

Write your name here

Surname

Other names

**Pearson Edexcel**  
**International**  
**Advanced Level**

Centre Number

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Candidate Number

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# Geography

**International Advanced Subsidiary**  
**Paper 1: Global Challenges**

Tuesday 15 May 2018 – Afternoon

**Time: 1 hour 45 minutes**

Paper Reference

**WGE01/01**

**You must have:**

Resource Booklet (enclosed)

Total Marks

--

## Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions in Section A. Answer **either** Question 5 **or** Question 6 in Section B.
- Answer the questions in the spaces provided  
– *there may be more space than you need.*
- Calculators may be used.

## Information

- The total mark for this paper is 90.
- The marks for **each** question are shown in brackets  
– *use this as a guide as to how much time to spend on each question.*

## Advice

- Read each question carefully before you start to answer it.
- Check your answers if you have time at the end.

Turn over ►

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SECTION A

You must use the Resource Booklet.

Answer ALL questions in this section. Write your answers in the spaces provided.

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

1 Study Figure 1 in the Resource Booklet.

(a) (i) Identify the year with the largest number of geophysical disasters.

(1)

- A 2000
- B 2004
- C 2010
- D 2016

(ii) Describe the trend in meteorological disasters between 2000 and 2016.

(2)

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(iii) Suggest **one** reason for the increase in hydrological disasters, such as flooding, since 2004.

(2)

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2 Study Figure 2 in the Resource Booklet.

(a) (i) Name the Milankovitch Cycle labelled X.

(1)

(ii) Explain **two** ways Milankovitch Cycles can change the Earth's climate.

(4)

1

2

(b) Explain how **two** sources of evidence are used to reconstruct past climates.

(4)





3 Study Figure 3 in the Resource Booklet.

(a) (i) Identify the correct statement about the change in the population structure of Chile between 1982 and 2016.

(1)

- A Chile had a greater number of 0-14 year olds in 2016
- B Chile had fewer females over 80 years old in 2016
- C Chile had a greater number of 45-59 year olds in 2016
- D Chile had fewer males over 80 years old in 2016

(ii) Suggest **one** reason for the change in the Chilean population aged over 80.

(2)

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(iii) Explain **one** economic consequence of the change in the Chilean population structure between 1982 and 2016, as shown in Figure 3.

(3)

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(b) Assess the extent to which economic costs are the most significant impact of natural disasters.

(20)

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(Total for Question 5 = 30 marks)





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(b) Assess the extent to which the growth of megacities creates more challenges than opportunities.

(20)

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**(Total for Question 6 = 30 marks)**

**TOTAL FOR SECTION B = 30 MARKS**  
**TOTAL FOR PAPER = 90 MARKS**



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**Pearson Edexcel**  
International Advanced Level

