution in the District, and it fouls the air with:

- a. Carbon Monoxide
- b. Nitrogen Oxide
- c. Volatile Organic Compounds
- d. Soot

Problems with Engine Idling

- Engine idling erodes buildings and monuments, and is a key component of ground level ozone.
- Exhaust from diesel trucks and buses is so unhealthy, it has been linked to heart attacks, cancer and respiratory problems.

Engine Idling Enforcement

- To protect the people who live and work in Washington, and visitors who come to the Nation's Capitol each year, and the Environment, the District of Columbia passed a regulation prohibiting Engine Idling
- The engine idling regulation is codified in Title 20 of the District of Columbia Municipal Regulations as stated below:

Engine Idling Regulations

900.1 The engine of a gasoline or diesel powered motor vehicle, the engine of a public Vehicle for hire, including buses with a seating capacity of twelve (12) or more persons, on public or private space shall not idle for more than three (3) minutes while the motor vehicle is parked, stopped, or standing, including for the purpose of operating air conditioning equipment in those vehicles, except as follows:

- (a) To operate private passenger vehicles;
- (b) To operate power takeoff equipment including, dumping, cement mixers, refrigeration systems, content delivery, winches, or shredders; or
- (c) To idle the engine for five (5) minutes to operate heating equipment when the ambient temperature is thirty-two degrees Fahrenheit (32°) or below.

Engine Idling Inspection & Enforcement

- **The Air Quality Compliance and Enforcement Branch of the District of Columbia Environmental Health Administration actively enforces this regulation**
- **Limited Resources**
- **Enforced mainly Summer**
- **Citizen Complaints**

Compliance & Enforcement

The District has embarked on an aggressive campaign to educate and eradicate engine idling problems.

1. Prior to the commencement of enforcement actions, air quality inspectors hand out the flyers in high volume engine idling areas (markets, warehouses, and certain areas where tour buses park while waiting out the day),
2. send the brochures to busing/trucking companies for postings in newsletters
3. responded to many inquires about our engine idling initiatives from other federal and state environmental programs, as well as several journalists writing articles on the issue.

Statutory Penalty

The District of Columbia Department of Health, Environmental Health Administration, Air Quality Division, actively enforces this regulation. Any person or organization that owns and/or operates a vehicle in violation of this regulation can be issued a civil infraction ticket for \$650.

Statutory Penalty Cont'd

Once a person is convicted of violating the engine idling regulation, the fine for subsequent tickets is doubled until the maximum penalty of \$5200 is reached.

ENFORCEMENT EFFORTS

The District has made a vigorous effort to eradicate Engine Idling problems. As a result of an aggressive campaign to bring drivers into compliance with our Engine Idling regulation, the District has experienced a decreased number of Notices of Infractions (tickets) issued for violations over the past several years.

ENFORCEMENT EFFORTS

The District of Columbia has won many legal challenges presented by the Engine Idling Regulation. For education purposes cases are settled for a lower penalty if :

1. it is the Respondent's first violation and
2. the Respondent makes an effort to inform other drivers (i.e. newsletters to each driver in the company, a notice attached to paychecks).

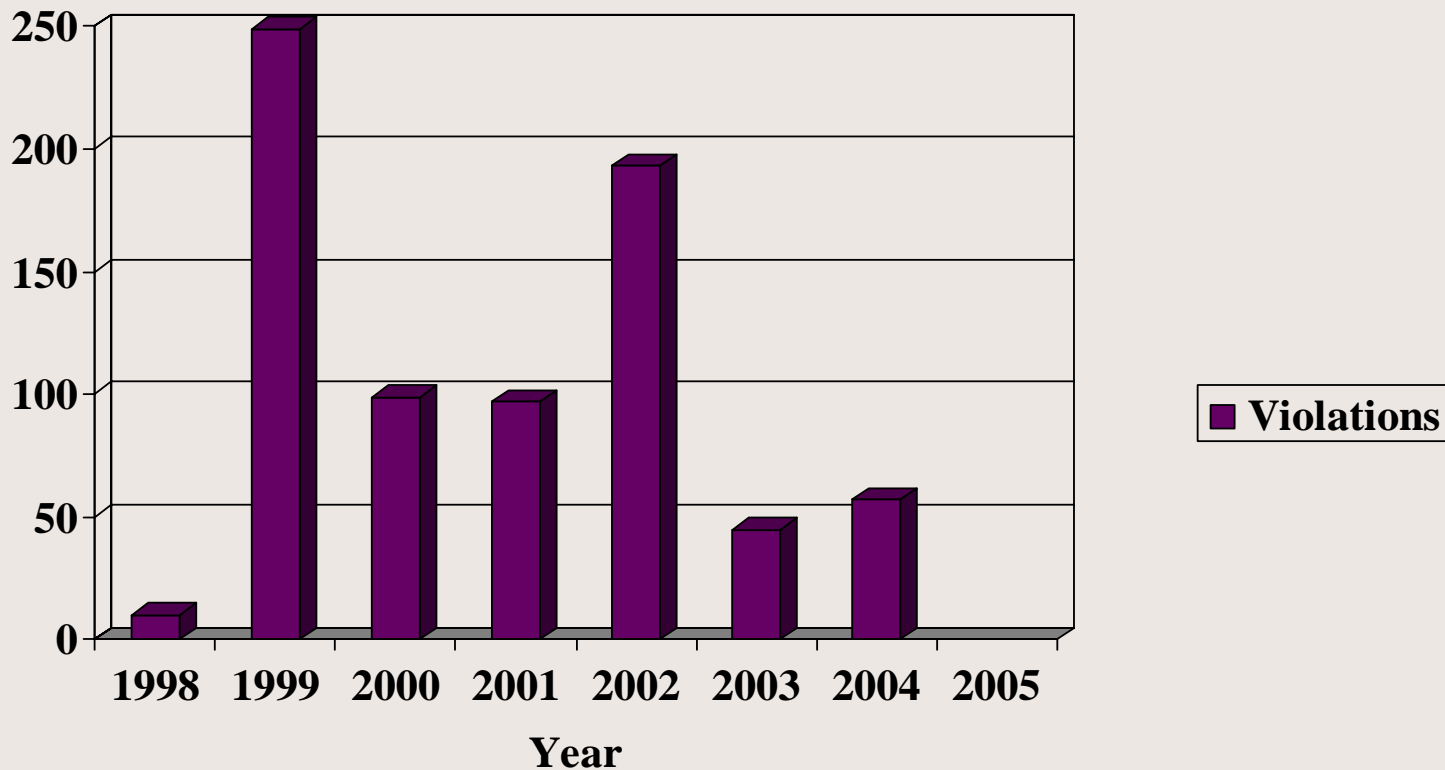
ENFORCEMENT EFFORTS

Due to the strong Compliance and Enforcement efforts, engine idling has been reduced in the District of Columbia. Below is a list of Notices of Infraction issued for violations of the engine idling regulation for the past several years.

ENFORCEMENT DATA

Year	Idling Tickets
1998	10
1999	249
2000	99
2001	97
2002	193
2003	45
2004	57

ENGINE IDLING GRAPH







DC DOH/Air Quality Division
Engine Idling Enforcement



DC DOH/Air Quality Division
Engine Idling Enforcement



DC DOH/Air Quality Division
Engine Idling Enforcement



DC DOH/Air Quality Division
Engine Idling Enforcement





DC DOH/Air Quality Division
Engine Idling Enforcement









DC DOH/Air Quality Division
Engine Idling Enforcement

Air Quality Division Contact

If you have questions, comments or complaints please contact DC Air Quality Division, using the telephone number below:

(202) 535-2250