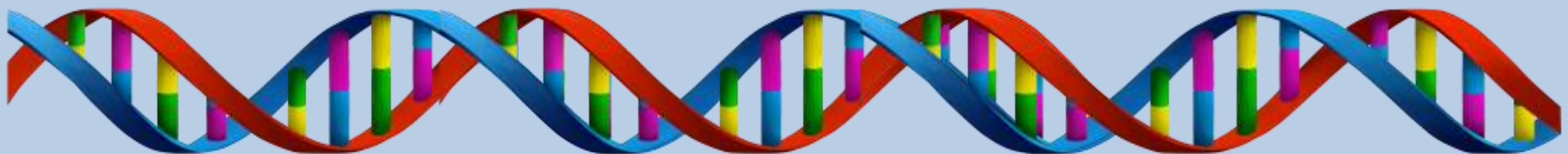
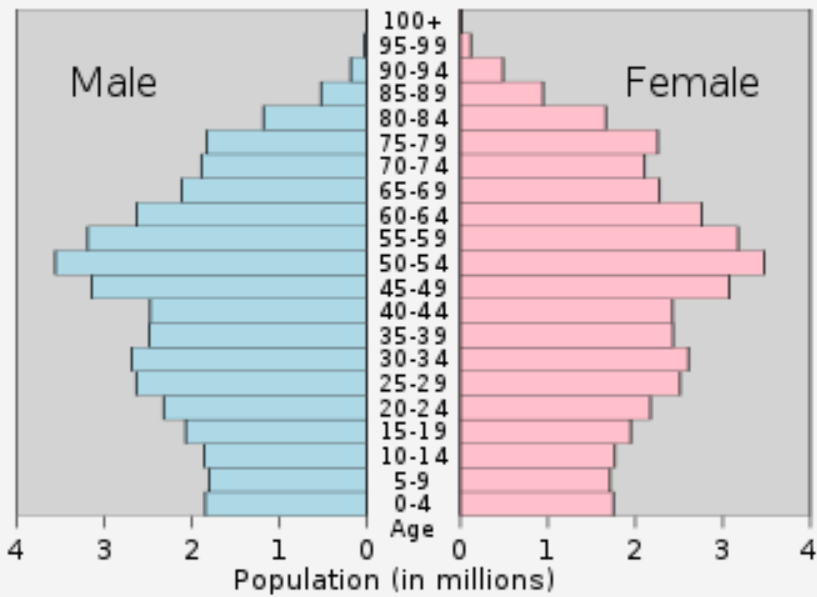