# Geography

**International Advanced Subsidiary  
Paper 1: Global Challenges**

Tuesday 15 May 2018 – Afternoon  
**Resource Booklet**

Paper Reference

**WGE01/01**

**Do not return this Resource Booklet with the question paper.**

*Turn over* ►

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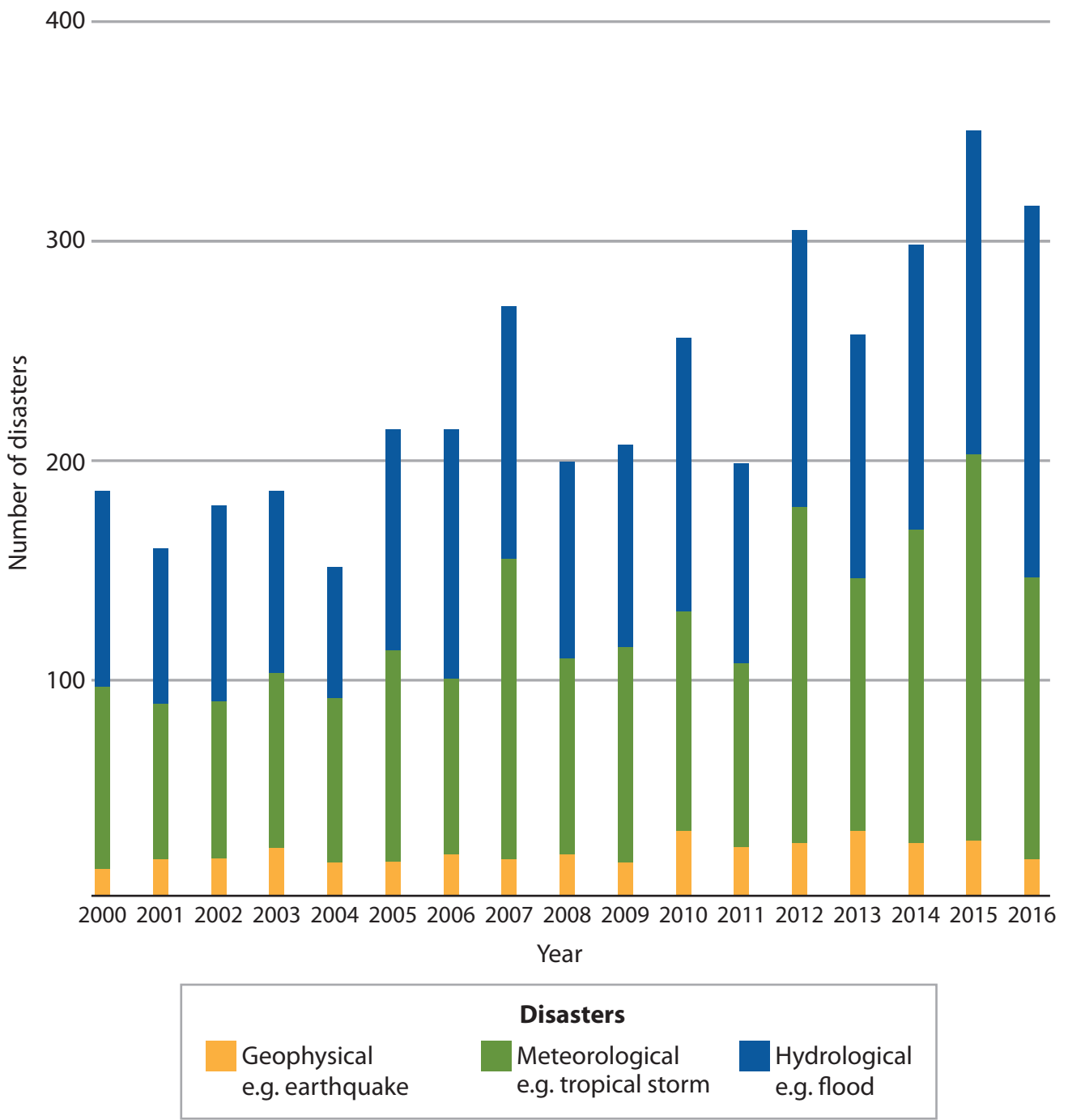
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SECTION A

The following resource relates to Question 1.



**Figure 1**  
**Number of disasters worldwide 2000-2016**

The following resource relates to Question 2.

