

**Paper Reference 1GA0/02**  
**Pearson Edexcel**  
**Level 1/Level 2 GCSE (9–1)**

# **Geography A**

## **Paper 2: The Human Environment**

**Wednesday 3 June 2020 – Morning**

# **Resource Book**

**Do not return this Resource Book with the Question Paper.**

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For some Figures there is a modified colour and modified black and white diagram. You may use whichever version is easier for you to view. Some diagrams are only in modified colour but you are then provided with a description of the diagram.

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Changing Cities

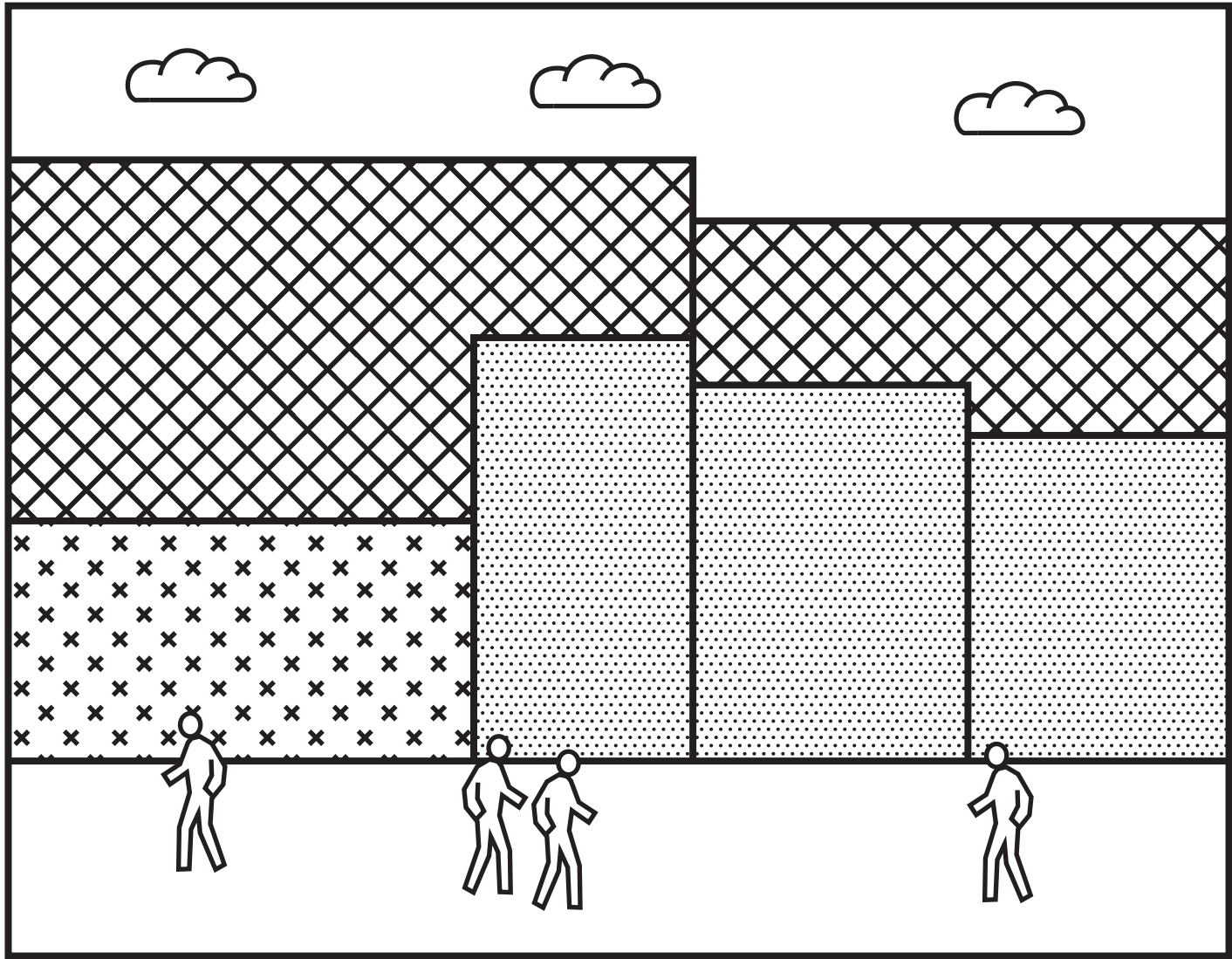
Figure 1a

Population data for Dhaka, a major city in Bangladesh, an emerging country

Year	Total population (millions)	Growth rate (%)	In-migration rate (%)	Growth due to in-migration (%)	Growth due to natural increase (%)
1981	3.4	9.94	7.62	77	23
1991	7.1	7.55	5.54	73	27
2001	10.3	3.71	2.13	57	43
2011	15.1	3.96	2.49	63	37

Figure 1c

Photograph showing an area of Leeds, a major city in the UK



Key:






	Shops		Restaurants		Pedestrian area
	People		Offices		

Figure 2a – Colour  
Human Development Index (HDI) scores for selected countries, 1990–2015

