Neap

Trial Examination 2021

VCE Geography Units 3&4

Written Examination

Question and Answer Booklet

Reading time: 15 minutes
Writing time: 2 hours

Student's Name: _____

Teacher's Name: _____

Structure of booklet

Number of questions	*Number of questions to be answered*	*Number of marks*
8	8	80

Students are permitted to bring into the examination room: pens, pencils, highlighters, erasers, sharpeners, rulers, coloured pencils, water-based pens and markers.

Students are NOT permitted to bring into the examination room: blank sheets of paper and/or correction fluid/tape.

No calculator is allowed in this examination.

Materials supplied

Question and answer booklet of 12 pages

Data booklet

Additional space is available at the end of the booklet if you need extra space to complete an answer.

Instructions

Write your **name** and your **teacher's name** in the space provided above on this page.

All written responses must be in English.

At the end of the examination

You may keep the data booklet.

Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.

Students are advised that this is a trial examination only and cannot in any way guarantee the content or the format of the 2021 VCE Geography Units 3&4 Written Examination.

Instructions

Answer **all** questions in the spaces provided. Refer to the data booklet as indicated.

Question 1 (12 marks)

a. Describe the relative location of your selected area of fieldwork that you have undertaken this year. 2 marks

b. Identify **one** natural and **one** human geographical characteristic of your selected area of fieldwork. 2 marks

Natural geographical characteristic _____

Human geographical characteristic _____

c. Discuss the process and time sequence of land use change that has occurred in your selected area of fieldwork. 4 marks

d. Identify and describe the influence of an individual, group or organisation in the process of land use change in your selected area of fieldwork. 4 marks

Question 2 (8 marks)

Name **one** country where desertification is occurring.

Discuss **two** causes of desertification and the associated impacts for the current land cover changes occurring in the country you have named.

Question 3 (10 marks)

a. Explain **one** natural process that has led to the change in global vegetation distribution between the Last Glacial Maximum (LGM) and present day. 6 marks

b. Identify **one** form of spatial technology and describe how this technology is useful in **either** assessing **or** managing land cover change over time. 4 marks

Question 4 (10 marks)

With reference to a selected location, using **two** appropriate criteria, evaluate the effectiveness of a national response to the impacts of **either** deforestation **or** desertification.

Use Figures 1 and 2 on pages 2–5 of the data booklet when responding to Question 5.

Question 5 (10 marks)

a. Describe the change in life expectancy from 1950 to 2019 in a world regional context. 5 marks

b. Provide **two** possible explanations for the change in life expectancy on a global scale from 1950 to 2019. 3 marks

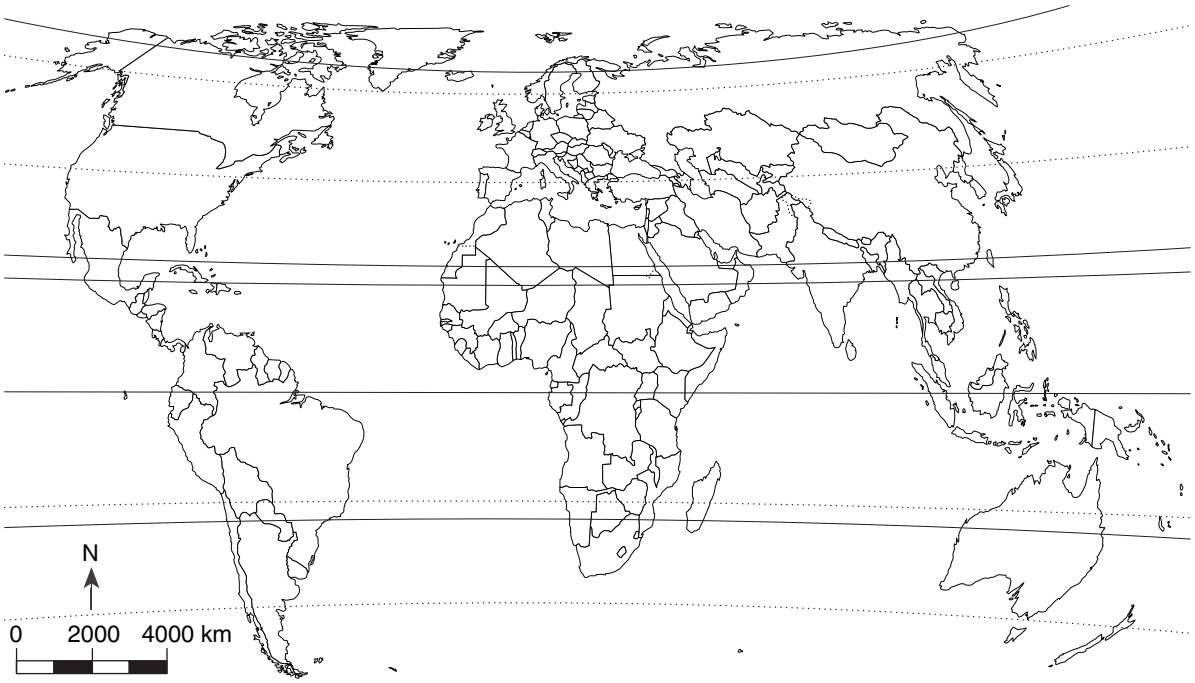
c. Based on the data presented, predict how life expectancy may continue to change in the future. 2 marks

