
C7

A single bus carries as many people as 50 cars... and pollutes up to 18 times less!

A car driven in a Canadian city carries an average of 1.3 people
while a bus travelling during rush hour carries an average
of 65 people - or 50 times more than a car.

A single bus pollutes more than a single car;
However, if one considers that a bus carries an average of 65 passengers,
then, per passenger...

A bus pollutes 6 to 18 times less than a car.

• ***Pollutant emissions***

	<i>Per vehicle</i>		<i>Per passenger / vehicle</i>		<i>Proportion Bus/Car</i>
	<i>Car</i>	<i>Bus</i>	<i>Car</i>	<i>Bus</i>	
Nitrous oxide (NO – gr/km)	1.12	8.97	0.86	0.13	1/6
Carbon dioxide (CO ₂ – gr/km)*	198	1,553	152	23.9	1/6
Hydrocarbon (parts/million)	18	50	13.8	0.76	1/18

* Major cause of the greenhouse effect (ozone layer – global warming).

Source : Régie régionale de la Santé et des services sociaux de Montréal-Centre, *Pollution atmosphérique et impacts sur la santé et l'environnement dans la grande région de Montréal*, March 1998.

**— One metro train can carry as many passengers as 15 buses
and emits NO pollutants —**