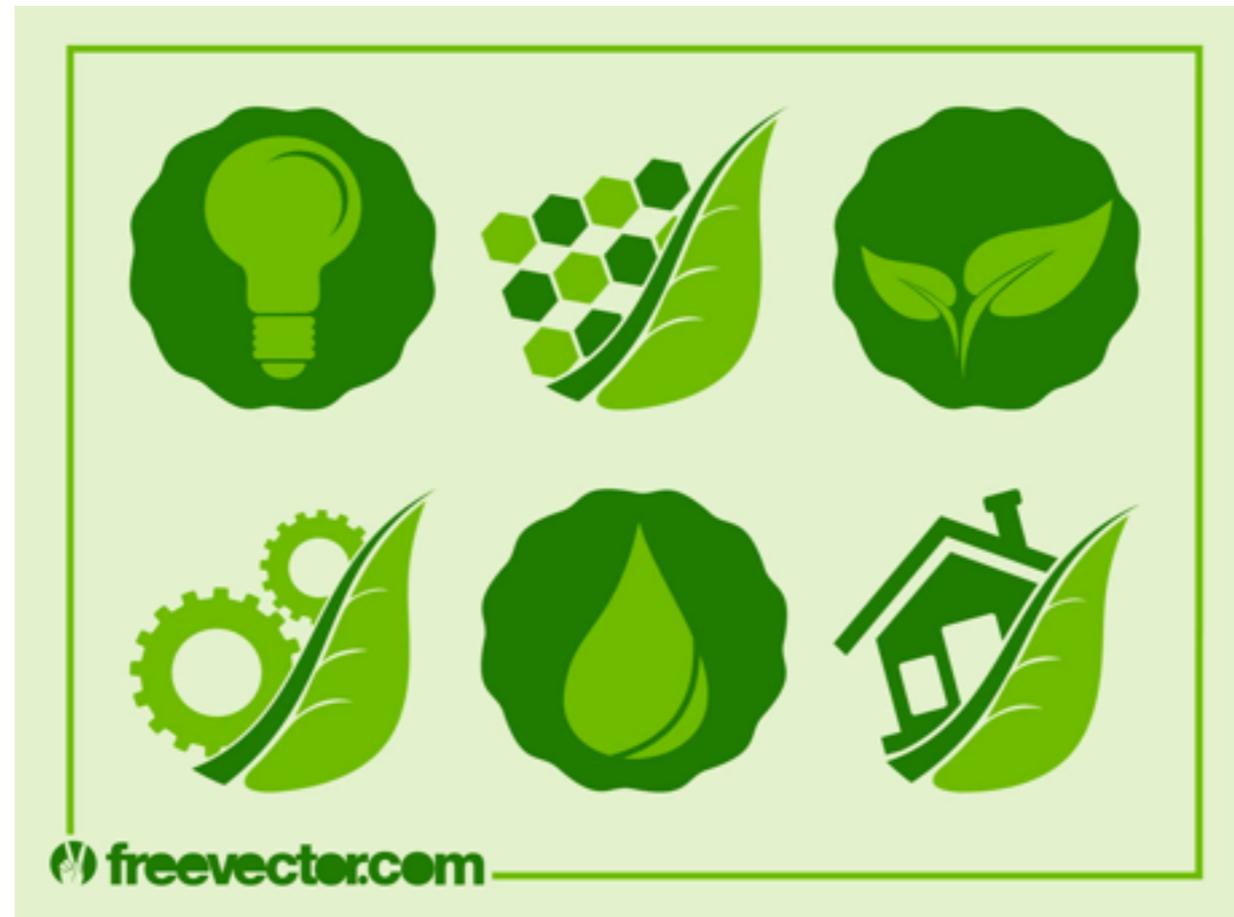


Unit 4: Humanities CAT

Humanities CAT: Water



Due :

∩ AEF: Friday 13th November

∩ BCD: Wednesday 18th November

Economic Reasoning and Interpretation

- Expression of opinions on economic issues supported by some evidence.
- Research and reporting on an economic issue with conclusions supported by appropriate cited evidence.
- Understanding of main meanings of data.