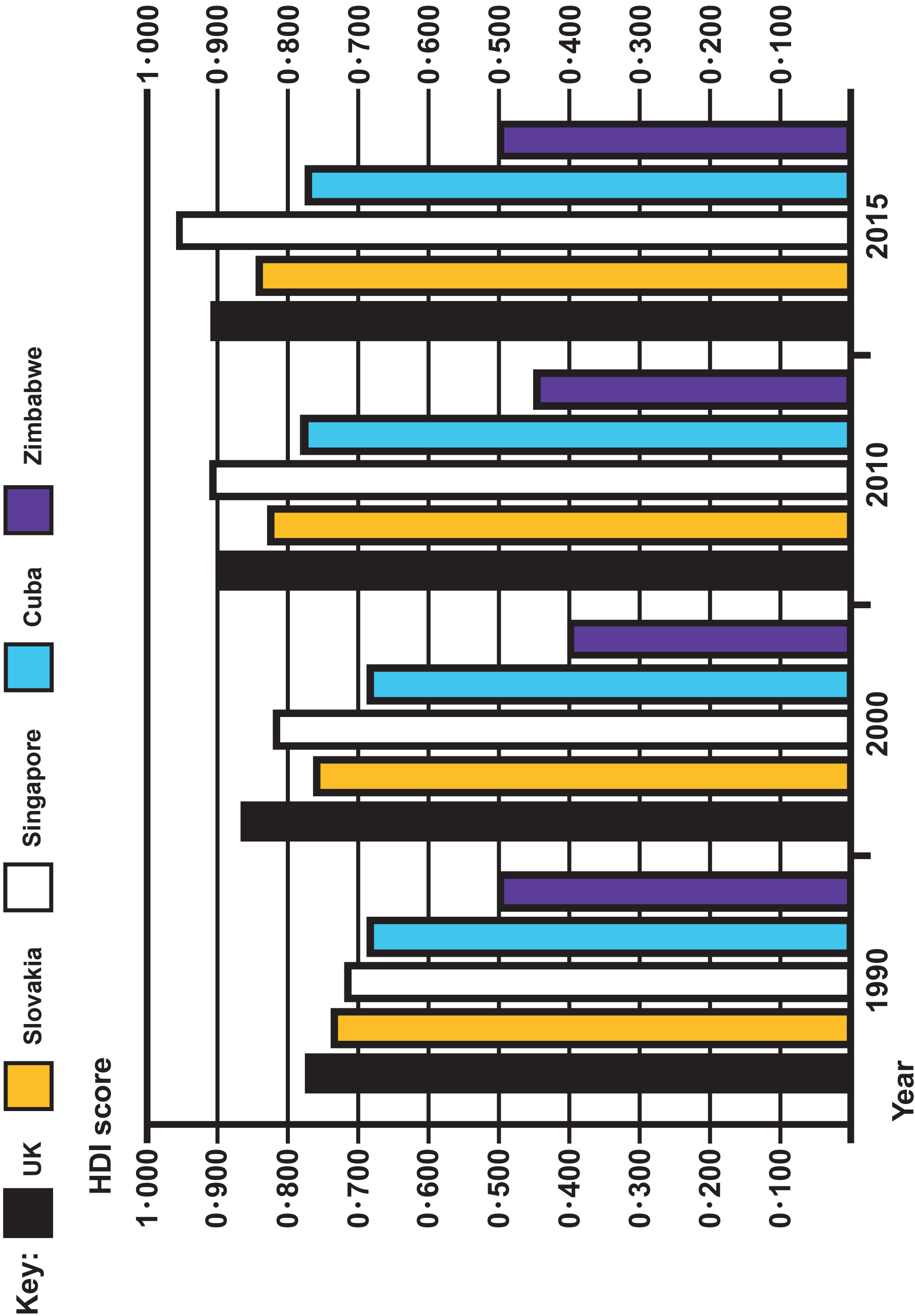
