



Diploma Programme  
Programme du diplôme  
Programa del Diploma

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**Geography**  
**Higher level and standard level**  
**Paper 1 – resource booklet**

Friday 13 May 2022 (afternoon)

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**Instructions to candidates**

- Do not open this booklet until instructed to do so.
- This booklet accompanies paper 1.

11 pages

2222–5203  
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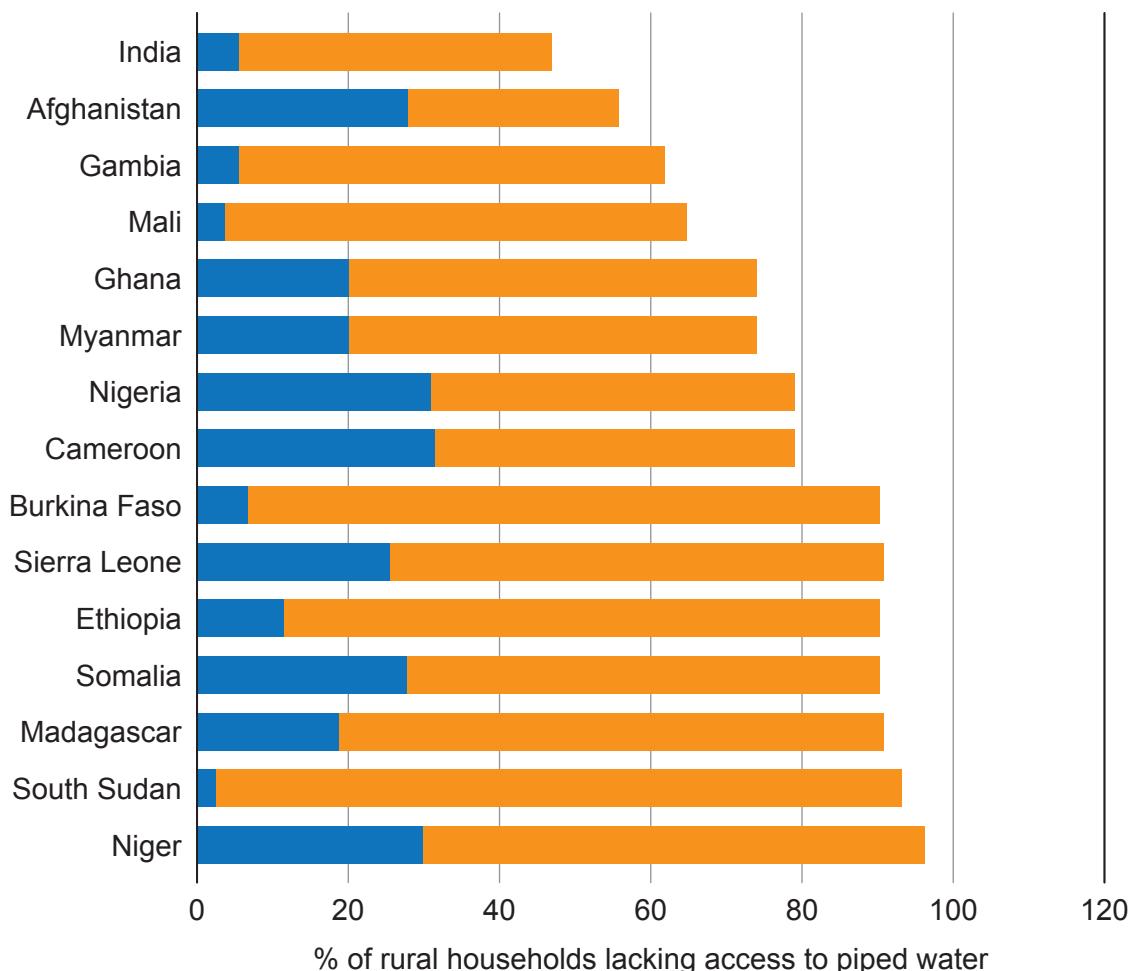
**Option A — Freshwater**

1. The graph shows who has responsibility for collecting water from outside the home in countries where a high percentage of rural households lack access to piped water.