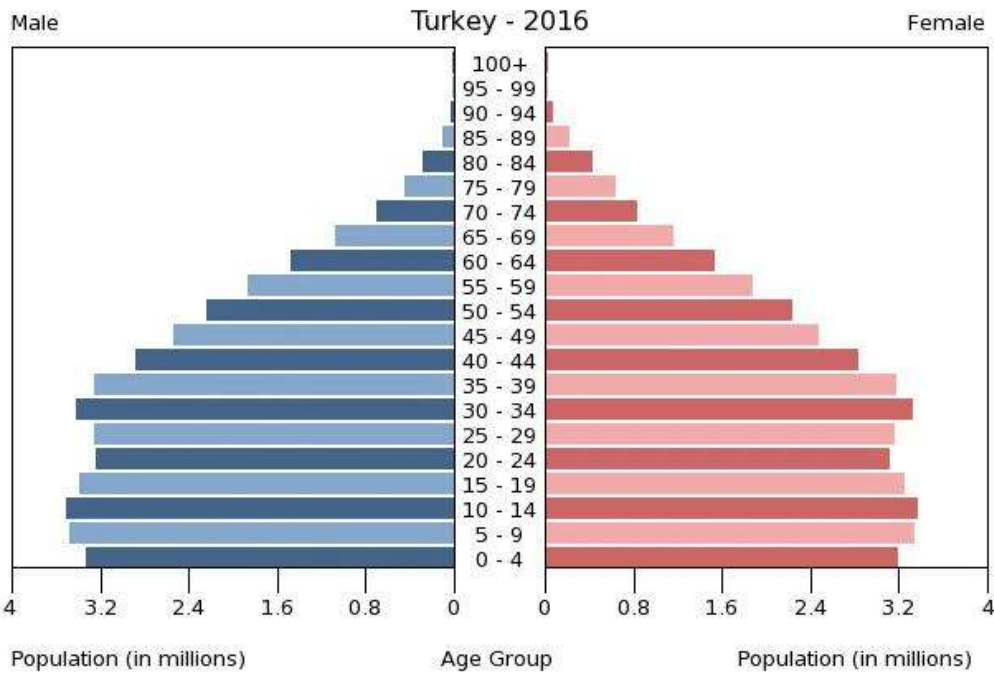
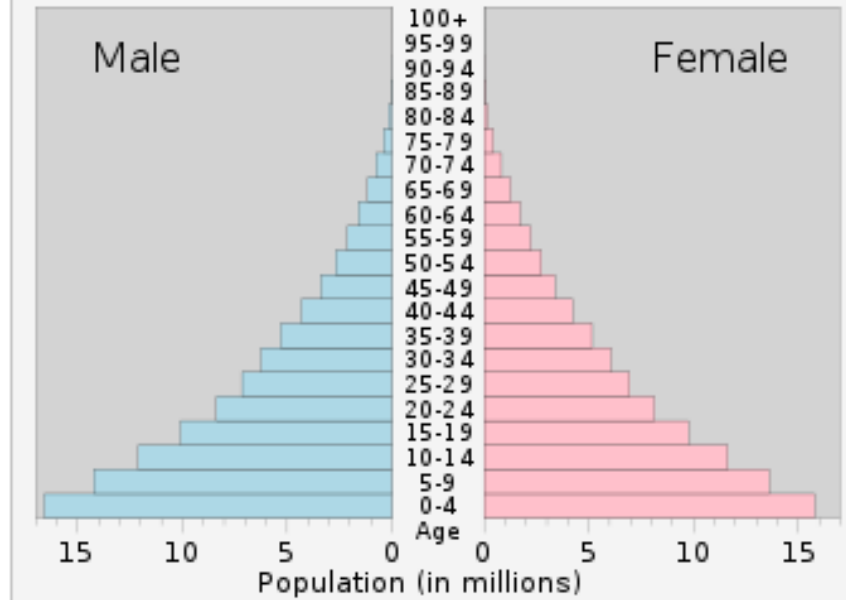
- 1. Give examples of countries that are in stage 5 of demographic transition.**
- 2. Why are these countries in stage 5?**
- 3. Why does death rate fall in stage 2?**
- 4. Why does the birth rate fall in stage 3?**
- 5. What stages of demographic transition are the given countries in?**



Population of Germany (2017)



Population of Nigeria (2017)



# Human Population Growth

- What are the 5 things that affect **HUMAN** population growth?