Question 6 (6 marks)

Describe the Demographic Transition Model (DTM) and assess its usefulness in understanding the population dynamics of a place. Refer to **one** limitation of the model in your answer.

Question 7 (16 marks)

a. On the outline map below, mark and name **one** country that has an ageing population and **one** country that has a growing population. Use correct conventions to complete the map. 4 marks



Source: d-maps.com (n.d.). *Planisphere World (Europe Africa)* [map], d-maps.com website. Accessed May 2021. https://d-maps.com/carte.php?num_car=13183&lang=en

b. Explain the significance of the population issues faced by the two countries mapped in **part a.** 6 marks

c. Discuss **two** key differences between **either** the economic **or** social conditions that contribute to the population issues faced by the two countries mapped in **part a.** 6 marks

Question 8 (8 marks)

With reference to a strategy developed in response to an ageing population in a country that you have studied this year, suggest how spatial technology could be used to **either** develop **or** implement the strategy.

END OF QUESTION AND ANSWER BOOKLET

Extra space for responses

Clearly number all responses in this space.

Neap

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VCE Geography Units 3&4

Written Examination

Data Booklet

Reading time: 15 minutes
Writing time: 2 hours

Instructions

A question and answer booklet is provided with this data booklet.
Refer to the data in this booklet for each question as indicated in the question and answer booklet.
The data contained in this booklet is drawn from current real-world case studies.

Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.