Economic Knowledge and Understanding

- Understanding of how particular strategies support effective economic decision making.
- Understanding of a range of simple ways that key factors influence the Australian economy.

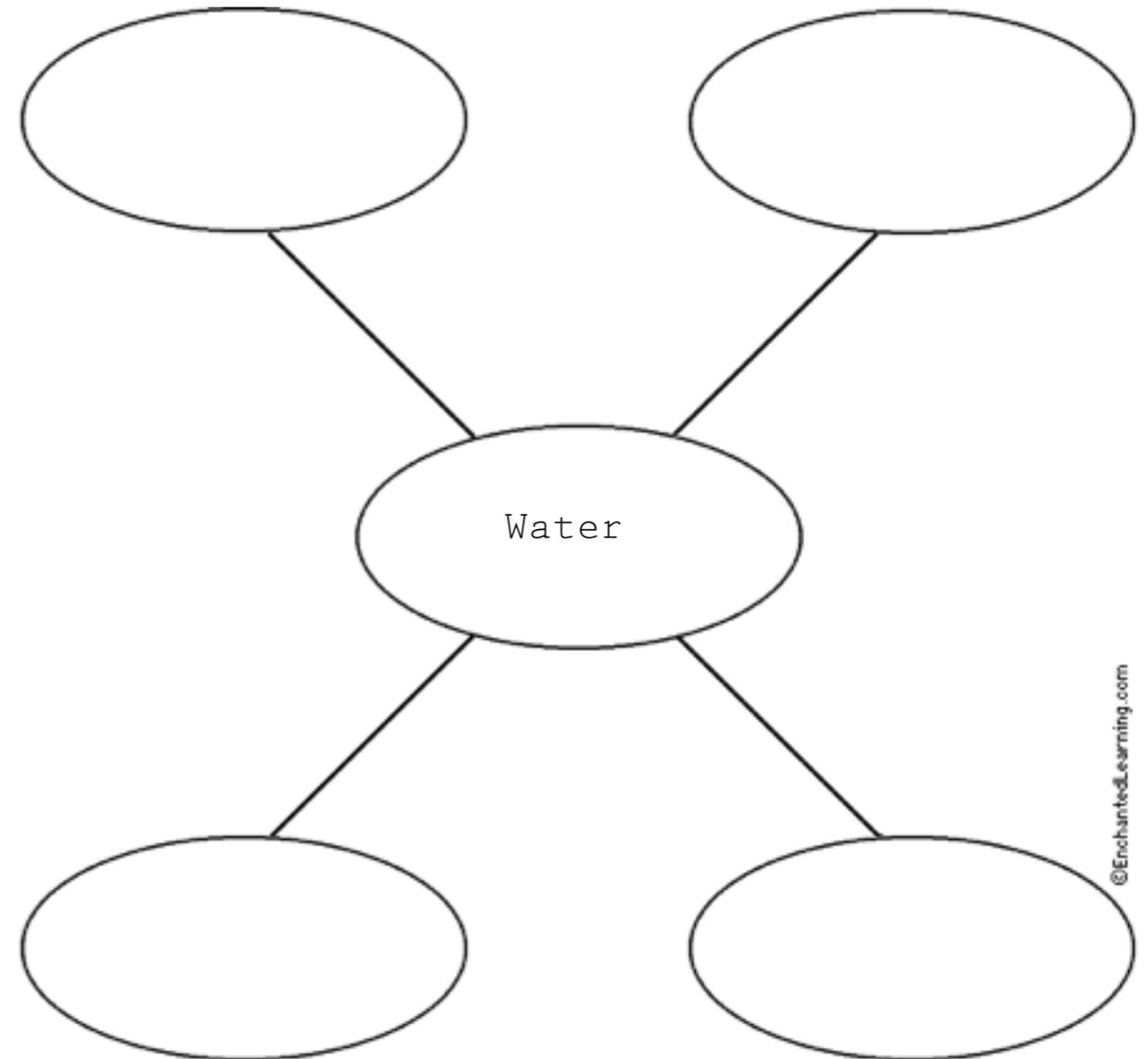
Task 1

Graphic Organiser: Water

Create a detailed graphic organiser showing the economic resources involved in the water market.