# Human Population Growth

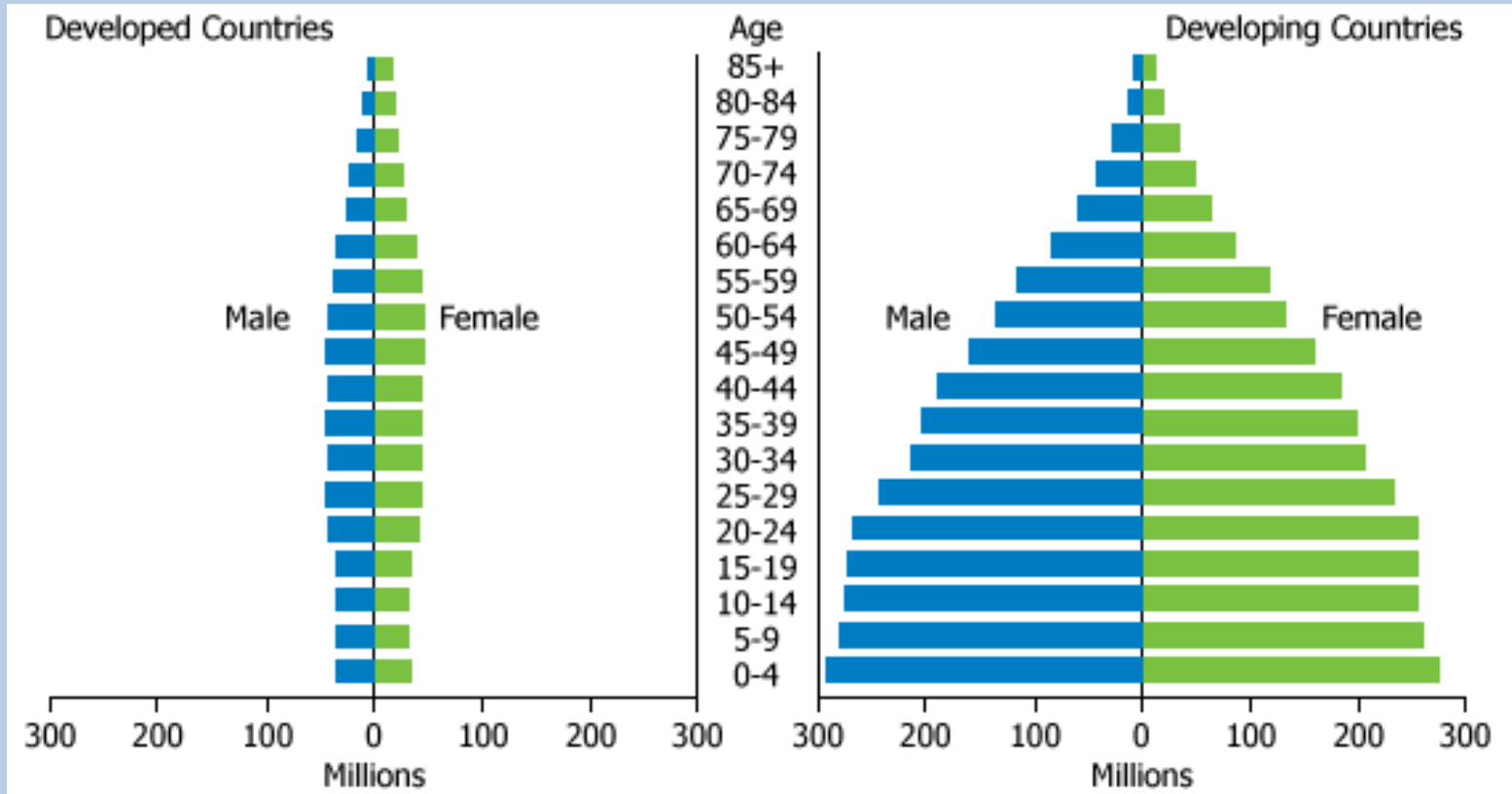
- What are the 5 things that affect **HUMAN** population growth?
- culture, conflict, politics, economy, and resources

# Human Population Growth

- In your groups review AGE STRUCTURE graphs

# Human Population Growth

- In your groups review **AGE STRUCTURE** graphs:



# Human Population Growth

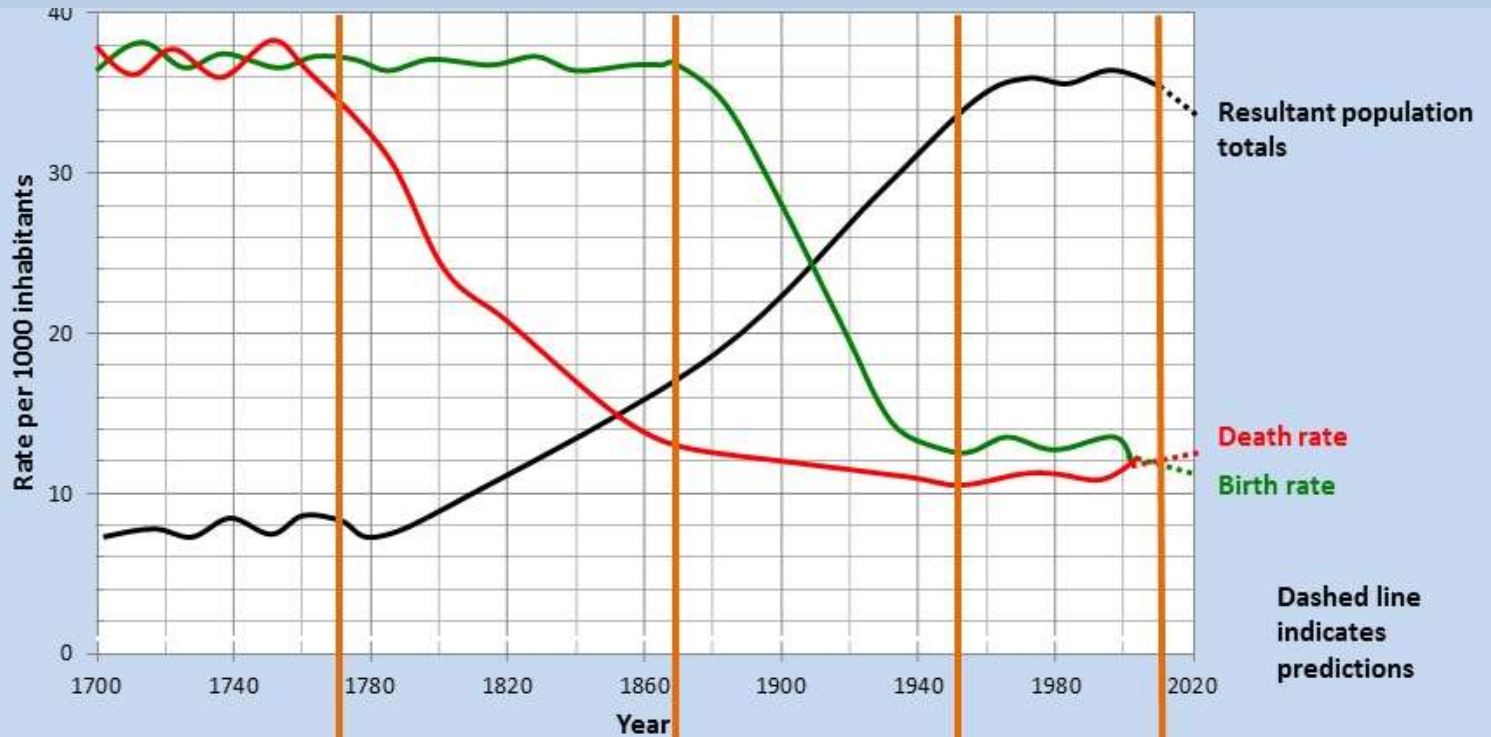
- In your groups review AGE STRUCTURE graphs
- <https://www.youtube.com/watch?v=RLmKfXwWQtE>

