

WELCOME TO GCSE GEOGRAPHY



WHERE WILL IT TAKE US TODAY?

TOPIC 7: UK IN THE 21ST CENTURY

7.1: HOW IS THE UK CHANGING IN THE 21ST CENTURY?

b) How has the UK's population changed since 2011?

18/02/2018

[http://countrysmeters.info/en/United_Kingdom_\(UK\)](http://countrysmeters.info/en/United_Kingdom_(UK))

Watch carefully for
one minute then tell
me something about
our population

LEARNING IS SUCCESSFUL WHEN I ...

Know:

- What natural increase and decrease are and how they are calculated [1-2]
- How the UK's population has changed over time and what the future holds [3-4]

Understand:

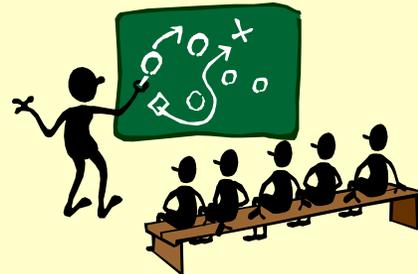
- Why our population has changed in the way that it has [5+]





PRESENT NEW INFORMATION

LOOK, LISTEN, LEARN



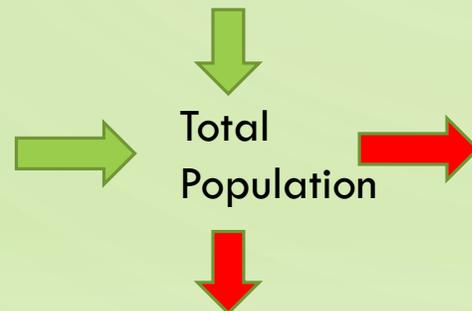
Measuring Population change

'B' and 'D' data is collected on a daily basis - this tells us about ***natural population change***

'M' data is collected every quarter (three months) – this tells us about the 'm' of people

Other detailed data is collected every 10 years in the 'C' – let's investigate

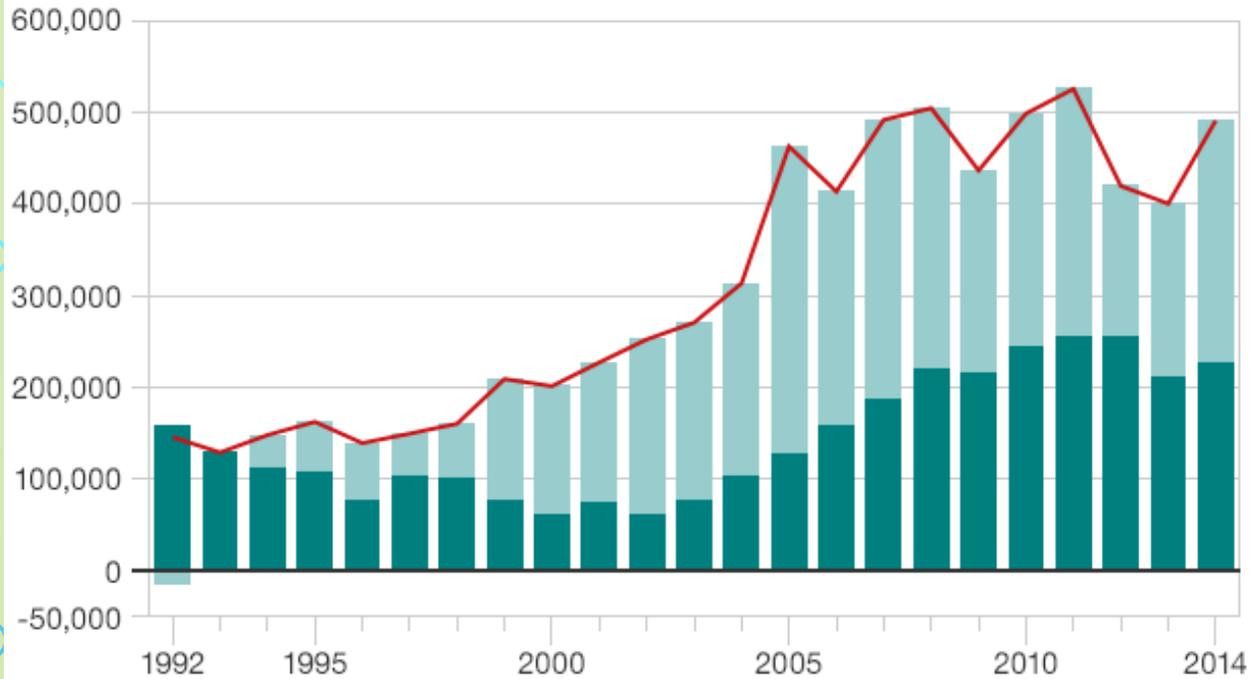
$$NI/ND = B-D$$



Annual population change

■ Births minus deaths ■ Net international migration & other — Overall net change

Number of people



Source: ONS

BBC

Page
220

14
mins

What is significant about 1992?