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FIGURE 1 HUMAN POPULATION

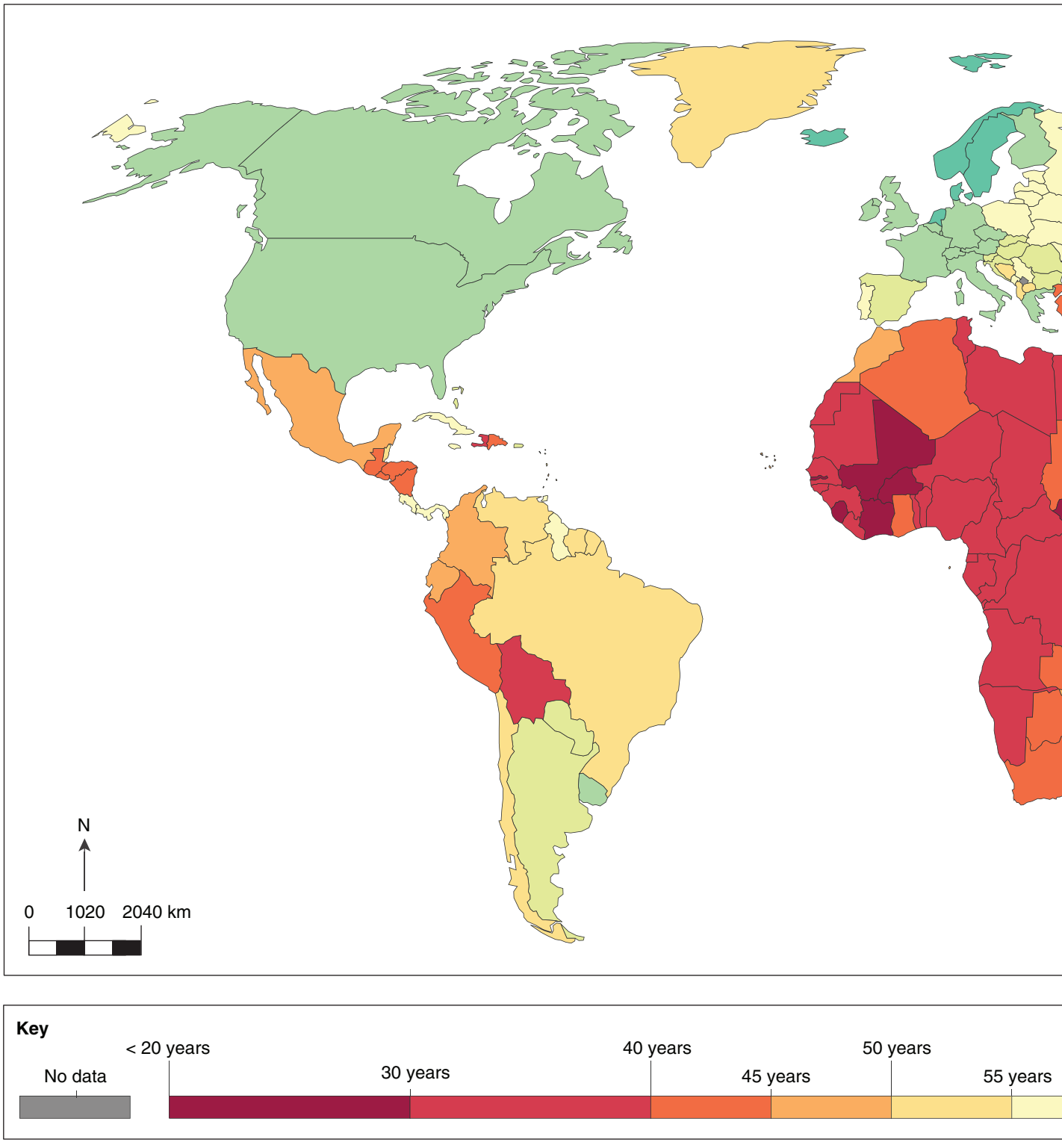
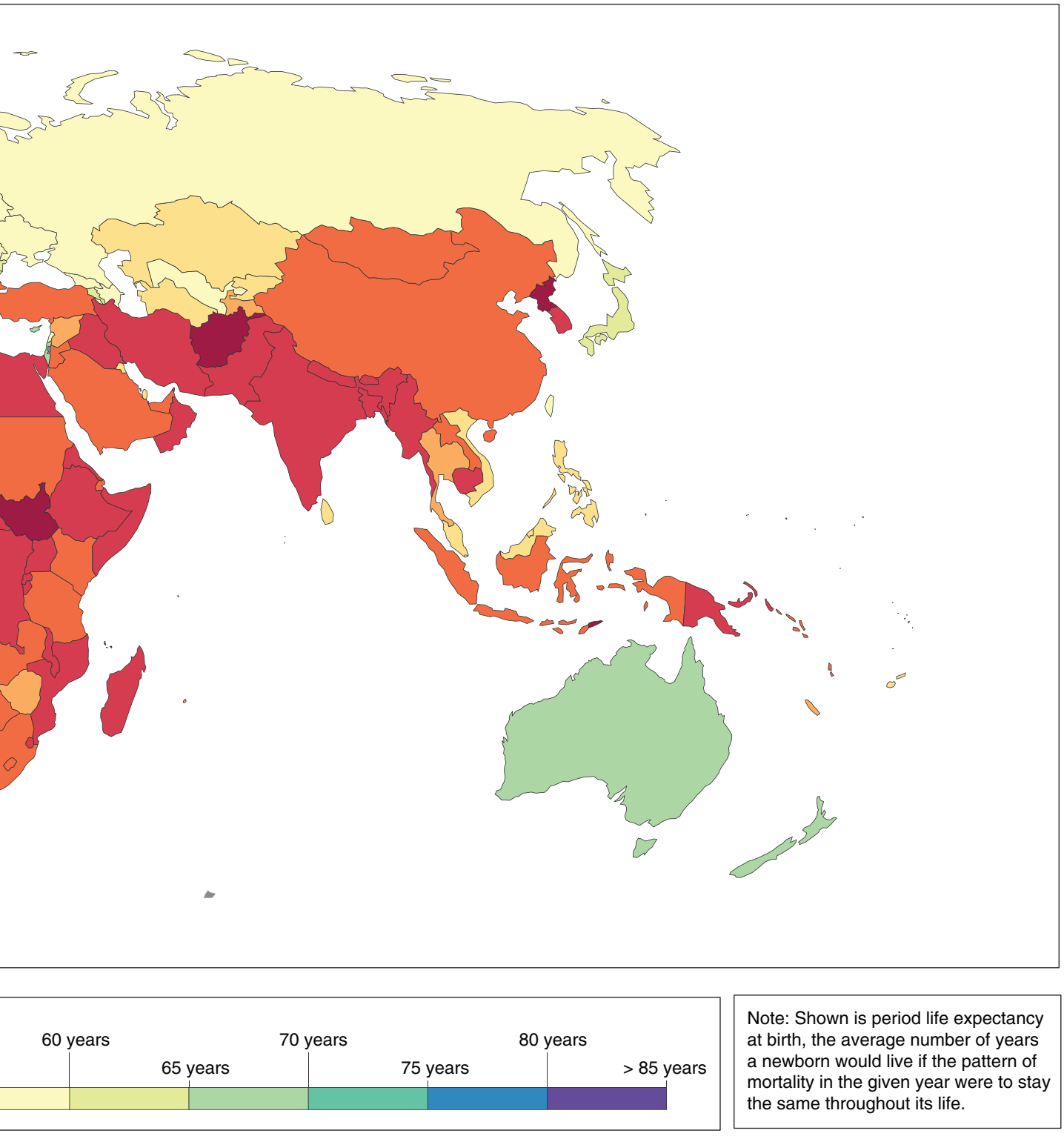