# Human Population Growth

- In your groups review the 5 stages of **DEMOGRAPHIC TRANSITION**



# Demographic Transition Model

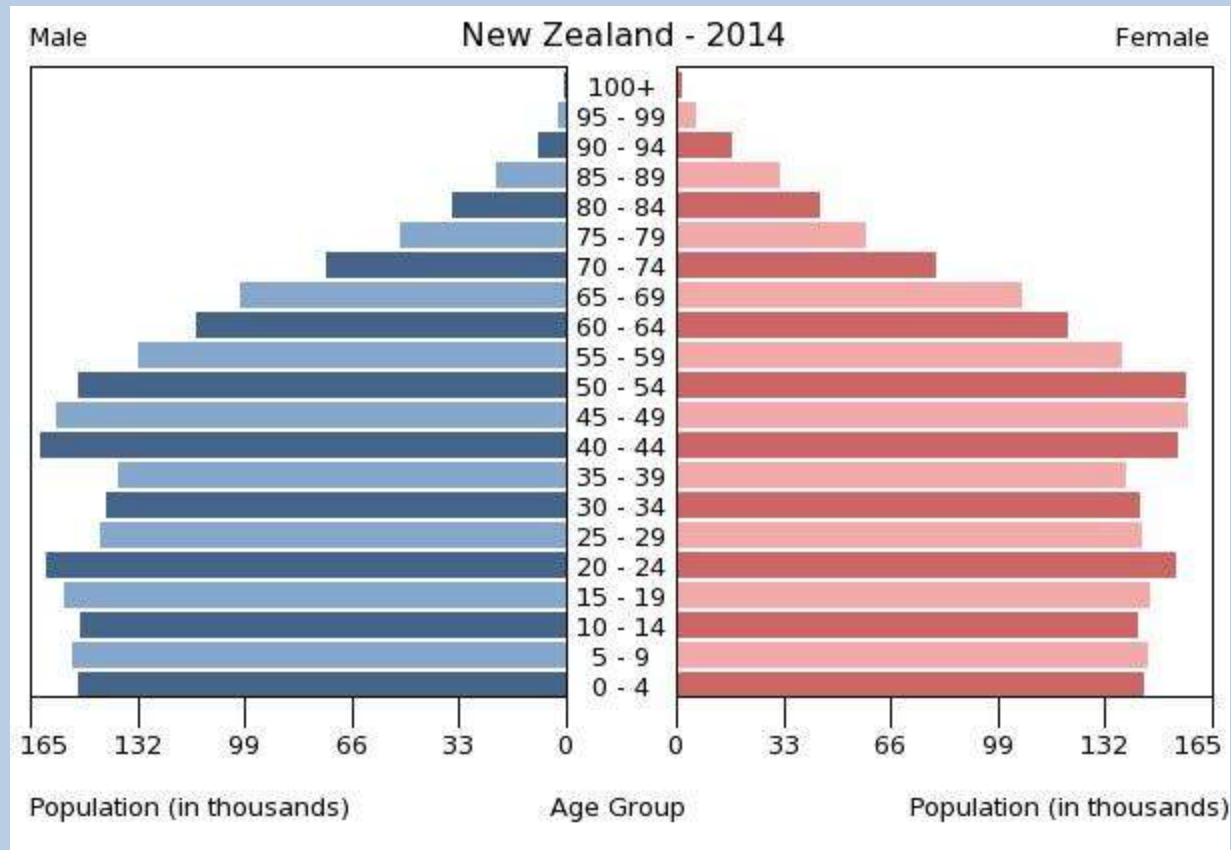


Stage 1 – High fluctuating	Stage 2 – Early expanding	Stage 3 – Late expanding	Stage 4 – Low fluctuating	Stage 5 – Decline?
UK pre 1760	UK 1760 to 1870	UK 1870 to 1950	Post 1950	Soon?
Amazon Basin tribes	Ethiopia	India	UK	Russia
				

Population  
Pyramid shape

# Human Population Growth

- Which stage is this country in?



# Human Population Growth

- Why do countries in stages 1 or 2 have high birth rates?

# Human Population Growth

- Why do countries in stages 3 or 4 have low death rates?