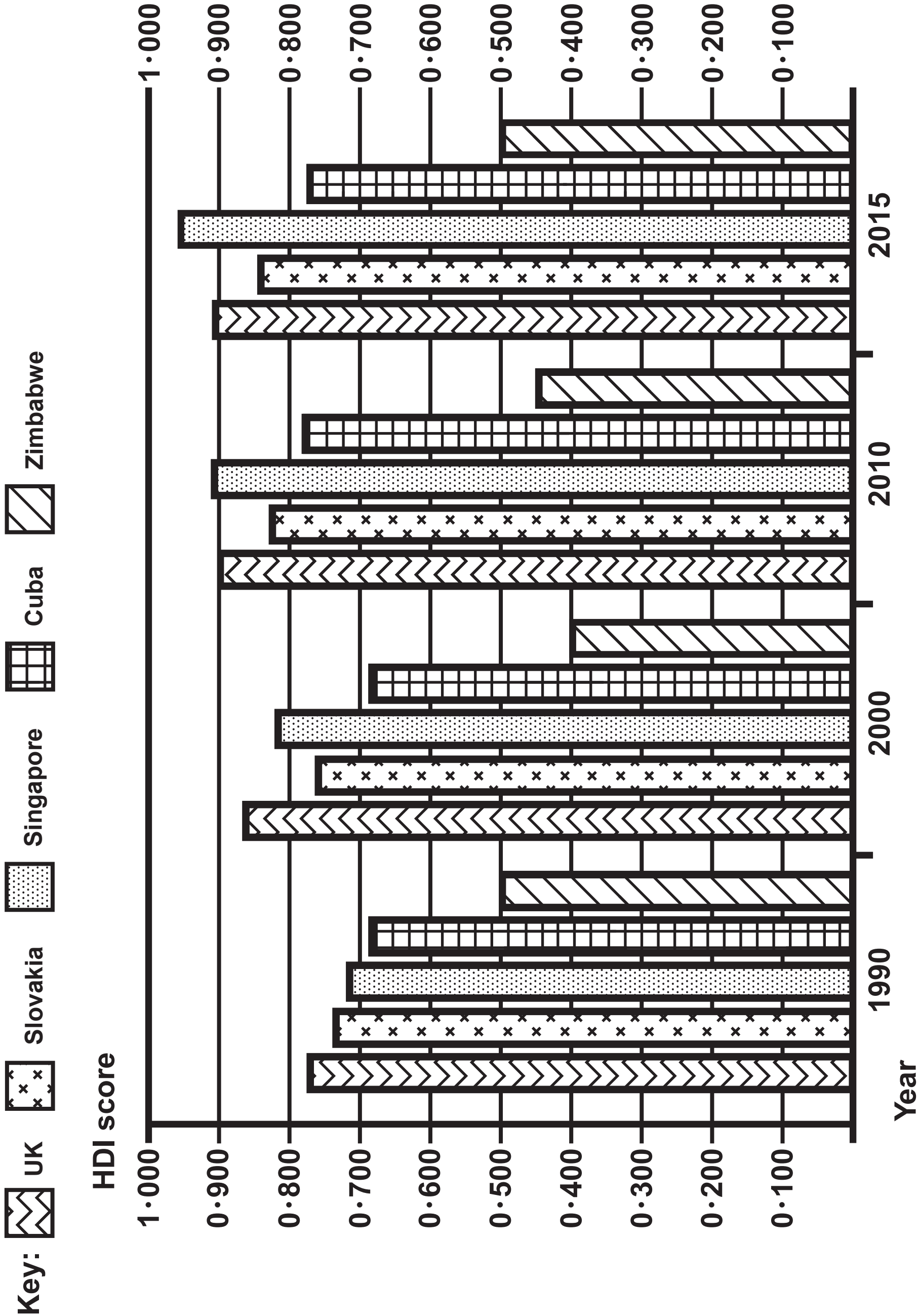


