

Measuring Your Impact 10

The Costs of Commuting

Imagine that you are one of 1,000 people who used to live in a downtown area and walked or took public transportation to work. Now you and the others have moved to the suburbs and drive 20 km per day each way.

- (a) How many additional kilometers are being driven each day by those 1,000 people?
- (b) How many additional kilometers are being driven each week by the 1,000 people?
(Assume that each person works 5 days a week.)
- (c) How many additional kilometers are being driven each year by those 1,000 people?
- (d) If the average car gets 10 km per liter, how many liters of gasoline will be used by those 1,000 people each year?
- (e) Assuming that you are not going to move back to an urban area or change your job, what measures could you take to lessen your impact on the environment?