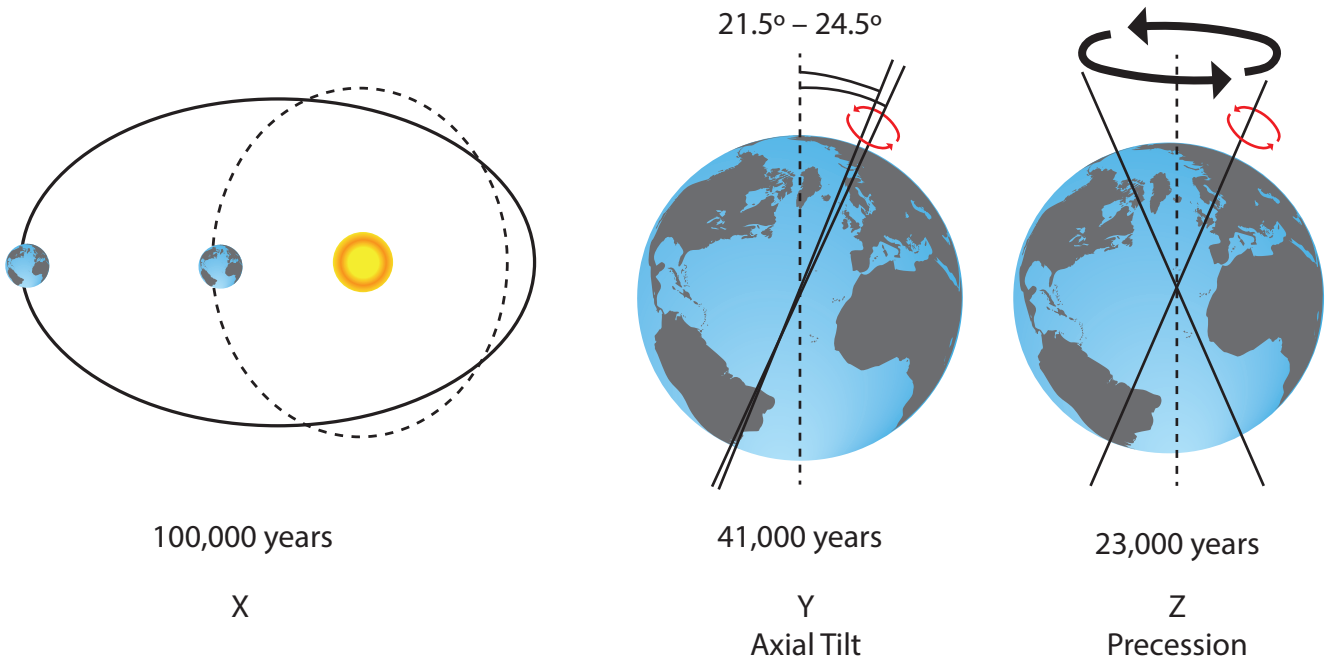
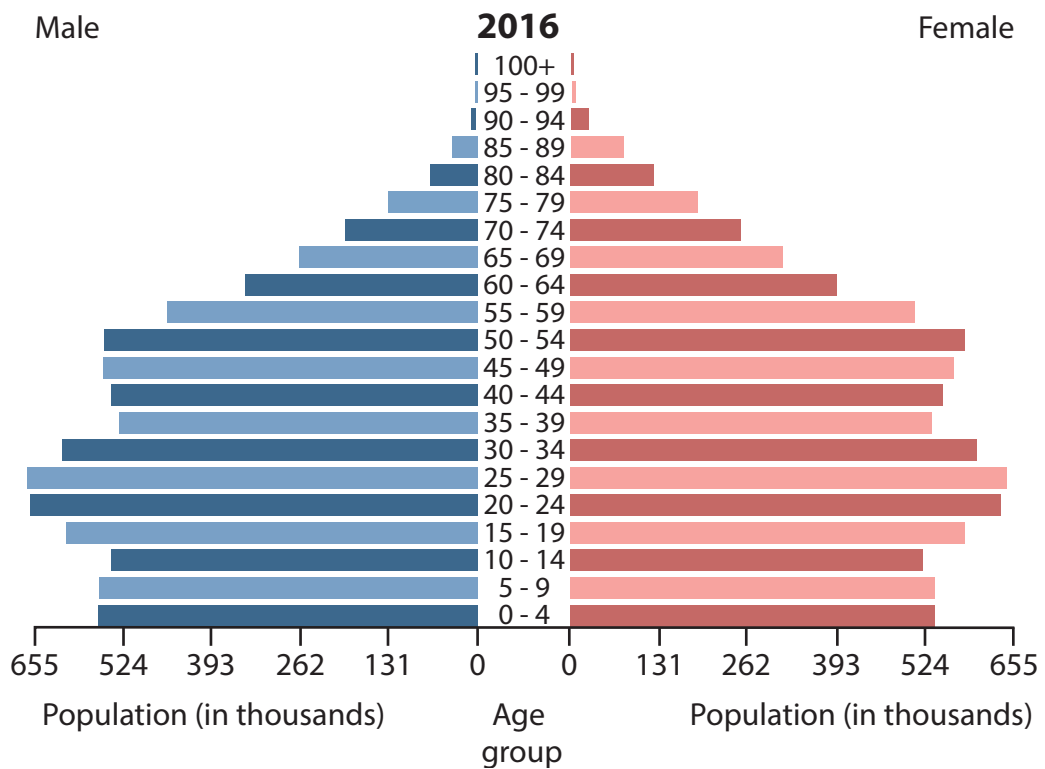