# Human Population Growth

- **Why do countries in stage 5 have low birth rates?**

# World Population

- **What is the current world population?**

# World Population

- **About 7.7 BILLION**

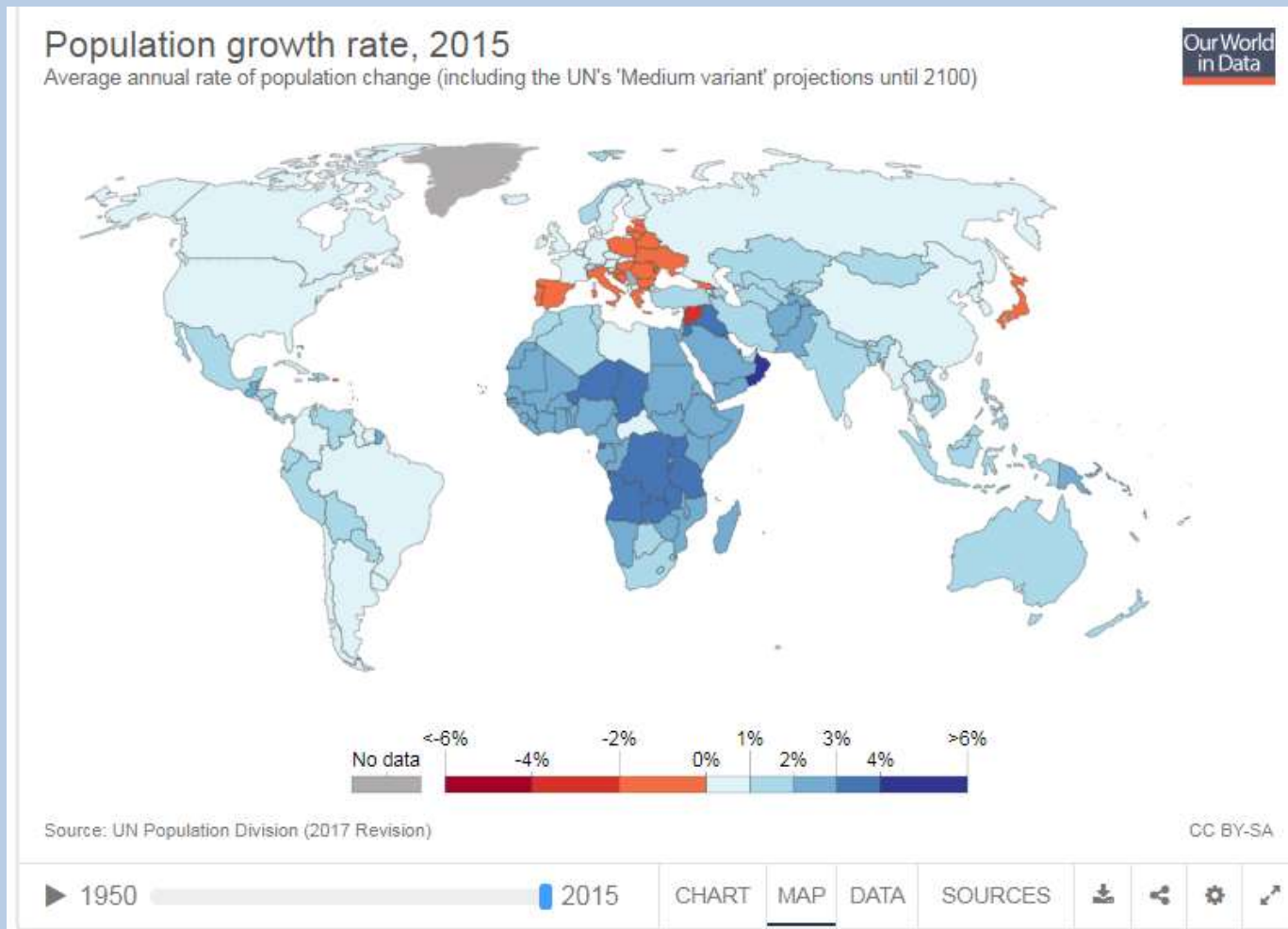
# World Population

- **Is the world's population increasing, or decreasing?**
- <https://www.worldometers.info/world-population/>