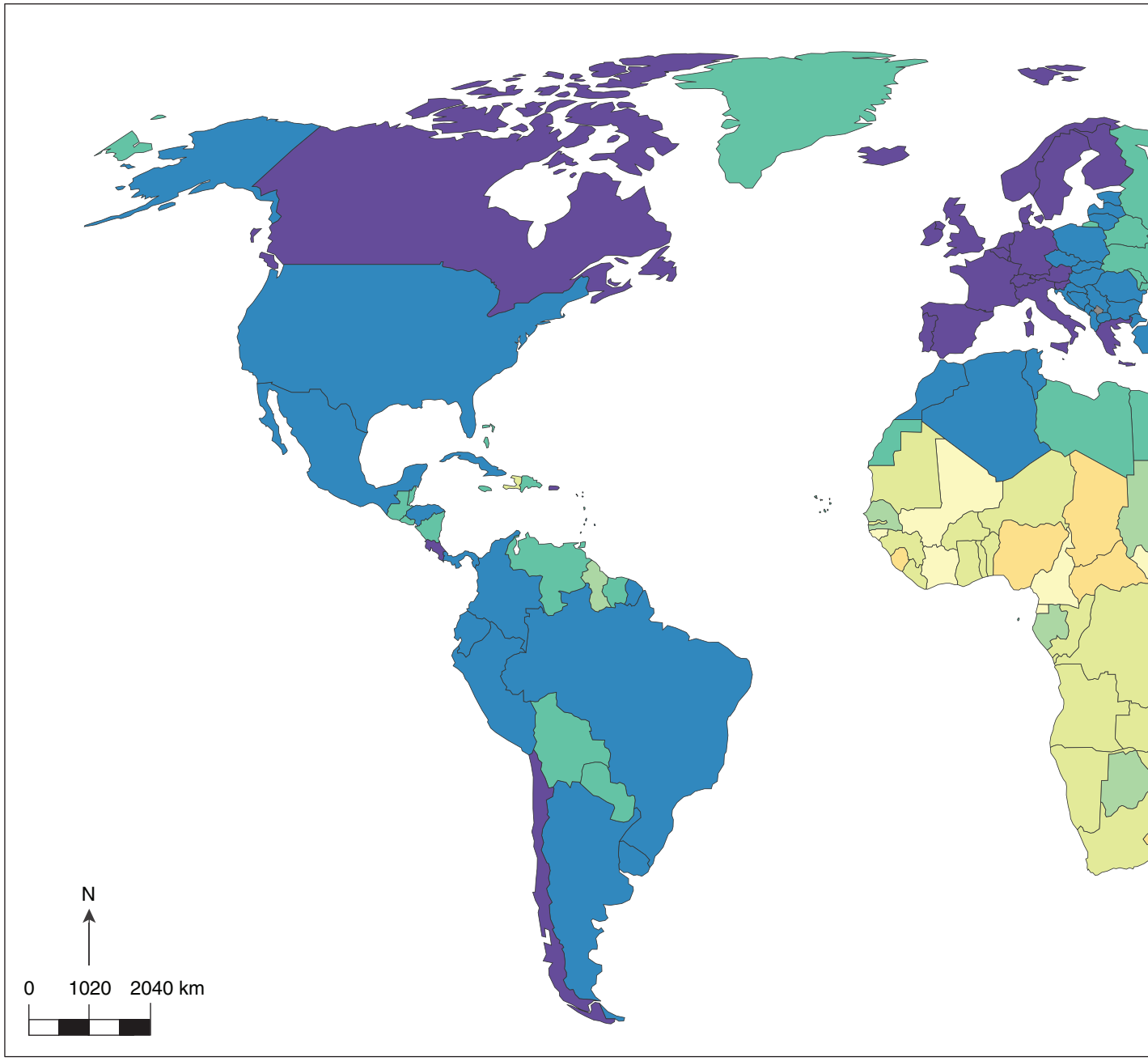
Figure 1: Life expectancy (at birth) on a global scale, 1950