**Key:**

Households where water is collected by:

Men      Women



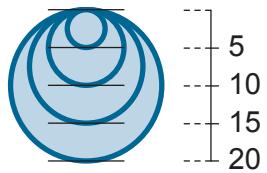
### Option B — Oceans and coastal margins

3. The map shows the pattern of movement of oil tankers and their chokepoints.

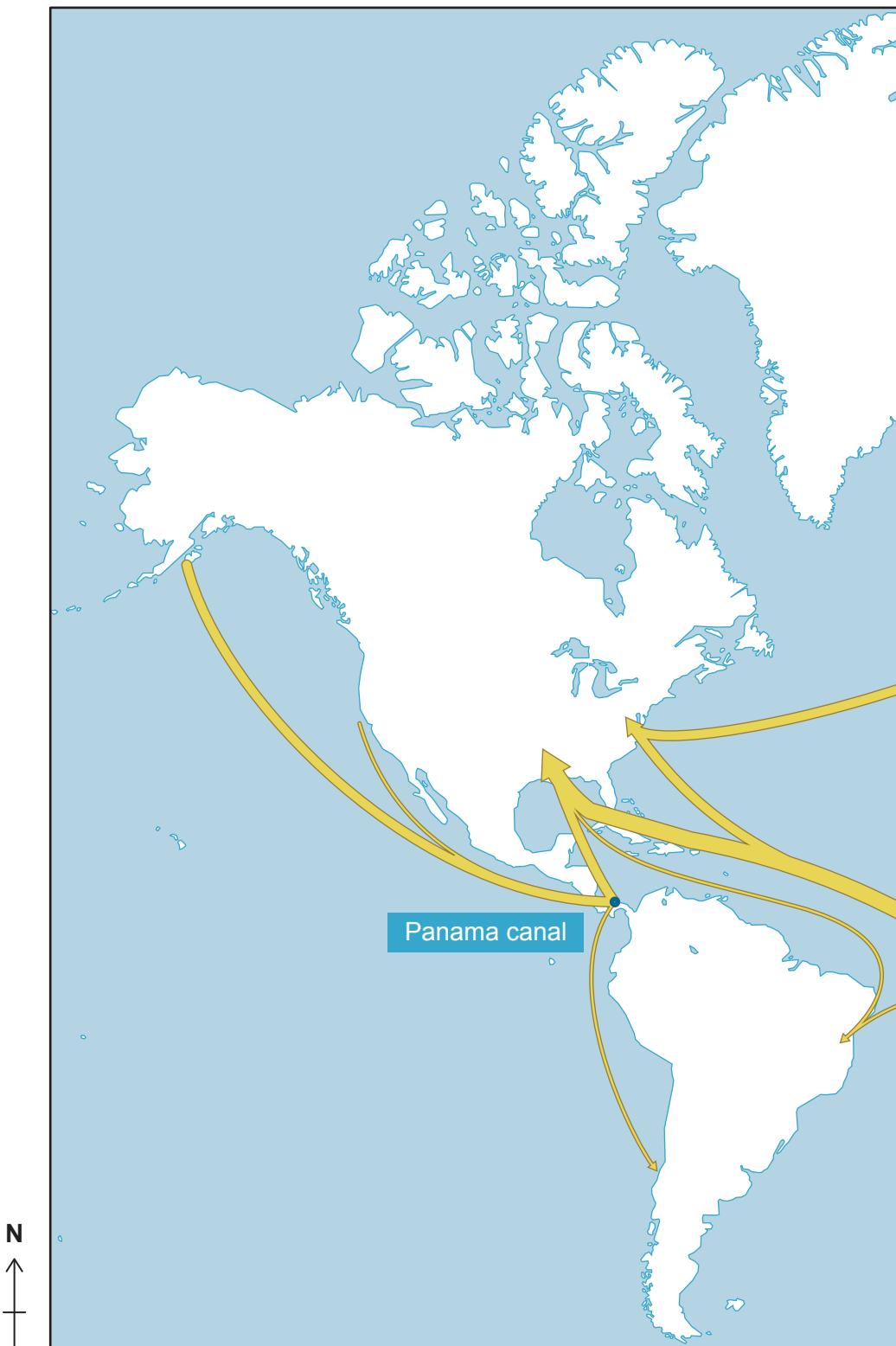
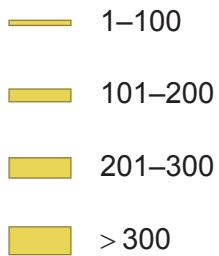
#### Key:

● Oil chokepoint

**Daily oil movement by tanker**  
(millions of barrels)



**Annual oil transit**  
(million tonnes)





**Option C — Extreme environments**

5. The world map shows the production of desalinized water in selected countries which include hot, arid areas.

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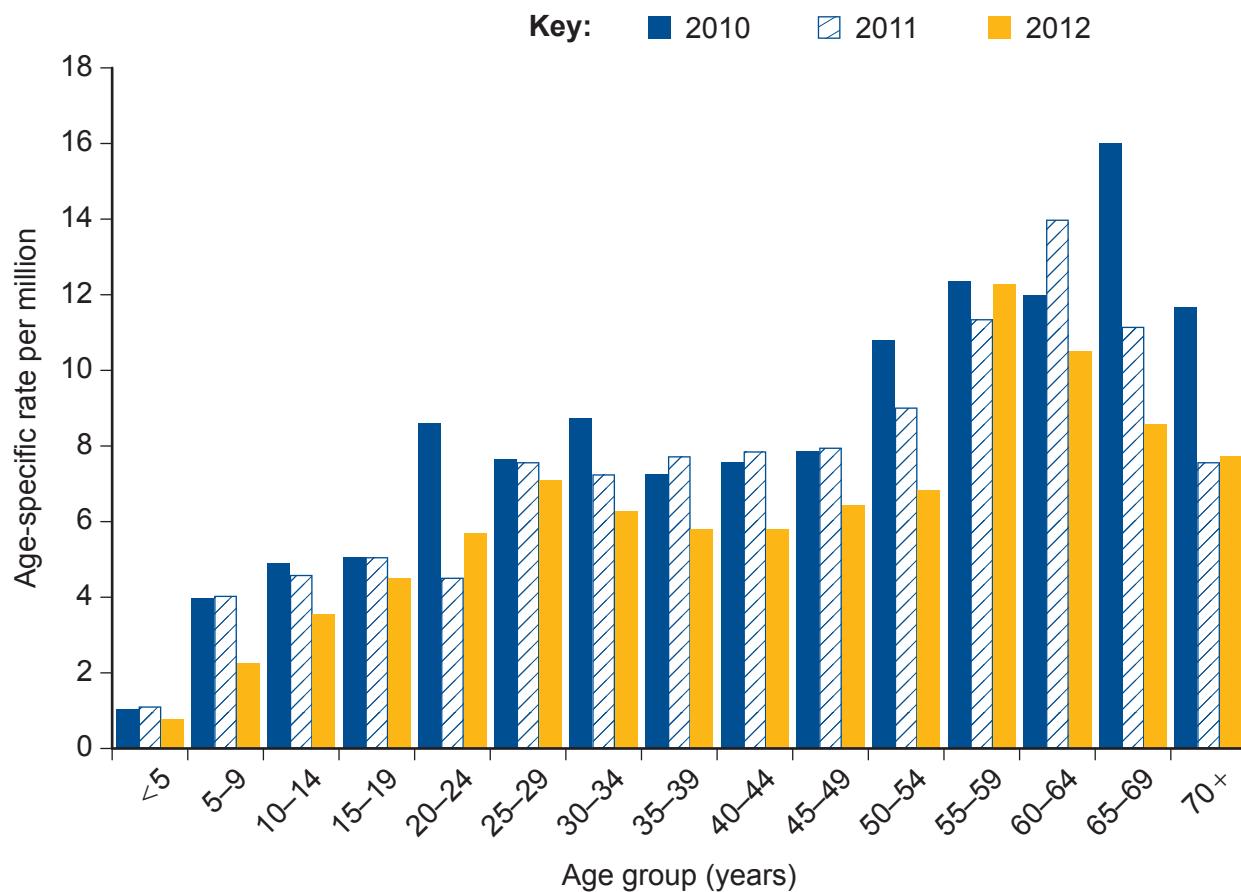
**Option E — Leisure, tourism and sport**