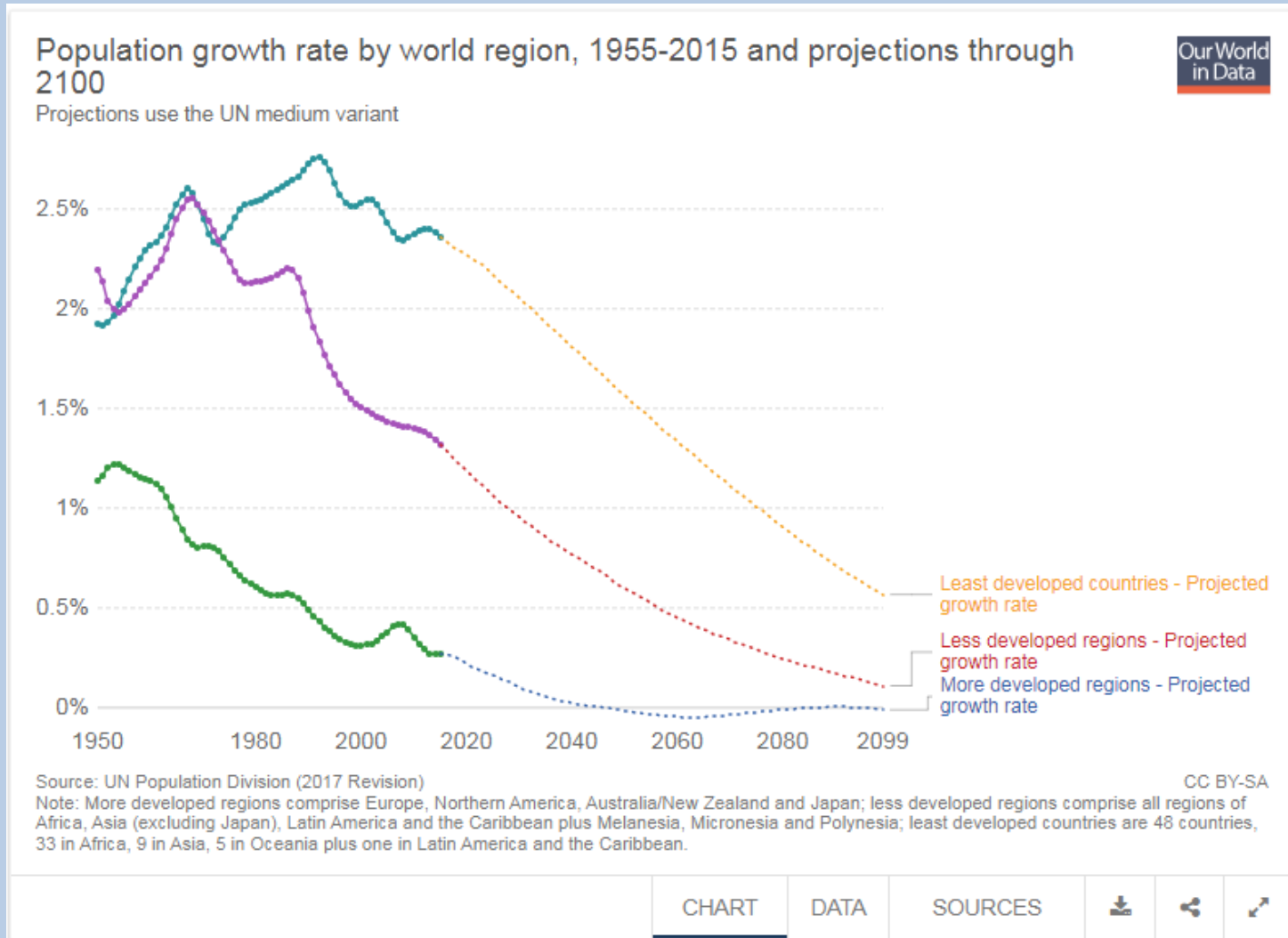
# World Population

- **INCREASING**



# World Population

- **INCREASING**



# World Population

- **Is human population growth sustainable?**

<https://www.youtube.com/watch?v=VcSX4ytEfcE>

# Human Impact

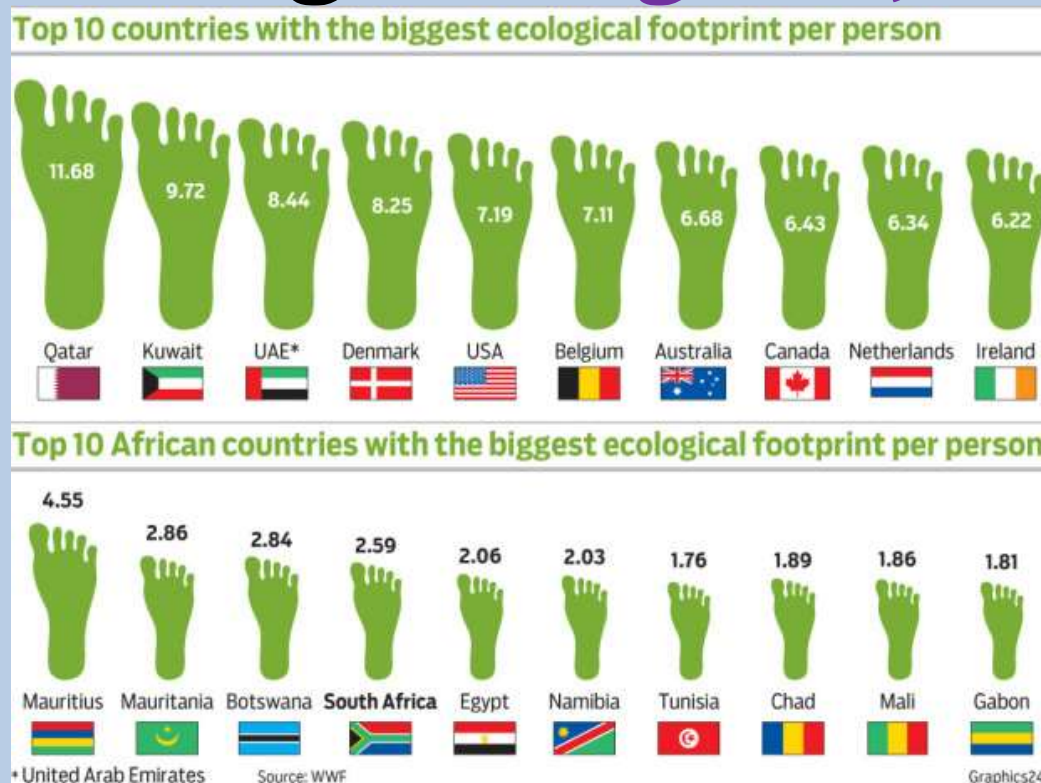
- **Because the human population has grown so large we have an increasing impact on Earth**

