

- This assignment is worth up to 35% of your final mark.
 - Submit it in my office or to the School Office by 5pm Friday 7 September.
 - Make sure your name and Student ID are on your assignment.
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Prepare a client report using data from the following article:

N.B. Al-Majed and M.R. Preston. 2000. Factors influencing the total mercury and methyl mercury in the hair of the fishermen of Kuwait. *Environmental Pollution*. **109**: 239-250.

The full article is available on the STAT 501 Blackboard page.

Notes:

You have been approached by a client who has collected data on mercury levels and other factors from 100 fishermen (age range 25-60) and a control group of 35 individuals (age range 26-35) who work for a local construction company. The data were collected with the aim of investigating the factors that influence total mercury and methyl mercury in the hair of the fishermen of Kuwait (*Environmental Pollution 2000, vol 109, pp 239-250*).

Your task is to analyse the data (available on Blackboard) and prepare a report for the client to help them answer the following research question:

Does the amount of fish consumed have an effect on mercury levels in the hair of fishermen?

You can use the suggested report outline provided in the Lecture 3 notes. Your report must include the following as a minimum:

- Abstract
- Introduction
- Methods
- Results

- Discussion
- References

The main body of your report should **not be longer than 10 typed pages** (font size 12), excluding the title page, abstract, references and appendices.

In your references include the source article for the data as well as any literature you review in the Introduction.