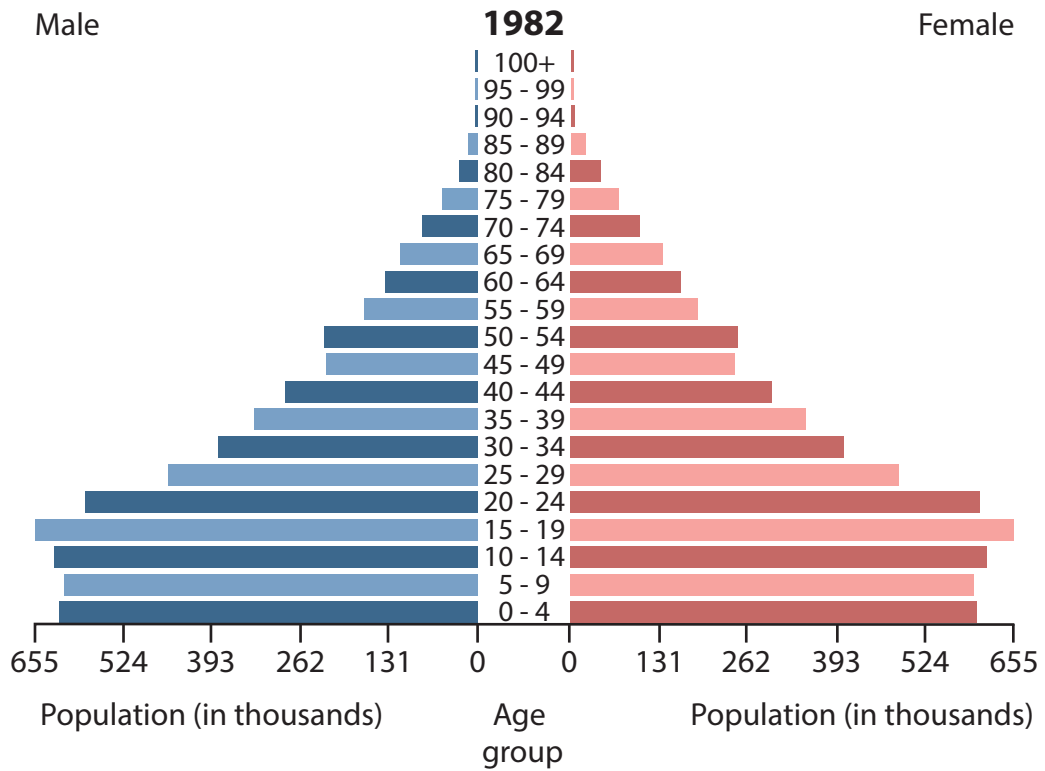