Figure 2a – Black and White  
Human Development Index (HDI) scores for selected countries, 1990–2015



## Figure 2c

**Extract from a newspaper article, 6 November 2017**

### **Africa set to top 1 billion mobile internet connections in five years**

**Africa's mobile internet connections are set to increase in the next five years because of affordable smartphones and more high-speed broadband networks. A report estimates that mobile broadband connections will rise from 0·42 billion at the end of this year to 1·07 billion by the end of 2022.**

**Mobile phone operators are investing heavily in high-speed networks to meet demand from users who are increasingly using phones for everything from paying their bills to streaming videos and surfing the internet.**

Figure 3 – Colour

Percentage (%) of the population who were undernourished in selected areas of Africa in 1992 and 2016

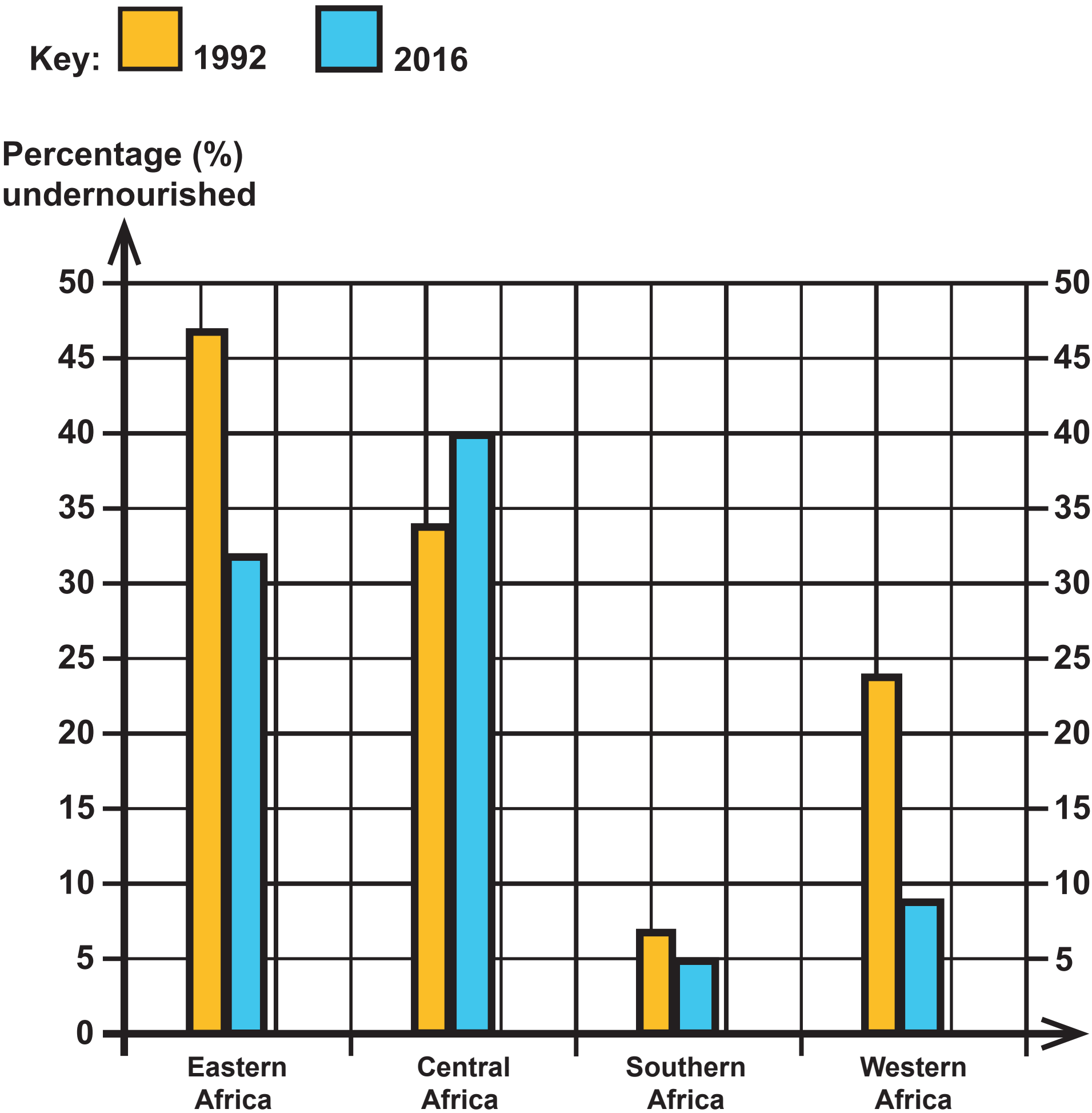




Figure 3 – Black and White

Percentage (%) of the population who were undernourished in selected areas of Africa in 1992 and 2016