Ensure you include all 4 economic resources (human, natural, capital, management) in your diagram.

*Refer to notes from Tutorial 4 & 5 to assist with this task.



Task 2

Economic data analysis: Water use

Analyse the data in the graphs showing water use Worldwide (A), in Australia (B) and in Torquay (C).

Answer the following questions using data to support your answers.

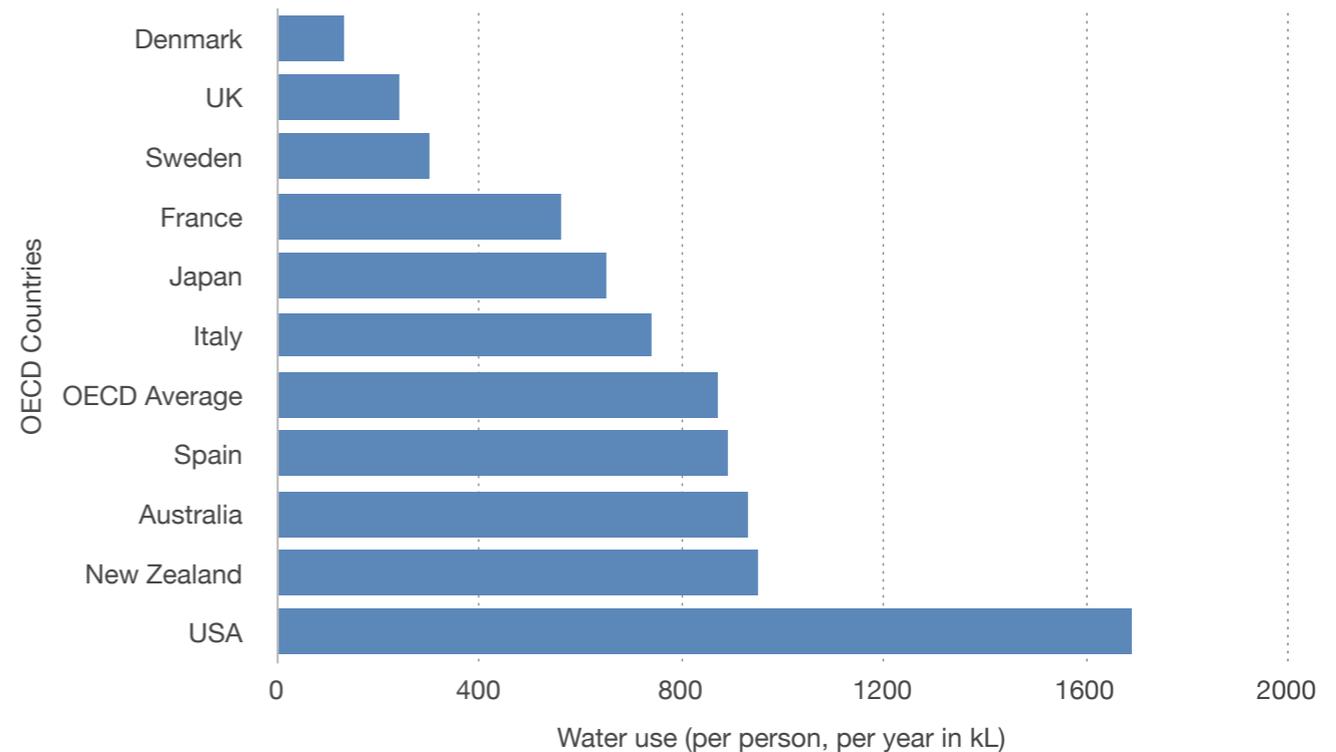
Questions:

1. Make a statement relating to Australia's water use in comparison to other OECD Countries.
2. What are some reasons why Australia's water use might be higher than the UK?
3. The USA clearly has higher water use than any other OECD country, including Australia. Why might this be?