# Human Impact

- Humans are having such a large impact on Earth that the modern era is considered the *Anthropocene: the period of Earth during which human activity has become the major cause of global change*

# Human Impact

- One way that we measure the impact of humans is by calculating *ecological footprints*



# Human Project

- You will be researching the environmental impact of one country (NOT the US, and only one group per country)

# Human Project

- While researching you will have to consider the **culture, economy, resources, politics, and conflict** that are specific to that country



# Human Project

- You will then *design* a solution for the human activity of that country that has the greatest environmental impact

# Human Project

- The solution **MUST** be realistic considering the **culture** of the country

# Human Project

- You have two options for your presentation:
  1. Poster (let Mrs. Moberly know if you want a poster board)
  2. Slideshow

# Human Impact

1. Calculate your ecological footprint
2. Take survey:
3. Get checked off
4. Begin the human impact project
  - **YOU SHOULD AT LEAST START TASK 3 BEFORE LEAVING**



# Human Impact

1. Calculate your ecological footprint
2. Take survey:
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  - **YOU SHOULD AT LEAST START TASK 3 BEFORE LEAVING**

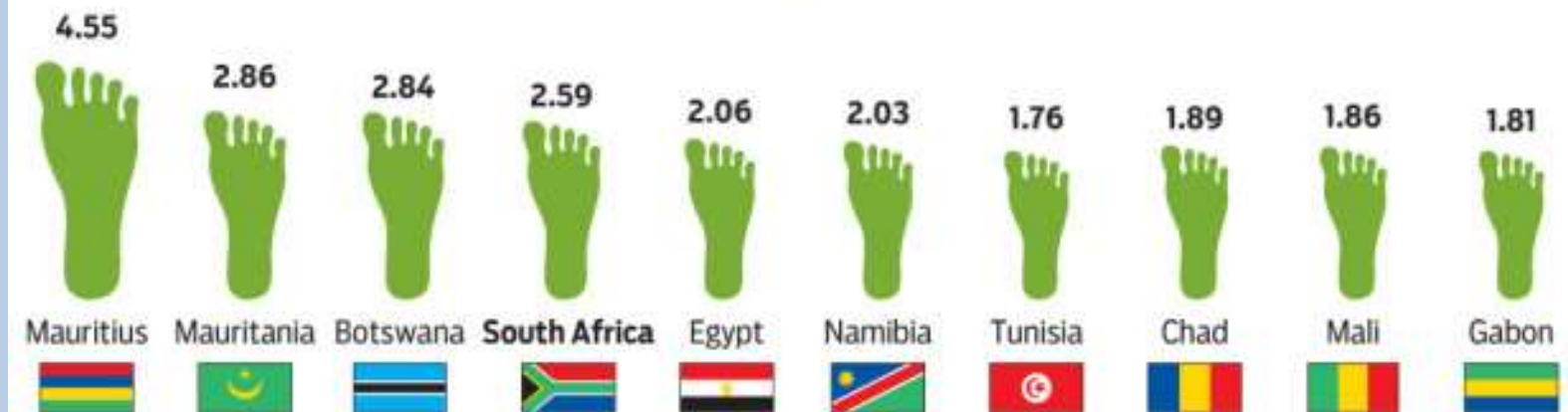


# Human Impact

## Top 10 countries with the biggest ecological footprint per person



## Top 10 African countries with the biggest ecological footprint per person



\* United Arab Emirates

Source: WWF

Graphics24

# Human Project

- **Wizards vs Prophets**