Note: Shown is period life expectancy at birth, the average number of years a newborn would live if the pattern of mortality in the given year were to stay the same throughout its life.

Source: Our World in Data (n.d.), 'Life expectancy, 1950' [map], *Life expectancy*, Our World in Data website. Accessed May 2021. https://ourworldindata.org/life-expectancy. Licensed under CC BY 4.0, https://creativecommons.org/licenses/by/4.0/legalcode. Data from Riley JC (2005) 'Estimates of Regional and Global Life Expectancy, 1800–2001'; Zijdeman R & Ribeira da Silva F (2015) 'Life Expectancy at Birth (Total)'; and United Nations Population Division (2019) World Population Prospects 2019.

FIGURE 2 HUMAN POPULATION



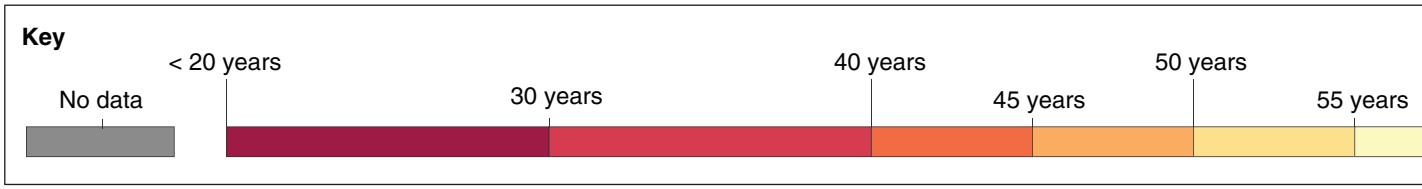
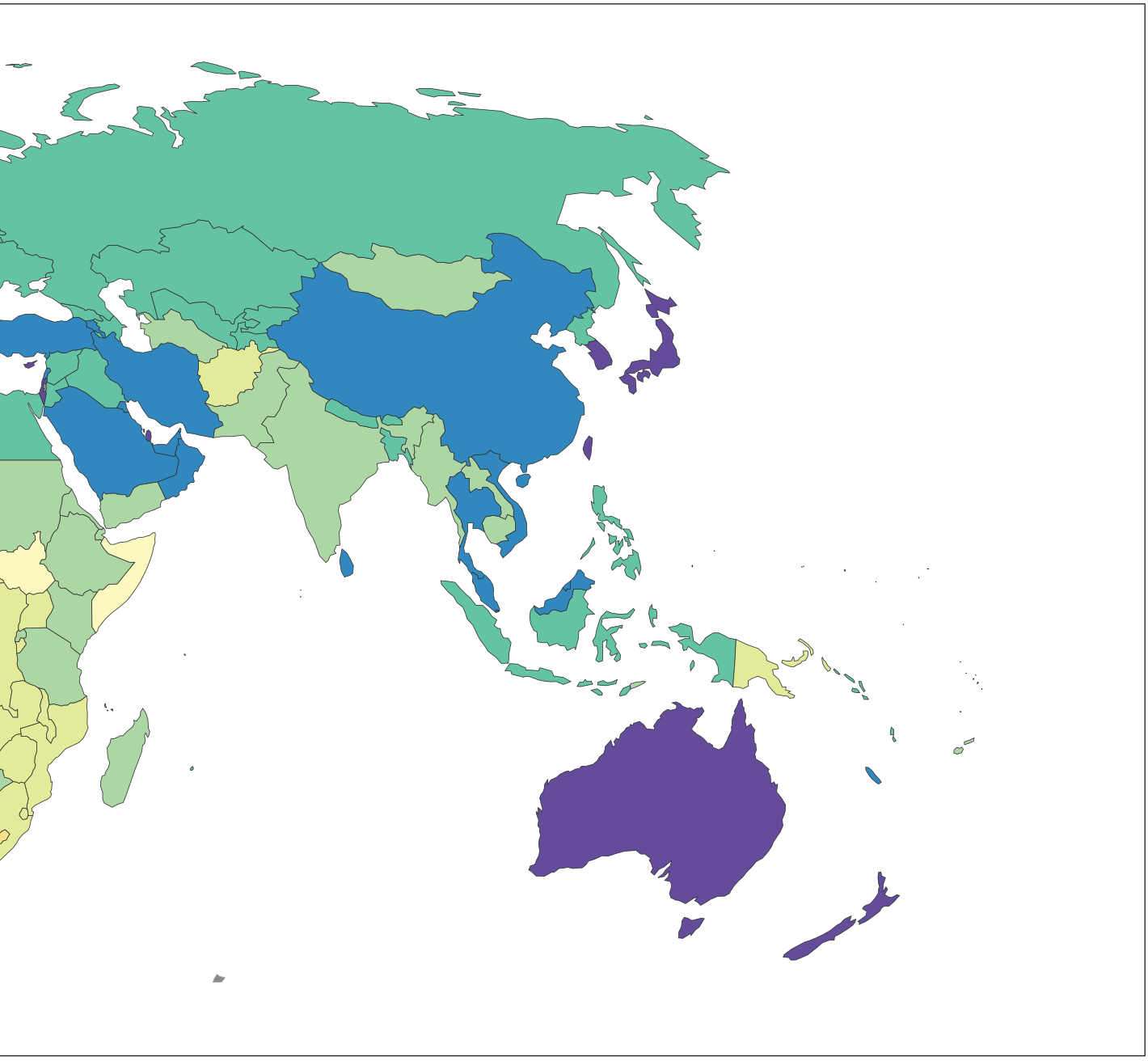
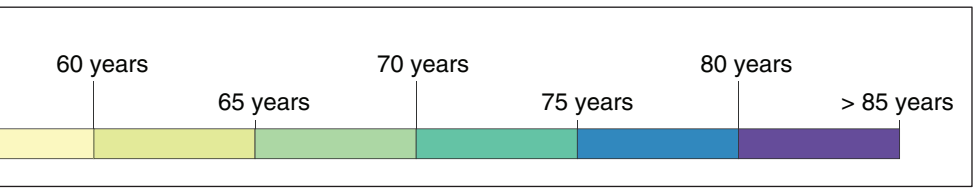


Figure 2: Life expectancy (at birth) on a global scale, 2019





Note: Shown is period life expectancy at birth, the average number of years a newborn would live if the pattern of mortality in the given year were to stay the same throughout its life.

Source: Our World in Data (n.d.), 'Life expectancy, 2019' [map], *Life expectancy*, Our World in Data website. Accessed May 2021. https://ourworldindata.org/life-expectancy. Licensed under CC BY 4.0, https://creativecommons.org/licenses/by/4.0/legalcode. Data from Riley JC (2005) 'Estimates of Regional and Global Life Expectancy, 1800–2001'; Zijdeman R & Ribeira da Silva F (2015) 'Life Expectancy at Birth (Total)'; and United Nations Population Division (2019) World Population Prospects.

END OF DATA BOOKLET