Extension:

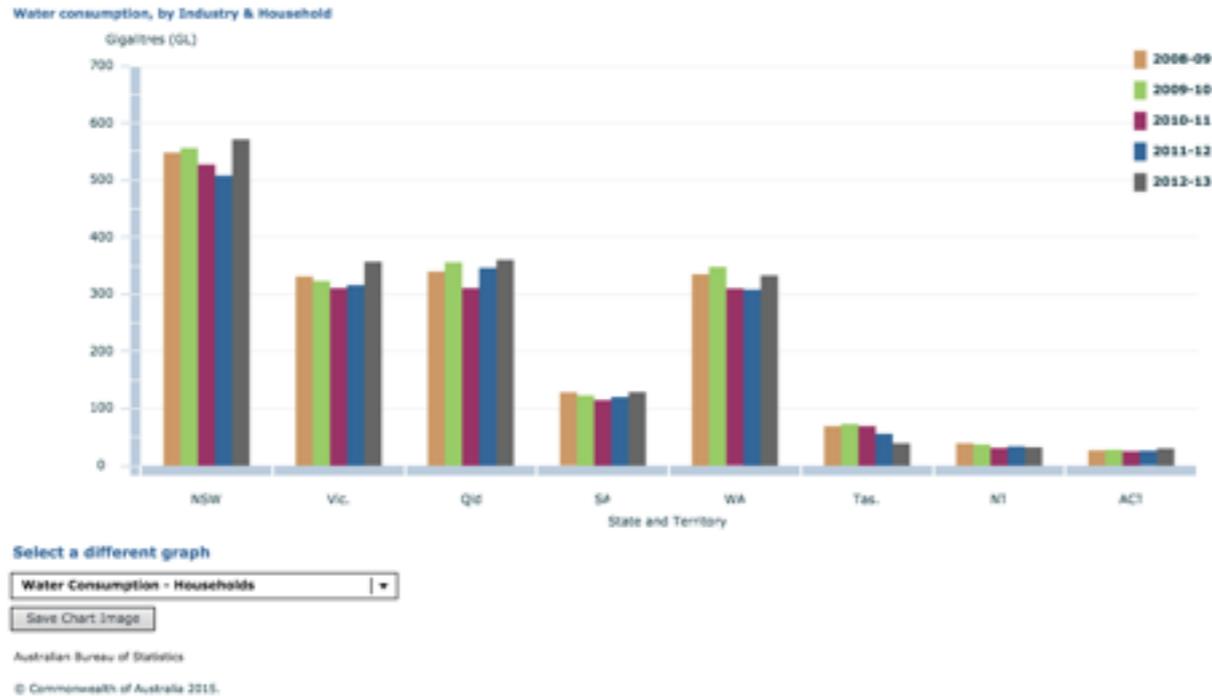
Discuss in depth how each set of data might impact upon the water market (task 1). What changes would happen to the water market if we started using more or less water?