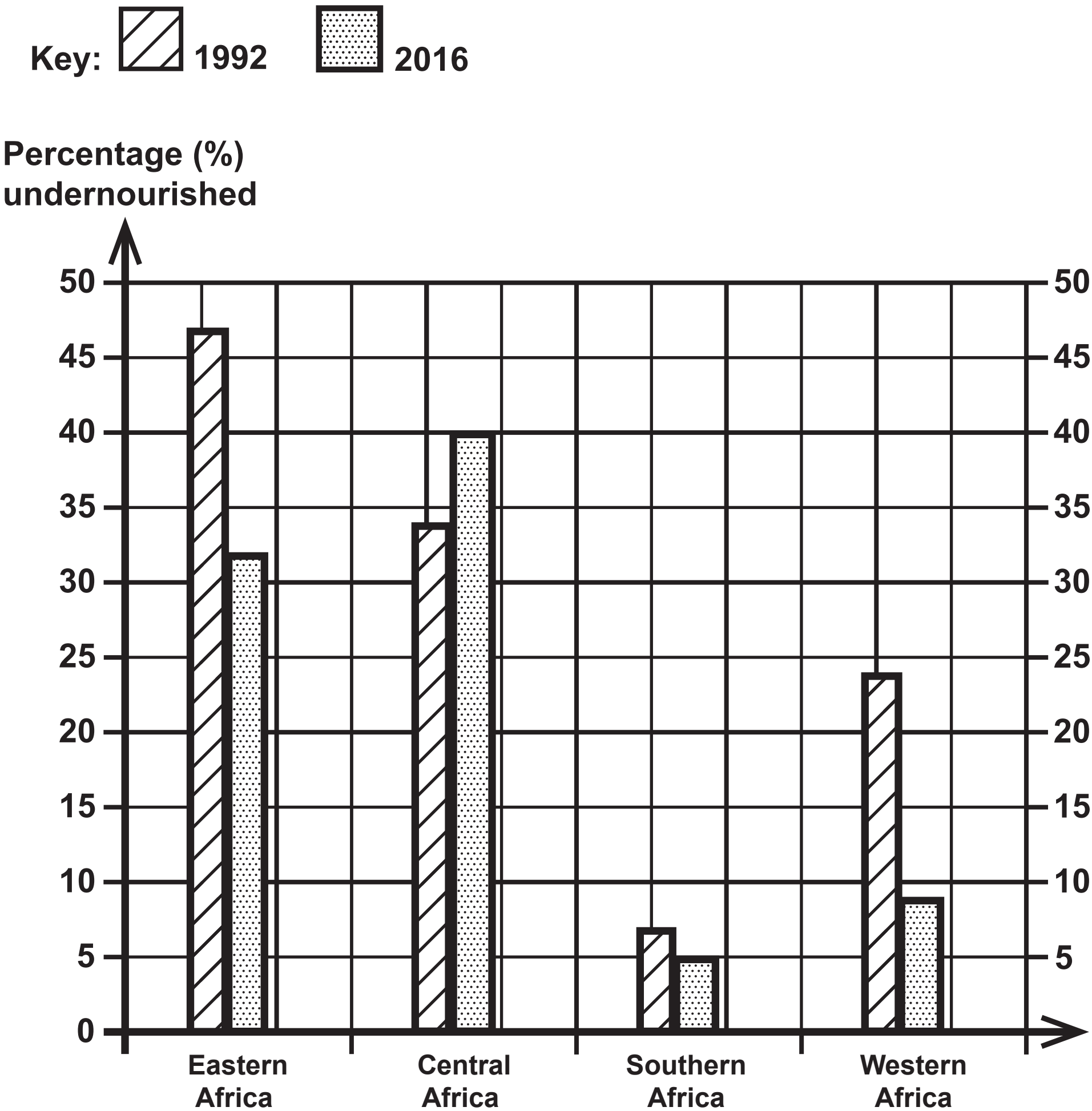


Figure 4 – Colour

Proportion of energy resources used to generate electricity in the UK, 2015–2016

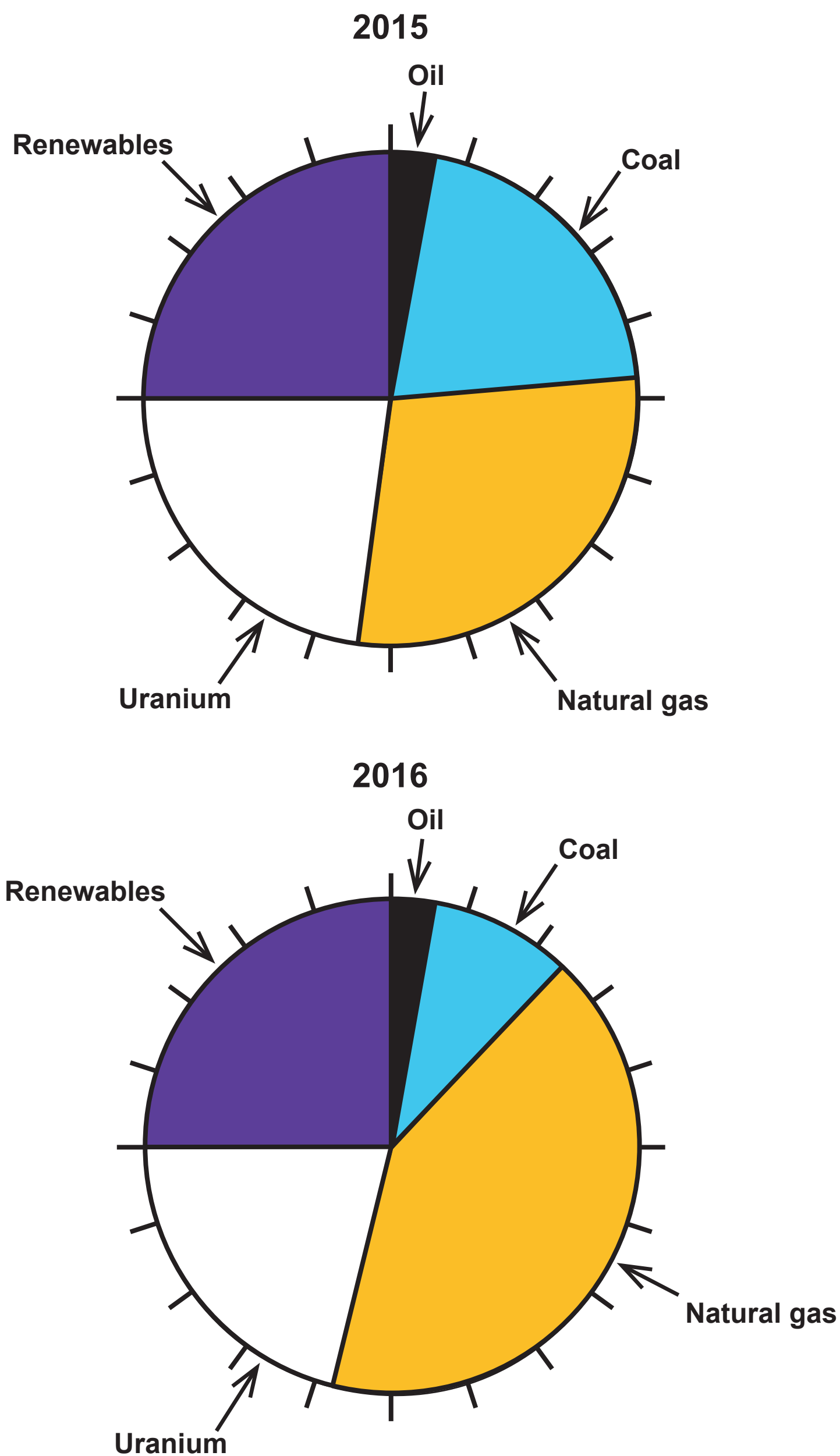


Figure 4 – Black and White

Proportion of energy resources used to generate electricity in the UK, 2015–2016

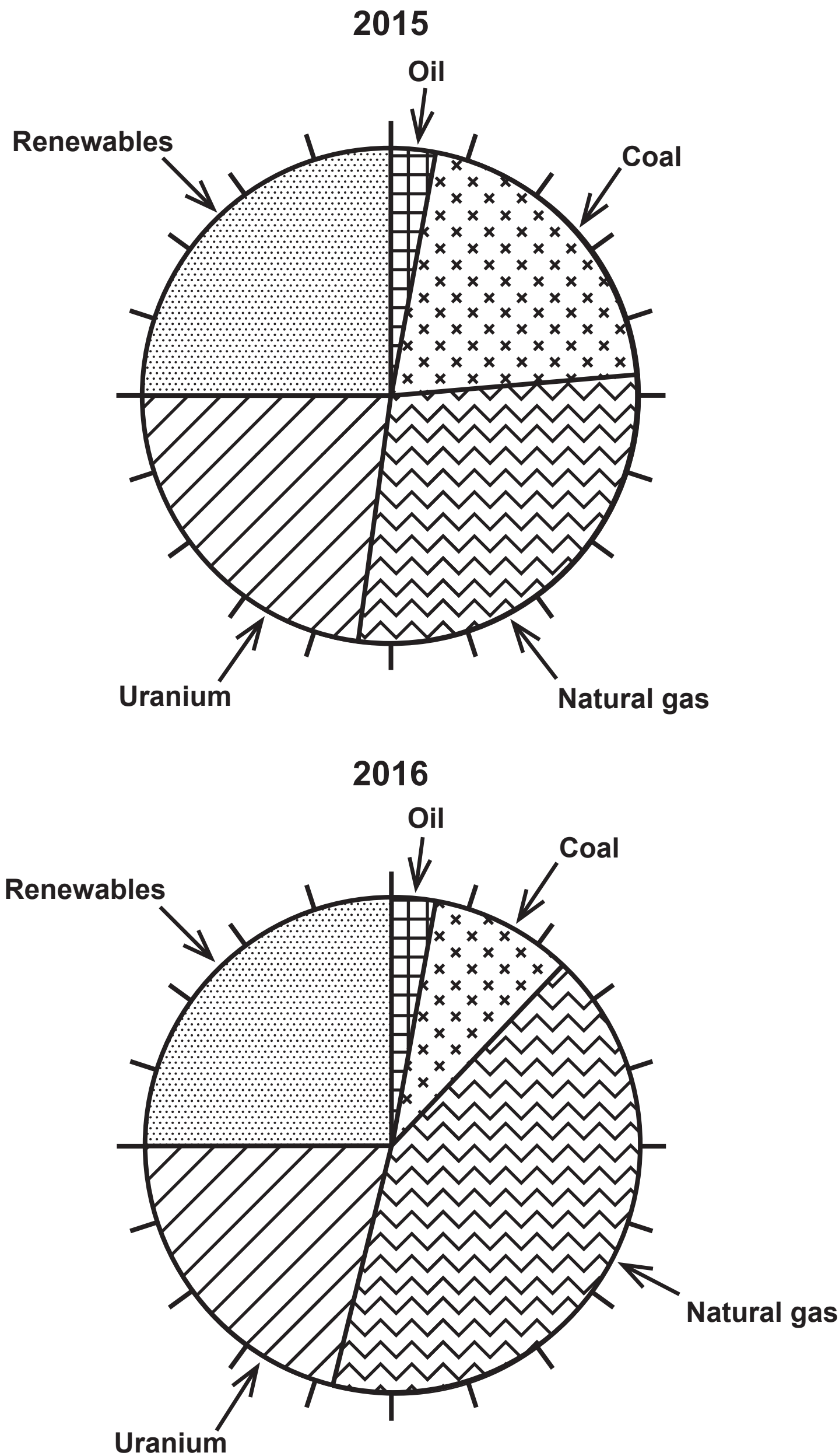


Figure 5

Predicted water stress in selected emerging and developing countries, 2020–2040

Key