Figure 2

The Milankovitch Cycles

The following resource relates to Question 3.



**Figure 3**

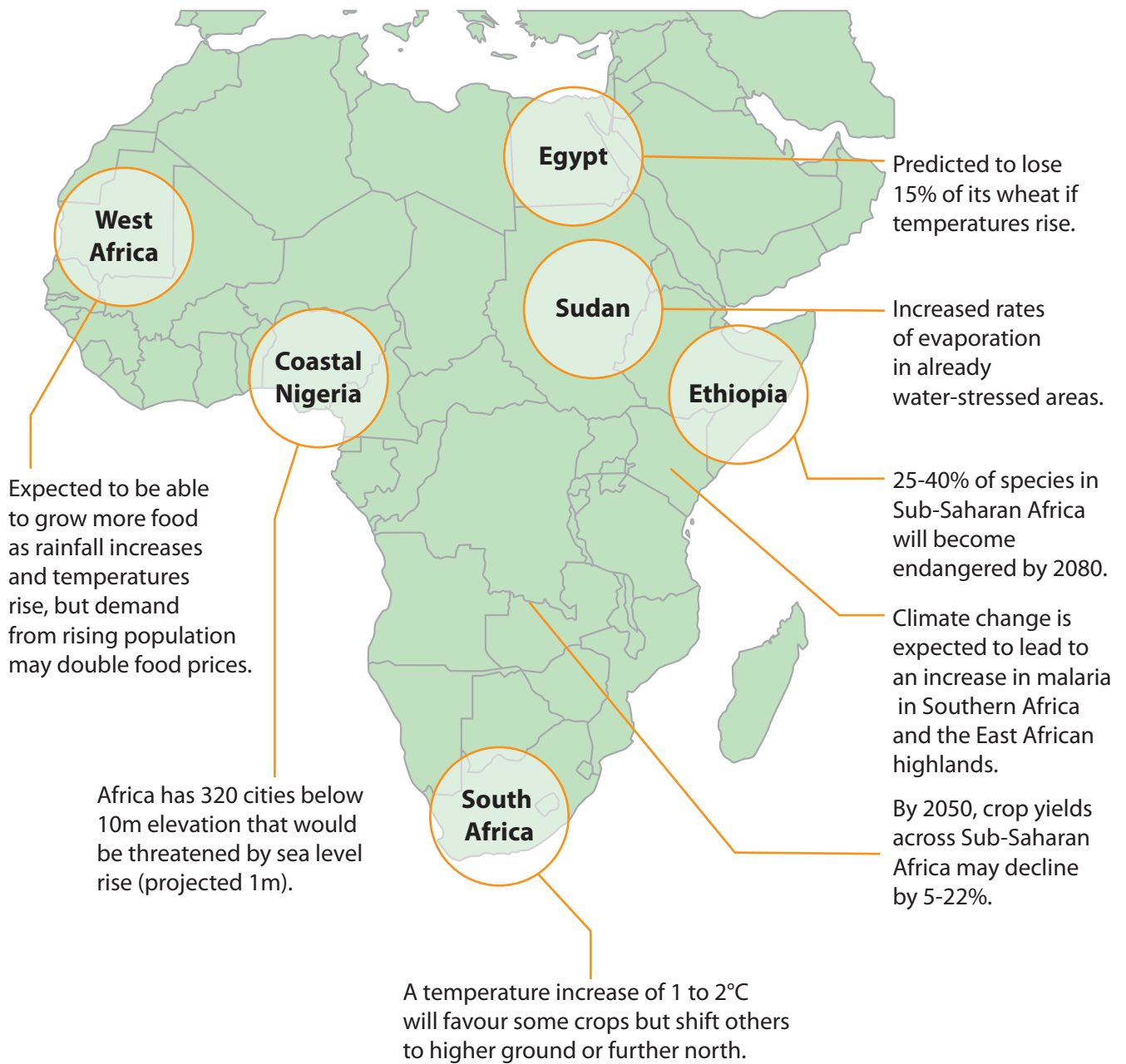
**Population pyramids for Chile in 1982 and 2016**





**SECTION B**

The following resource relates to question 5.



