

FIGURE YOUR CO₂ EMISSIONS

So how much difference does one person really make? Take this quiz and see. Most of the numbers come from American Forests, a nonprofit organization that encourages tree planting. If you want the math done for you—and to get more specific figures based on, for instance, the type of vehicle you drive—log on to americanforests.org and choose “fight climate change with trees and forests.”

YOUR ANNUAL USAGE		YOUR ANNUAL CO ₂ EMISSIONS			U.S. AVERAGE*
Electricity					
coal, oil, natural gas	_____ kWh	X	1.3	pounds = _____	16,522.3 lbs.
wind, solar, hydro, nuclear	_____ kWh	X	0	pounds = 0	
Heat					
oil	_____ gallons	X	22	pounds = _____	17,622 lbs.
natural gas	_____ therms	X	11.7	pounds = _____	11,094.3 lbs.
propane	_____ gallons	X	11	pounds = _____	5,665 lbs.
kerosene	_____ gallons	X	21.5	pounds = _____	2,153.7 lbs.
wood	_____ cords	X	3,814	pounds = _____	
Gasoline					
regular	_____ gallons	X	19.5	pounds = _____	car: 10,168 lbs. SUV: 11,972 lbs.
AIR-CONDITIONING SUPPLEMENT			195	pounds = 195	
diesel	_____ gallons	X	22.3	pounds = _____	
AIR-CONDITIONING SUPPLEMENT			195	pounds = 195	
lawn mower	_____ gallons	X	25	pounds = _____	
Other Travel					
air (miles)	_____ miles	X	0.4	pounds = _____	
air (flight segments)	_____ trips	X	364.9	pounds = _____	
train or subway	_____ miles	X	0.6	pounds = _____	
city bus	_____ miles	X	0.7	pounds = _____	
interstate bus	_____ miles	X	0.2	pounds = _____	
taxi	_____ miles	X	0.9	pounds = _____	
motorcycle	_____ miles	X	0.3	pounds = _____	
Miscellaneous					
garbage	_____ pounds	X	0.095	pounds = _____	
recycling	_____ pounds	X	0.05	pounds = _____	
Total (2,000 pounds = 1 short ton)				_____	40 short tons