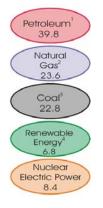


## **Use Sensible Units**

Energy: kWh
eg. boil a kettle = 1kWh
energy from food = 3 kWh/day
shower = 4 kWh
gallon gasoline = 38 kWh
aluminum can = 0.6 kWh

Flux: Watts per sq meter
Population density U.S. = 30380 m<sup>2</sup> per person
= 4 football fields per person
Population of U.S., 2007 = 301.6 million

## **U.S. Energy Consumption**



106 kWh/day per person

63 kWh/day per person

61 kWh/day per person

18 kWh/day per person

22 kWh/day per person

Total = 270 kWh/day per person

## **Energy Conservation**

Currently = 270 kWh/person per day

Europe = 125 kWh/person per day

Conservation, greater efficiency:
 higher mpg vehicles
 insulate homes
 buy less, consume less
more efficient heating and cooling

