# Household CO2 Footprint: Year - Address-

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| Transport and Other - Table A* Estimate travel distance in each vehicle, enter in Table A
* Look up combined fuel consumption data for each vehicle l/100km,
* If electric determine capacity of battery ‘C’ (kWhr) and range per charge ‘R’ (km). kWhr/yr = km/yr ÷ R x C
* Similar for air and boat travel,
* From utility bills calculate total units used for year and enter in Table B.
* Calculate CO2/yr by multiplying Units/yr by equivalent conversion factor.

Total up CO2/yr (kg) column to obtain Footprint kg/yr. ÷ 1000 = Mt/yr |
|   | Fuel | km/yr | kWhr/yr | l/100km | Tot. l/yr |
| Auto 1 |  |  |  |  |  |
| Auto 1 | Electric |  |  |  |  |
| Auto 2 |  |  |  |  |  |
| Auto 3 |  |  |  |  |  |
| Air (total of each passenger) |  |  |  | 2.98 |  |
| Marine (total of each passenger) |  |  |  | 3.00 |  |
| Public  |  |  |  |  |  |
|  |  | Total |  |  |  |

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| **Utilities Transport and Others - Table B** | **Conversion Factors** |
| **Usage & Purpose** | **Fuel**  | **Units** | **Units/Yr** | **CO2/Yr (kg)** | **Energy Source** | **kg CO2** |
| House & Water Heating | Gas/propane | l (kg) |  |  | 1 kWhr (Ontario) | 0.033 |
| Electric (inc. water heater if applicable) | Hydro Grid | kWhr |  |  | 1 m³ gas (0°C, 1 Bar) | 2.136 |
| Road Transport (from Table A) | Gasoline | l |  |  | 1 l gasoline | 2.433 |
| Road Transport (from Table B) | Diesel | l |  |  | 1 l kerosene | 2.530 |
| Road Transport Electric (from Table A) | Hydro Grid | kWhr |  |  | 1 l diesel | 2.665 |
| Air Transport (from Table A) | Kerosene | l |  |  | 1 kg coal | 3.430 |
| Other & Equipment (Snow Blower, Tractor) |  | l |  |  | 1 kg propane | 3.000 |
| BBQ | Propane | kg |  |  | 1 l propane | 1.525  |
|  | Propane | l |  |  | 1 l ethanol  | 1.506 |
|  |  |  | Tot. CO2 kg |  |  |  |