

Table 1: Energy consumption for personal travel.

model	miles per gallon			annual consumption		
	city	highway	weighted	gallons	10 ⁷ BTU ^b	ton CO ₂
			average ^a			
Prius	51	60	57	146	1.7	1.19
Camry	24	33	30	278	3.2	2.24
Suburban	11	15	14	595	6.8	4.76

a: based on 63% highway driving

b: the conversion of gallons consumed to BTU consumed is based on an average of 1 U.S. gallon of fuel = 115,000 BTU. Many sources report a conversion factor of 1 U.S. gallon of fuel = 125,000 BTU, but this assumes a so-called High Heating Value, which is not appropriate for motor vehicles' internal combustion engines [*Oak Ridge National Laboratory Bioenergy Conversion Factors*, http://bioenergy.ornl.gov/papers/misc/energy_conv.html]

c: the conversion of BTU consumed to CO₂ emissions is based on the average of the U.S. economy, as described in the text