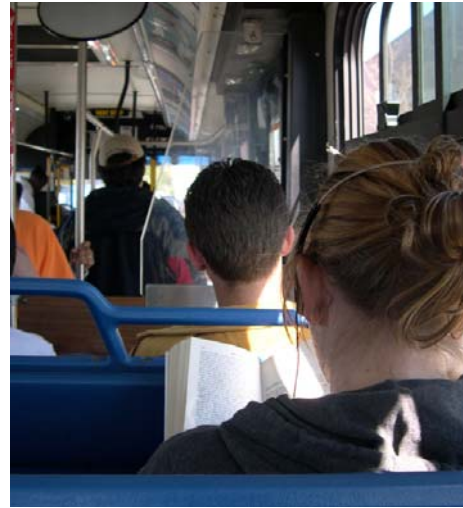


Clean the air. Save fuel. Help a child breathe easier!!

Diesel fumes from idling school buses exacerbate asthma, allergies, and chronic bronchitis and contributes to a compromised immune system and cancer. Children breathe 50% more air per pound of body weight than an adult, making their developing respiratory system especially vulnerable to air pollution. The average daily bus ride time for a student is one hour, during which time they may be exposed to 5-15 times the particulate pollution found along a roadside (Yale Study). Simple steps can be taken to minimize idling and children's exposure to dirty diesel emissions.



Simple steps can be taken to minimize idling and children's exposure to dirty diesel emissions.

Anti-idling strategies

1. Turn off engines while waiting for students to load/unload.
2. Reduce early morning idling time to limit exhaust build up in bus.
3. Designate an area in the school for drivers to wait if they arrive early.
4. Position the buses away from school air intake vents so pollution does not accumulate in classrooms.
5. Change bus circuit configuration to run lights and heating/cooling off the battery.
6. Limit caravanning—position school buses so tailpipes do not blow directly towards another bus.
7. Encourage children to sit near the front of the bus when not full.

Reduce idling time - the \$avings add up!!

If...

A school bus fleet has 100 buses,

A school bus fleet reduces idling time by 30 minutes per bus per day,

A typical school bus uses a half gallon of diesel fuel per hour of idling,

Diesel fuel costs \$1.00 per gallon,

Then...

What are the annual savings?

Fuel cost = 100 buses x 0.5 hr./day x 0.5 gallons of fuel/hr. x \$1.00 per gallon x 180 days

SAVINGS = 4,500 gallons of saved fuel and \$4,500!!

For more information on diesel clean-up options, please visit www.theOEC.org or contact Staci R. Putney McLennan at staci@theOEC.org or (614) 487-7506.