When did our population begin to rise quite dramatically? What was the cause?

Describe the overall net population change between 1992-2013 [3]

Tip: chunk the graph 1992-2004; 2005-2010; 2011 -2013

In 2004 several countries joined the EU, meaning their people were free to move to other EU countries. How did this affect the UK? [quote stats from the graph to back up your thinking]

How accurate?
valid? reliable?
is this data?

How might this graph
look different in an
LIDC country?

What do population pyramids tell us?

FACT: Population pyramids tell us about the population **STRUCTURE** (age and gender). This structure evolves as countries develop.

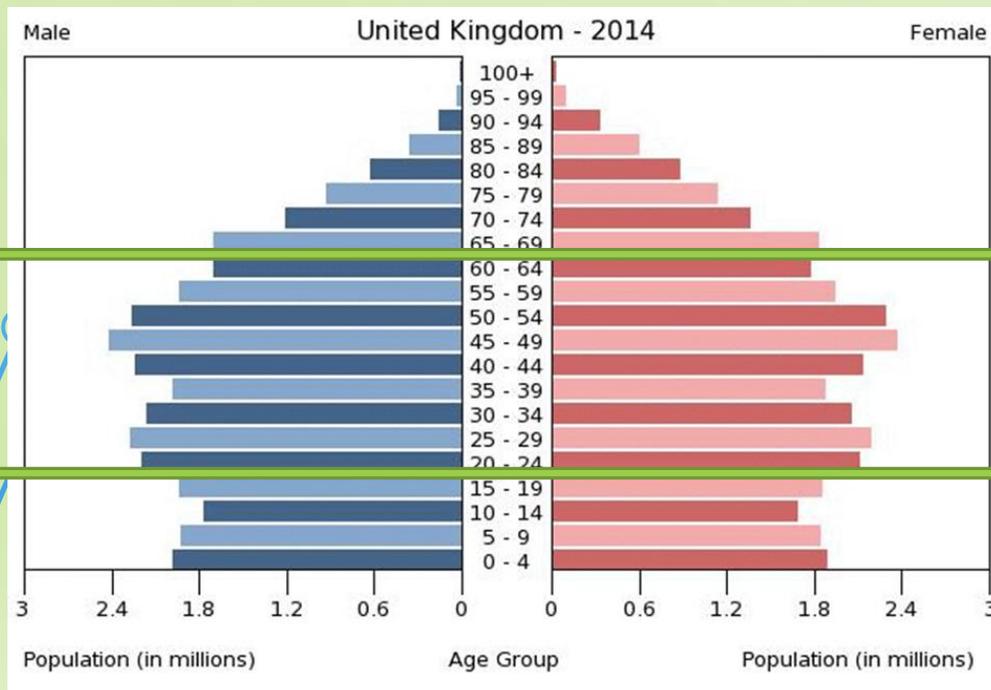
1. There are **THREE** sections: YD, EA & ED
2. Label these on your diagram but write these terms out in full.

SPAG Tip: dependents

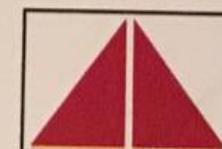
Other Useful Lingo: base; apex; narrow; wide

3. Describe the shape of our pyramid

BONUS: What will it be like in 2050?