- Low (1·0–1·99)
- Medium (2·0–2·99)
- High (3·0–3·99)
- Extremely High (4·0–4·99)

	2020	2030	2040
Botswana	1·97 Low	2·40 Medium	3·00 High
Chile	3·69 High	4·09 Extremely High	4·45 Extremely High
Estonia	2·69 Medium	3·46 High	3·91 High
Namibia	2·40 Medium	2·61 Medium	3·18 High

**Pearson Education Ltd. gratefully acknowledges all the following sources used in the preparation of this paper:**

**Figure 1a Sourced from: [http://www.rajukdhaka.gov.bd/rajuk/image/slideshow/1.%20Draft%20Dhaka%20Structure%20Plan%20Report%202016-2035\(Full%20%20Volume\).pdf](http://www.rajukdhaka.gov.bd/rajuk/image/slideshow/1.%20Draft%20Dhaka%20Structure%20Plan%20Report%202016-2035(Full%20%20Volume).pdf)**

**Figure 2a Source adapted from: <http://hdr.undp.org/en/data>**

**Figure 2c Source based on: <https://uk.reuters.com/article/us-africa-internet/africa-set-to-top-1-billion-mobile-internet-connections-in-five-years-study-idUKKBN1D61H3>**

**Figure 3 Sourced from: <http://www.fao.org/3/a-i4635e.pdf>**

**Figure 4 Sourced from: [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/604695/Press\\_Note\\_March\\_2017.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/604695/Press_Note_March_2017.pdf)**

**Figure 5 Sourced from: <http://www.visualcapitalist.com/extreme-water-shortages-are-expected-to-hit-these-countries-by-2040/>**