

Personal Energy- Calculator

	Consumption of energy or cost of goods (per year)	Specific consumption per unit	Demand per person and year [kwh/year]
Household			
<i>Direct energy :</i>			
- area heated (m ²)		50 – 300 kWh /m ² *y	
- area air-conditioned (m ²)		50 – 200 kWh/m ² *y	
<i>Indirect energy:</i>			
- used area, total (m ²)		30 – 80 kWh/m ² *y	
Total Household			
Mobility			
Car			
<i>Direct energy:</i>			
- fuel [Liter Gasoline]		11 kWh/L	
- fuel [Liter Diesel]		11 kWh/L	
<i>Indirect Energy</i>			
- km driven		5 - 15 kWh/100km	
- car weight [kg]		5 kWh/kg*year	
Public Transport			
- Train [km]		10 - 50 kWh/100km	
- Bus [km]		3 - 50 kWh/100km	
- Aircraft [hours]		400 - 1200 kWh/h	
Total Mobility			
Nutrition			
- Basic consumption, plus		2000-4000 kWh/y	
- Meat [kg]		60 kWh/kg	
- Cheese [kg]		40 kWh/kg	
- Dairy products [kg]		20 kWh/kg	
- Alcoholic beverages [Liters]		10 kWh/L	
Total Nutrition			
Private consumption			
- Furniture and Appliances		0.15 kWh/US\$*year	
- Clothes, Shoes		2 kWh/US\$	
- Meals in restaurants		0.5 kWh/US\$	
- Leisuretime (w/o transport)		0.8 kWh/US\$	
- Private education		0.25 kWh/US\$	
- Books, Newspapers,		2 kWh/US\$	
Total Private consumption			
Public consumption		2'000-10'000 kWh/y	
Grand Total			

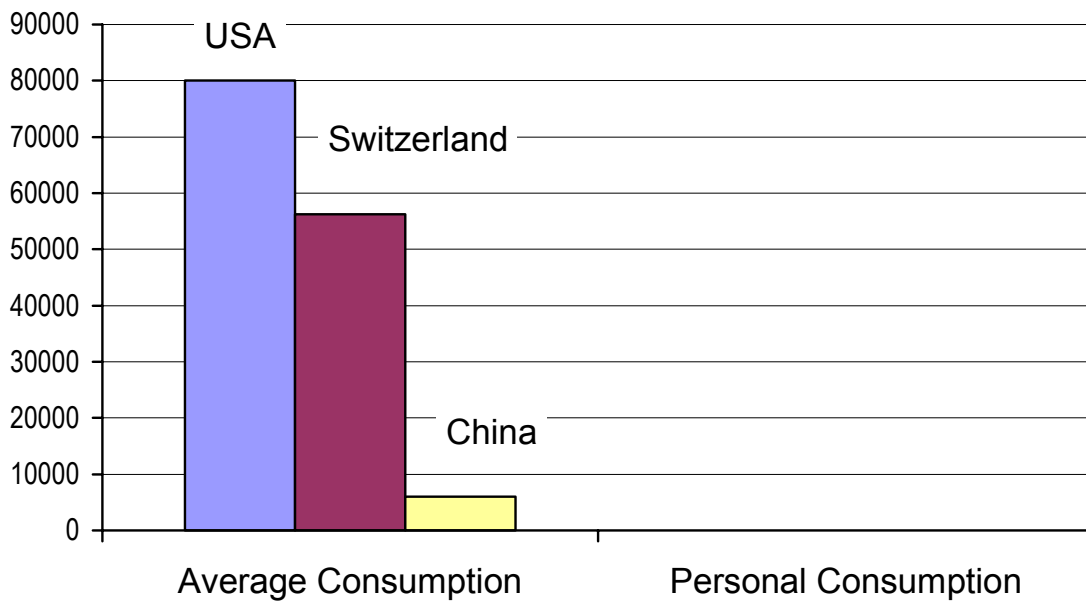
1 squarefoot ≈ 0.1 squaremeter; 1 US Gallon = 3.8 Liters; 1 mile = 1,6km; 1 US Pound = 0.453kg

For **Estimate of CO₂- Emissions:** (Grand Total) * (≈ 0,22 kg CO₂/kWh)

My Personal Energy Consumption

	Personal Consumption [kWh/person*y]	Swiss average consumption [kWh/person*y]
Household		15'400
Mobility		10'900
Nutrition		6'300
Private consumption		15'600
Public consumption		8'000
Grand Total		56'200

kWh /pers, year



My Personal CO₂- Emissions

Personal Energy Consumption

Personal CO₂ - Emissions

..... kWh/y * 0,22 kg CO₂/ kWh

..... kg CO₂/year