

Facts about Idling

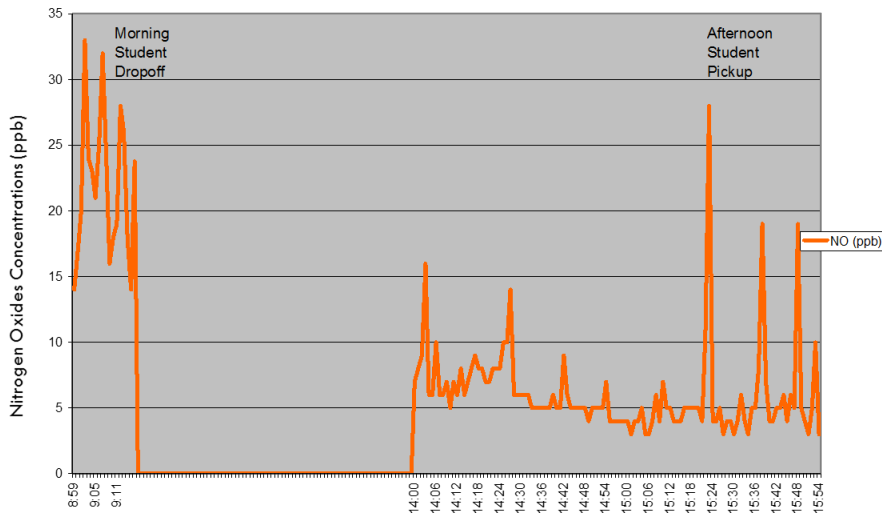


Canadian motorists idle an average of 6 to 8 minutes a day.



Source: Portland, Or

Air quality monitoring was conducted outside schools in Hamilton. Results show a large spike in pollutants during morning drop-off and afternoon pick-up.



Source: Vehicle Idling outside schools, Upwind/Downwind Conference Hamilton. Dr. Corr

Health Effects

Effects of Vehicle Emissions

- Headaches
- Aggravates Asthma and Allergies
- Lung Disease
- Impaired Learning

Children are especially vulnerable to the effects of vehicle emissions because their lungs and airways are immature. Also, their breathing zone is lower than adults so they are more exposed to vehicle exhausts and heavier pollutants that concentrate at lower levels in the air.

Vehicle Emissions

- Carbon Monoxide
- Nitrogen Oxides
- Particulate Matter
- Ground Level Ozone

Vehicle exhaust emits chemicals that have harmful effects. Carbon monoxide diminishes the blood's ability to carry oxygen to the body. Nitrogen oxides irritate upper air passages and the lungs. Other exhaust toxins such as benzene are classified as probable or definite carcinogens.

Image courtesy of the Citizens Environmental Alliance

Did you know....

Idling and Climate Change

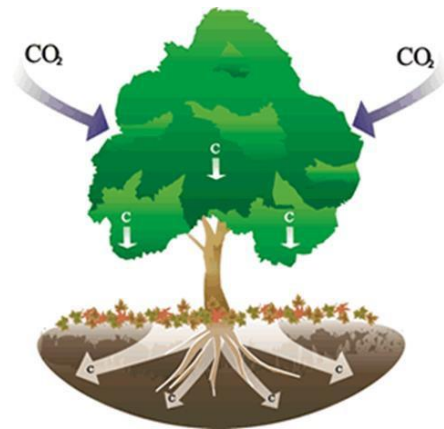


If every driver in Windsor avoided idling for 3-minutes a day, there would be a reduction of 13,000 tonnes of CO₂ (greenhouse gas).

For every litre of gasoline burned, 2.3 kg of CO₂ is emitted (2.7 kg for diesel)

No vehicle technology exists for eliminating CO₂ emissions.

To capture that amount of Carbon we would need to plant 336, 910 trees, or a forest 20 times the size of the Ojibway Nature Complex



Idling and Money

In 2014, approximately \$372.5 million dollars was spent on gasoline and diesel fuels within the City of Windsor.

If every vehicle reduced idling by 3 minutes a day, we would save \$5.65 million a year.

City of Windsor By-Law 233-2001 prohibits the excessive idling of vehicles

Idling gets you nowhere



Turn your engine OFF