






	SUBSTANCE	COMBUSTION ENERGY	CARBON CONTENT	CO ₂ YIELD
glucose		$15.5 \times 10^3 \text{ kJ / kg}$	$\approx 40\%$	$\approx 10^{-4} \text{ kg CO}_2 / \text{kJ}$
dry wood		$(15 - 18) \times 10^3 \text{ kJ / kg}$	$\approx 50\%$	$\approx 10^{-4} \text{ kg CO}_2 / \text{kJ}$
coal		$(15 - 32) \times 10^3 \text{ kJ / kg}$	$\approx 70\% - 90\%$	$\approx (1-2) \times 10^{-4} \text{ kg CO}_2 / \text{kJ}$
natural gas		$\approx 45 \times 10^3 \text{ kJ / kg}$	$\approx 75\%$	$\approx 6 \times 10^{-5} \text{ kg CO}_2 / \text{kJ}$
gasoline & diesel fuel		$\approx 45 \times 10^3 \text{ kJ / kg}$	$\approx 80\%$	$\approx 7 \times 10^{-5} \text{ kg CO}_2 / \text{kJ}$