



Canadian Vehicle Manufacturers' Association



Association of International Automobile  
Manufacturers of Canada

### **REDUCING EMISSIONS - REFERENCE**

1) Burning one cord of wood in your fireplace this winter will create more smog causing emissions than the entire lifetime emissions produced from 10 Tier II SUV's. In fact, you would have to drive 37 new Tier II SUV's around the earth's circumference to equal the emissions from burning that cord of firewood.

Supporting data:

<http://www.epa.gov/ttn/chief/ap42/index.html>

(under Chapter 1 – External Combustion Sources).

References:

Wood Burning Emissions: USEPA, 2003. "Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume I: Stationary Point and Area Sources," U.S. Environmental Protection Agency, contained on the Web Page: <http://www.epa.gov/ttn/chief/ap42/index.html>.  
Vehicle Emissions: USEPA, 2002. "User's Guide to MOBILE6.1 and MOBILE6.2: Mobile Source Emission Factor Model," EPA420-R-02-010, Assessment and Standards Division, Office of Transportation and Air Quality, U.S. Environmental Protection Agency, March.

2) Painting a room with one gallon (4.54 l) of interior water-based paint generates more smog causing emissions than driving a Tier II vehicle from Toronto to Vancouver and back.

Paint Emissions: Texas Commission on Environmental Quality (TCEQ) inventory guidelines for regulatory planning. TCEQ, 2003. "Example Emissions Estimate - Volatiles," Texas Commission on Environmental Quality, Web Page: <http://www.tnrcc.state.tx.us/exec/sbea/sblga/volatiles.pdf>.

Vehicle Emissions: USEPA, 2002. "User's Guide to MOBILE6.1 and MOBILE6.2: Mobile Source Emission Factor Model," EPA420-R-02-010, Assessment and Standards Division, Office of Transportation and Air Quality, U.S. Environmental Protection Agency, March.