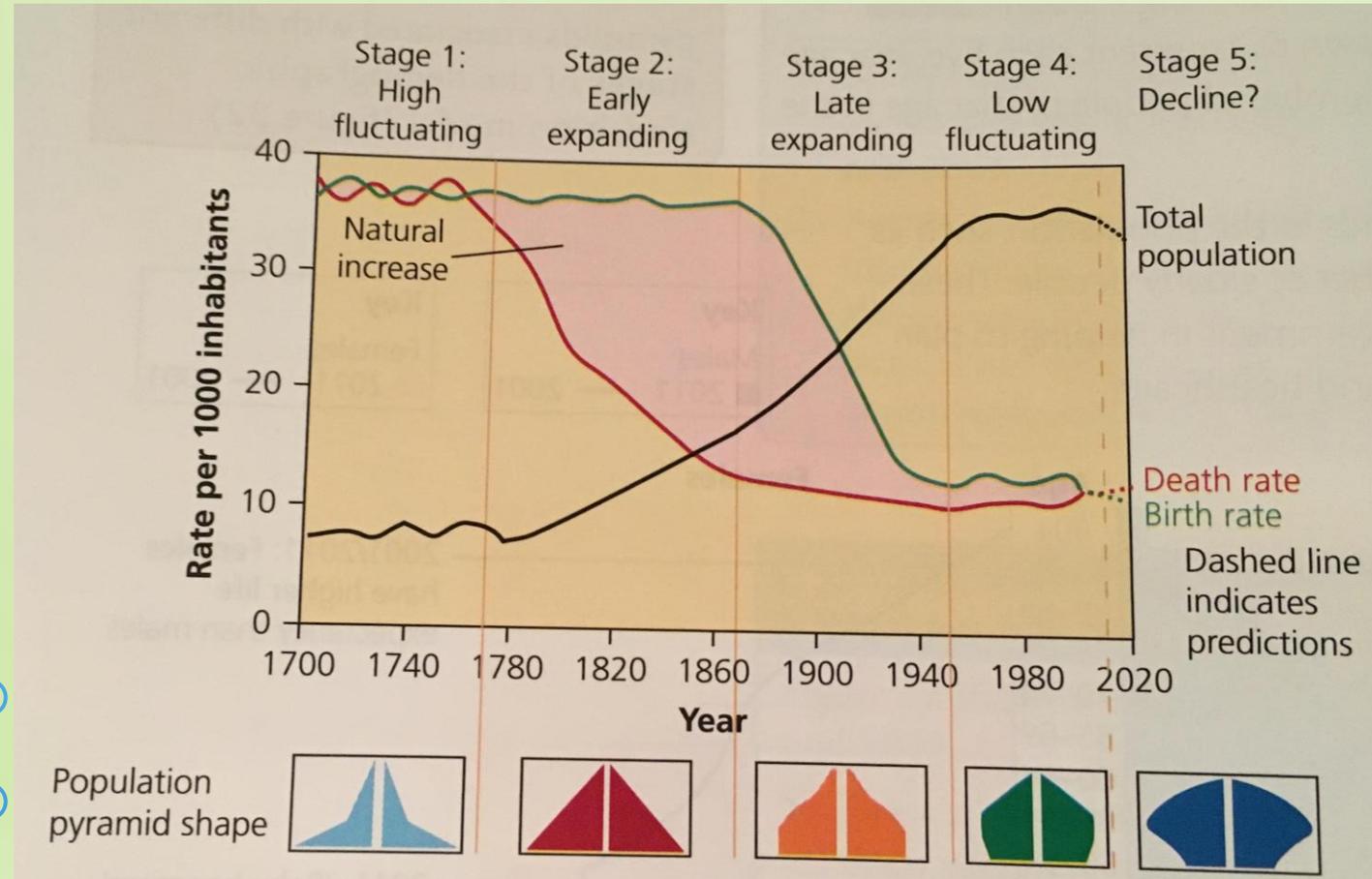


Which of these shapes does our pyramid match to? Explain your thinking!



How does the population of a country change over time?

Geographers have devised a model to investigate this. The model is called the Demographic Transition Model [see below].



1. Annotate your diagram to show what the BR and DR are like in each stage and why and how this affects the population numbers

Eg Stage 1

BR high – children support the family; many die in infancy due to poor living standards and diet

DR high – disease is an issue; healthcare is limited

Population increase is slow/nil as BR and DR cancel each other out

2. Which Stage is the UK at? How did you work this out?

BONUS: Which Stage is Brazil at?