A. Water use per person in OECD Countries (Organisation for Economic Cooperation and Development)



Task 2

B. Water consumption for households by state



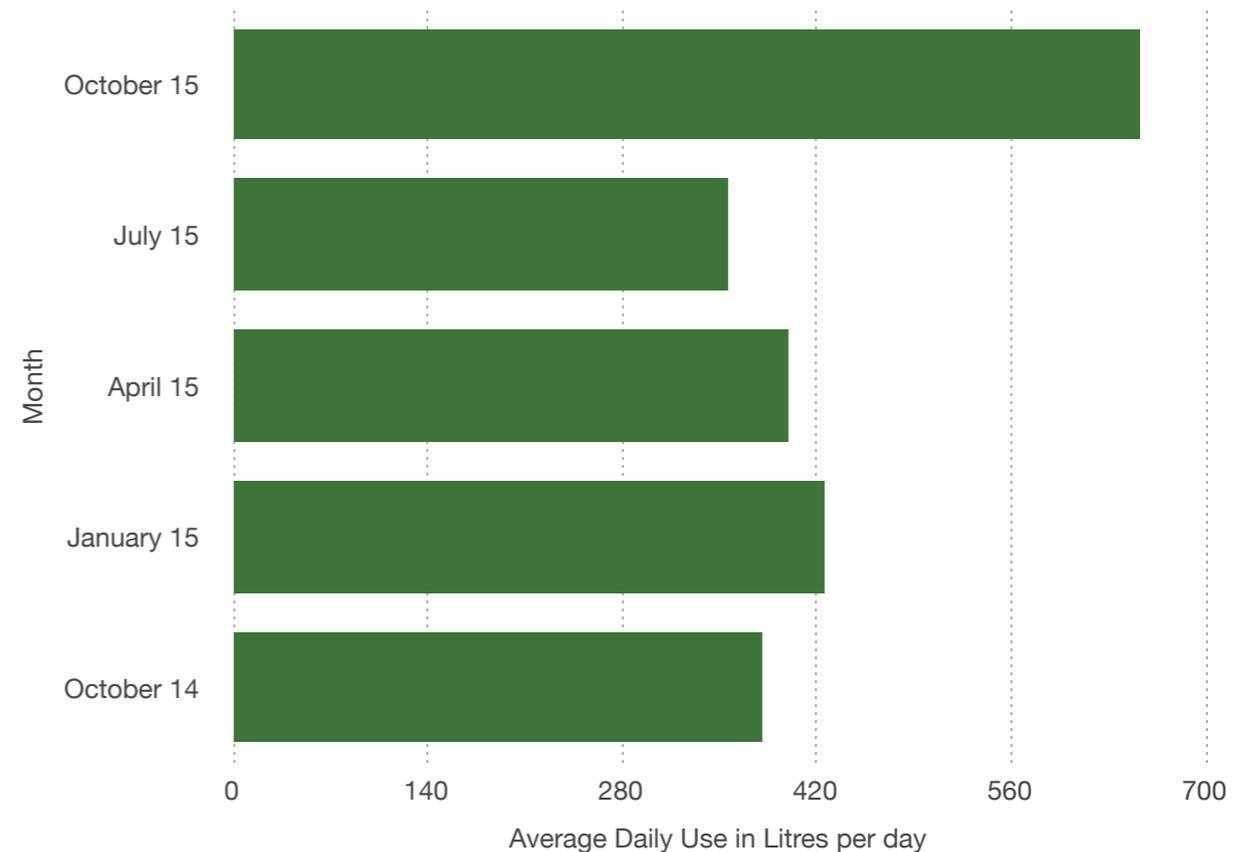
Questions:

1. What state consumed the most water in 2012-2013.
2. In which year did both Victoria and Queensland consume the least amount of water?
3. What might be some reasons why Tasmania, Northern Territory and ACT use less water compared to other states?
4. Make a statement about Victoria's use of water using evidence from above to support your opinion.

Questions:

1. Approximately how many litres of water did the Torquay resident use per day in January 2015?
2. In what month did the Torquay resident average the most amount of water use per day?
3. Make a statement about the Torquay resident's water use, using evidence from the chart below.

C. Water use for a resident of Torquay



Task 3

Economic Issue/Scenario

Desalination plant:

Write a text response (150-200 words) to the following prompt:

Discuss the Victorian Government's decision to drought proof Victoria's drinking water supply by building a desalination plant. Was it a good decision to build a desalination plant?

Use the following resources to help form an opinion on the issue:

Explore/Evidence:

Video:

[What is a desalination plant?](#)

[Victoria's Desalination plant announcement](#)

[Why we don't need a Desalination plant](#)

Article:

[Desalination plant to be switched on](#)

Website:

[Aquasure: Victorian Desalination Plant](#)



HINT: Use English resources such as the [deconstructing and brainstorming worksheet](#) to assist with this task!

What to submit?

1. Completed **Graphic Organiser** (task 1) showing the economic resources that contribute to water.
2. Completed **data analysis** (task 2) with full sentence answers to the 10 questions (and the extension if you complete this).
3. Completed **text response** (task 3) about Victoria's desalination plant.

Upload all of your work to [Studyturf](#) in the Unit 4 space and tag it as 'Humanities CAT'