9. The photograph shows a football stadium in South America.



### Option F — Food and health

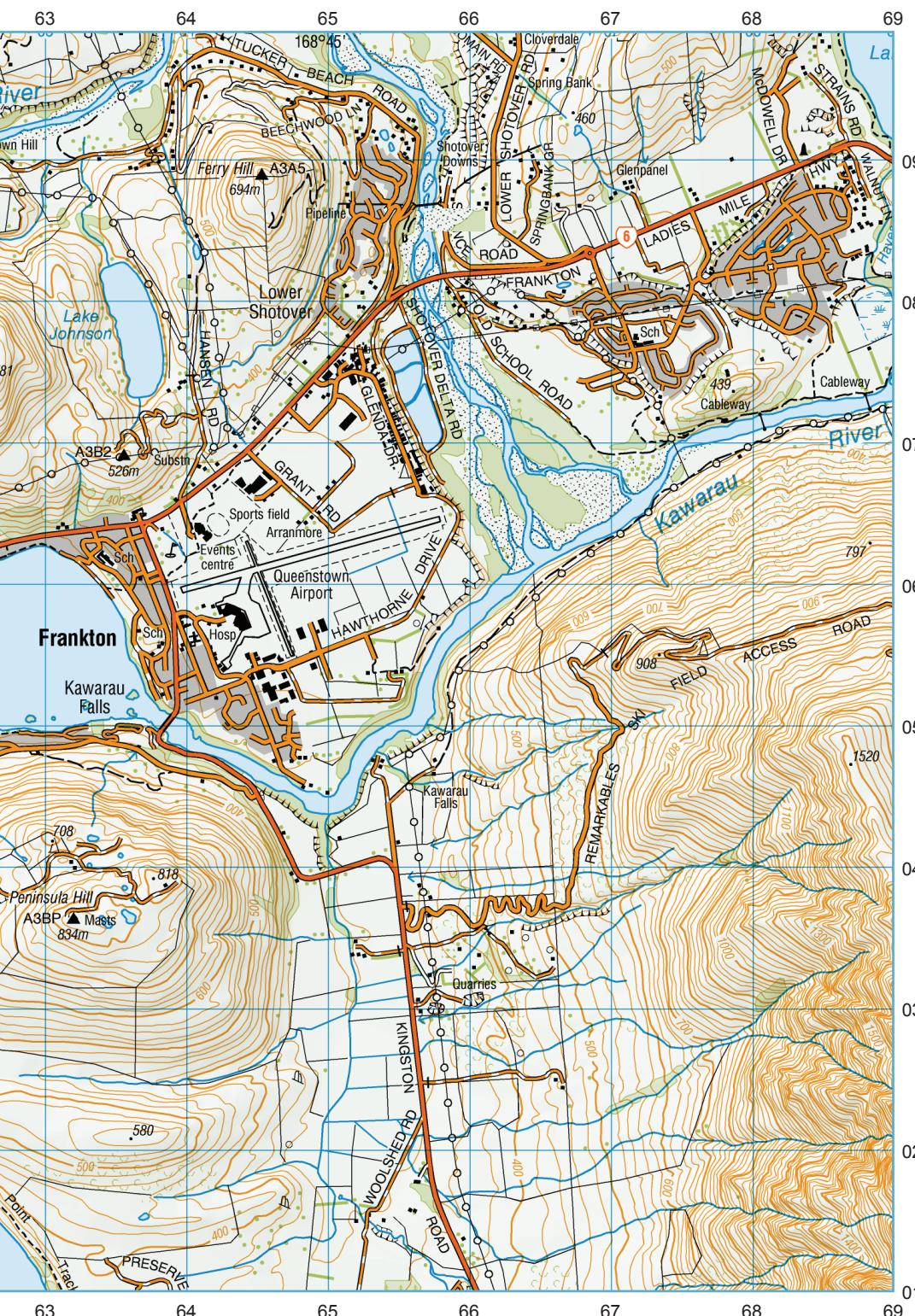
11. The graph shows the incidence of dengue fever (a vector-borne disease) in an Asian country between 2010 and 2012 by age group.



### Option G — Urban environments

13. The topographic map shows the small town of Queenstown in New Zealand. Founded in the 1860s this town has experienced rapid growth since then. The scale of the map is 1:50 000.



**Key:****Roads and tracks**

- State highway
- Narrow road
- Foot track

**Relief features**

- Contour
- Elevation in metres

**Ground cover**

- Vegetation
- Marsh/soft mud

**Miscellaneous**

- Residential area
- Large buildings
- Isolated building
- Power line:
  - on pylons
  - on poles
- Telephone line

**Scale:**

0 1 km

[Source: NZTopo Database. Crown Copyright Reserved.]

**References:**

1. Adapted from *Safely managed drinking water: thematic report on drinking water 2017*, World Health Organization & United Nations Children's Fund (UNICEF), p. 31, 2017. <https://apps.who.int/iris/handle/10665/325897>. Accessed 6 May 2020.
3. Bender, J., 2015. These 8 narrow chokepoints are critical to the world's oil trade, [online] Available at: <https://www.businessinsider.com/worlds-eight-oil-chokepoints-2015-4?r=US&IR=T> [Accessed 4 May 2020]. Source adapted.  
U.S. Energy Information Administration, 2014. World oil transit chokepoints critical to global energy security [online] Available at: <https://www.eia.gov/todayinenergy/detail.php?id=18991#menu> [Accessed 19 July 2021]. Source adapted.
9. Allen Brown / Alamy Stock Photo.
11. Bracebridge, S., 2015. Age-specific dengue fever incidence rates, Taiwan, 2010–2012. [online] Available at: [https://figshare.com/articles/\\_Age\\_specific\\_dengue\\_fever\\_incidence\\_rates\\_Taiwan\\_2010\\_8211\\_2012\\_/1345062/1](https://figshare.com/articles/_Age_specific_dengue_fever_incidence_rates_Taiwan_2010_8211_2012_/1345062/1) This file is licensed under the Creative Commons Attribution 4.0 International licence (<https://creativecommons.org/licenses/by/4.0/>). [Accessed 6 May 2020]. Source adapted.
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