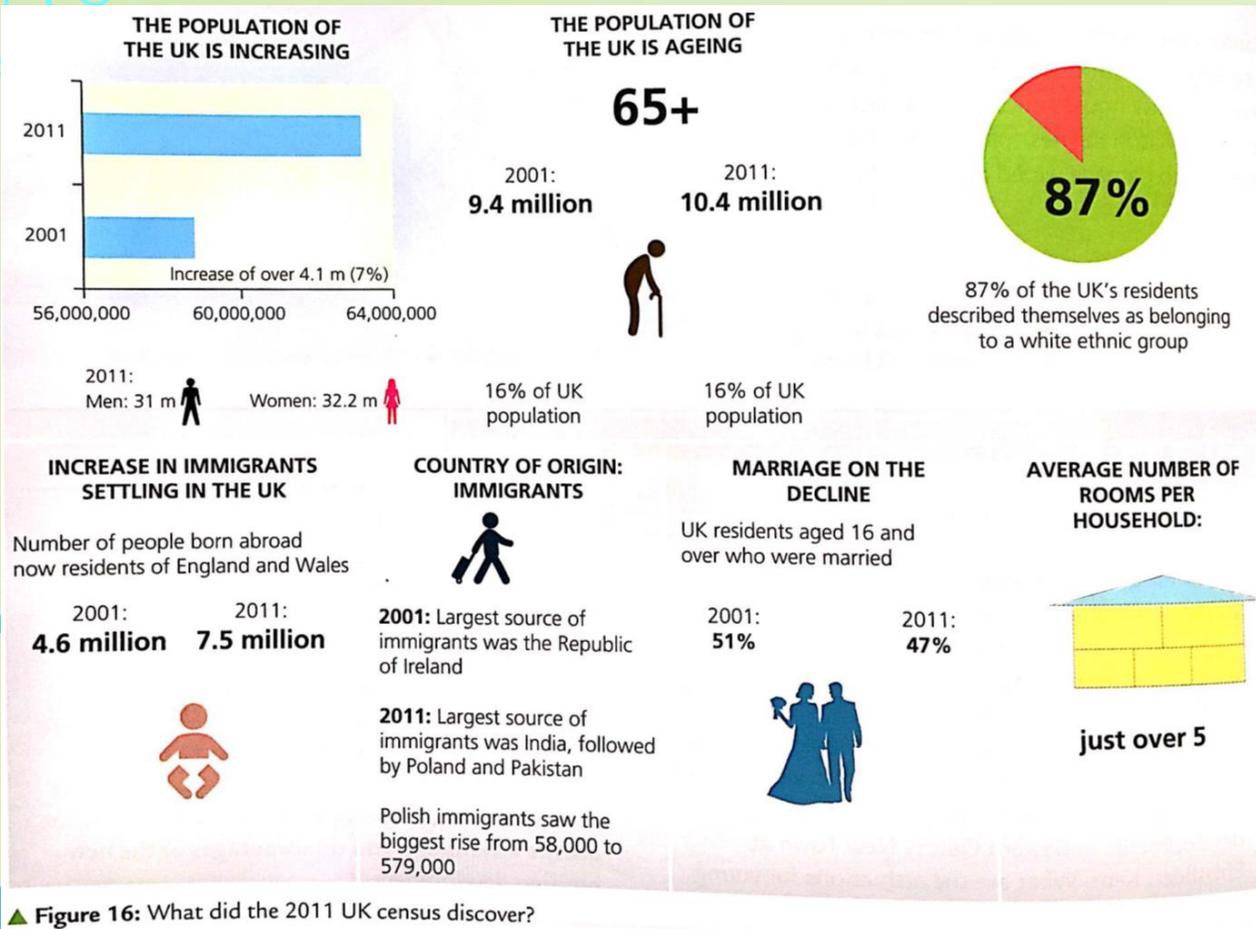


**APPLY TO
DEMONSTRATE**

SHOW THAT I UNDERSTAND



What did the 2011 census tell us about population change in the UK?



▲ Figure 16: What did the 2011 UK census discover?

There are seven key changes since 2001

Write the 7 changes out in order of importance (most to least) – this is YOUR opinion!

Which two are MOST worrying? Explain your thinking!

What are the potential impacts (good or bad) of these changes?

Eg Marriage on the decline – more homes needed if people remain single – housing shortage?

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REVIEW

WHAT HAVE I LEARNT?



Review time

5
mins

1. If $BR > DR$ then NI or ND?
2. One other input into the population system is?
3. $BR - DR + / - \text{migration} = PC$. $PC = ?$
4. A PP tells us about PS?
5. $PS = A$ and G ?
6. A PP has three sections – these are called?
7. The population of the UK is a _ _ _ _ _



Something I am wondering about related to this topic is ...?