**Figure 5**

**Possible impacts of climate change on Africa if temperatures rise by 2°C**

The following resource is for Question 6.

## Key facts about SEZs in India

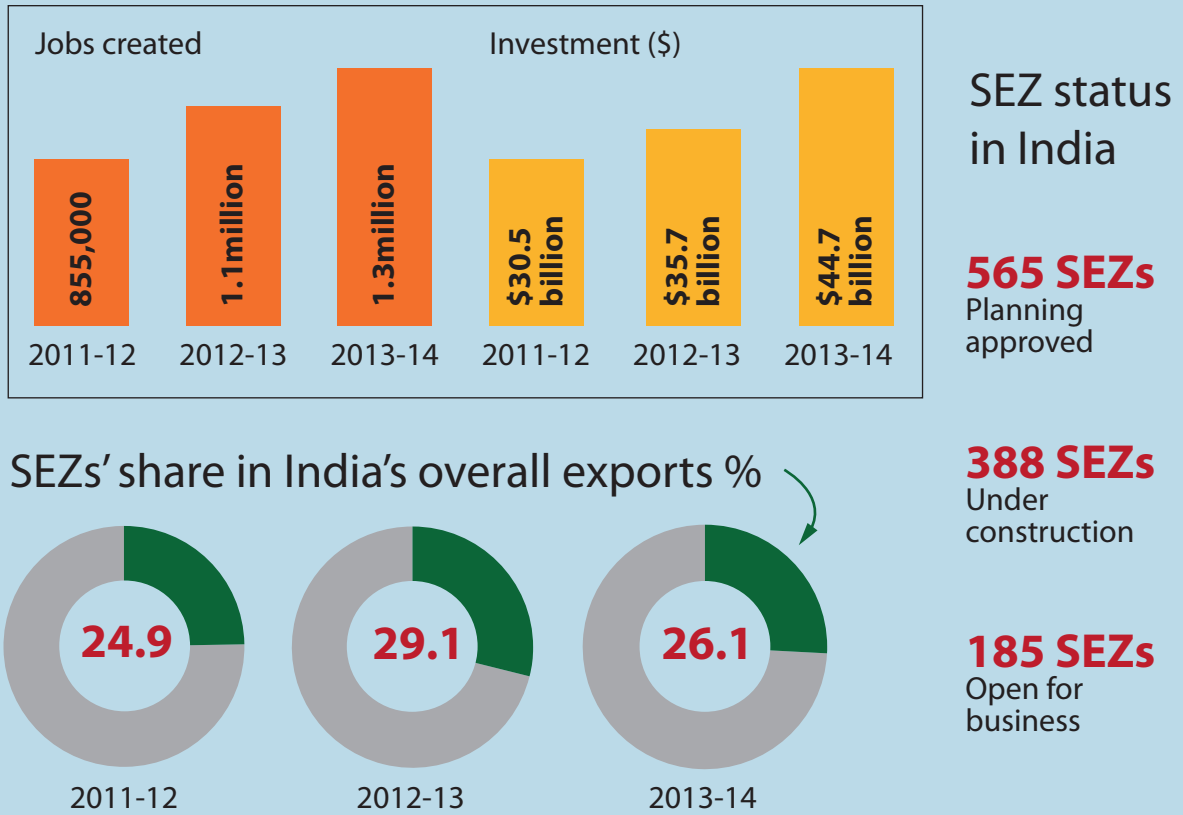


Figure 6

Key facts about Special Economic Zones (SEZs) in India

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Figure 2 – Source from: <http://www.earthmagazine.org/sites/earthmagazine.org/files/2016-04/Milankovitch.png>

Figure 3 – Source from: <https://populationpyramid.net/chile/1960/>

Figure 5 – © Guardian News and Media Services

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