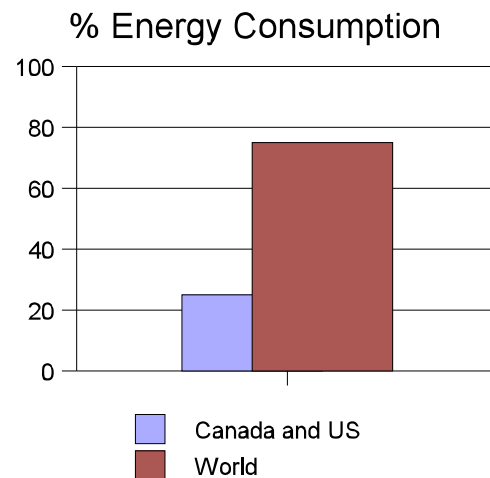
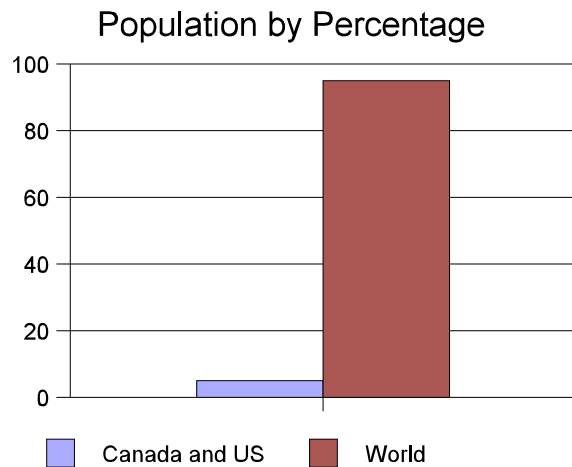


# Energy Sustainability



- Canada and the US % energy consumption is much greater than their population
- These numbers indicate a high standard of living; but can Canada maintain this without depleting our energy reserves?
- Canada gets 75% of energy from fossil fuels
- Higher prices has a “decreased” effect on energy consumption

## Energy Mega Projects

- are constructed to generate the needed electricity or to develop an energy resource
- Protect the ecosystem or Use the resources?

### The 4 Mega Projects in Canada

1. Alberta Tar Sands
2. James Bay Project
3. Hibernia Oil Fields
4. Labrador/Churchill Falls



3.
  - a. Which 3 provinces have the most hydroelectric capacity?
  - b. Which 3 provinces have the least hydroelectric capacity?
  - c. THINK Why does Quebec have such a high hydroelectric capacity?
  - d. Yukon and the Northwest Territories only harness 136MW of the 27 812MW that is available. THINK & Identify 3 reasons to explain why is their production low compared to the available energy.