

Prac: Cardiovascular disease

Name: _____

Aim: To investigate data about cardiovascular disease

Method:

1. Open the following data sets from the “Our World in Data” website:
 - Percentage of people with cardiovascular disease:
<https://ourworldindata.org/grapher/prevalence-rate-of-cardiovascular-disease>
 - Death rate from cardiovascular disease:
<https://ourworldindata.org/grapher/death-rate-from-cardiovascular-disease-age-standardized-ghe>
 - Wealth of countries:
<https://ourworldindata.org/grapher/gdp-per-capita-maddison-project-database>
2. Look for relationships between the different data.

Results:

1. Which regions of the world have the highest percentage of people with cardiovascular disease? (E grade)

2. Which regions of the world have the lowest percentage of people with cardiovascular disease? (E grade)

3. Is cardiovascular disease increasing or decreasing in these countries? (Find this out by hovering your mouse over a country to see if the percentage is increasing or decreasing.) (D grade)

Australia _____

USA _____

China _____

Democratic Republic of Congo _____

Papua New Guinea _____

Chad _____

4. Switch to table view to answer this question: How many countries have decreasing cardiovascular disease? (C grade)

5. Which regions of the world have the highest rate of death from cardiovascular disease? (E grade)

6. Which regions of the world have the lowest rate of death from cardiovascular disease? (E grade)

7. Which regions of the world are the richest? (E grade)

8. Which regions of the world are the poorest? (E grade)

Discussion:

1. Is there a correlation between the rate of death from cardiovascular disease and the wealth of the country? If there is, what is the relationship? (C grade)

2. Suggest some reasons for this correlation. (B grade)

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Write one sentence that summarises what you have discovered.
