

No part of this product may be reproduced in any form or by any electronic or mechanical means, including information storage and retrieval systems, without written permission from the IB.

Additionally, the license tied with this product prohibits commercial use of any selected files or extracts from this product. Use by third parties, including but not limited to publishers, private teachers, tutoring or study services, preparatory schools, vendors operating curriculum mapping services or teacher resource digital platforms and app developers, is not permitted and is subject to the IB's prior written consent via a license. More information on how to request a license can be obtained from <https://ibo.org/become-an-ib-school/ib-publishing/licensing/applying-for-a-license/>.

Aucune partie de ce produit ne peut être reproduite sous quelque forme ni par quelque moyen que ce soit, électronique ou mécanique, y compris des systèmes de stockage et de récupération d'informations, sans l'autorisation écrite de l'IB.

De plus, la licence associée à ce produit interdit toute utilisation commerciale de tout fichier ou extrait sélectionné dans ce produit. L'utilisation par des tiers, y compris, sans toutefois s'y limiter, des éditeurs, des professeurs particuliers, des services de tutorat ou d'aide aux études, des établissements de préparation à l'enseignement supérieur, des fournisseurs de services de planification des programmes d'études, des gestionnaires de plateformes pédagogiques en ligne, et des développeurs d'applications, n'est pas autorisée et est soumise au consentement écrit préalable de l'IB par l'intermédiaire d'une licence. Pour plus d'informations sur la procédure à suivre pour demander une licence, rendez-vous à l'adresse suivante : <https://ibo.org/become-an-ib-school/ib-publishing/licensing/applying-for-a-license/>.

No se podrá reproducir ninguna parte de este producto de ninguna forma ni por ningún medio electrónico o mecánico, incluidos los sistemas de almacenamiento y recuperación de información, sin que medie la autorización escrita del IB.

Además, la licencia vinculada a este producto prohíbe el uso con fines comerciales de todo archivo o fragmento seleccionado de este producto. El uso por parte de terceros —lo que incluye, a título enunciativo, editoriales, profesores particulares, servicios de apoyo académico o ayuda para el estudio, colegios preparatorios, desarrolladores de aplicaciones y entidades que presten servicios de planificación curricular u ofrezcan recursos para docentes mediante plataformas digitales— no está permitido y estará sujeto al otorgamiento previo de una licencia escrita por parte del IB. En este enlace encontrará más información sobre cómo solicitar una licencia: <https://ibo.org/become-an-ib-school/ib-publishing/licensing/applying-for-a-license/>.

Geography
Higher level and standard level
Paper 2 – resource booklet

Monday 9 November 2020 (morning)

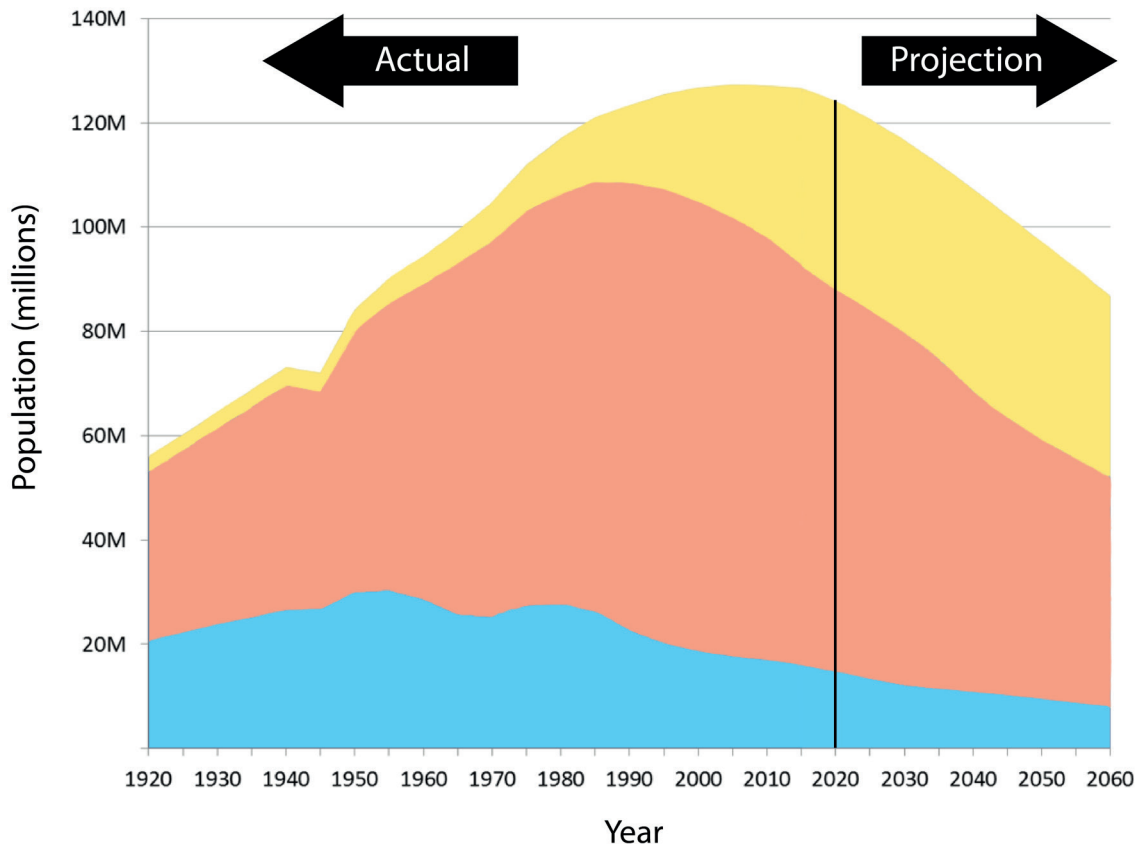
Instructions to candidates

- Do not open this booklet until instructed to do so.
- This booklet accompanies paper 2.

Blank page

1. Changing population

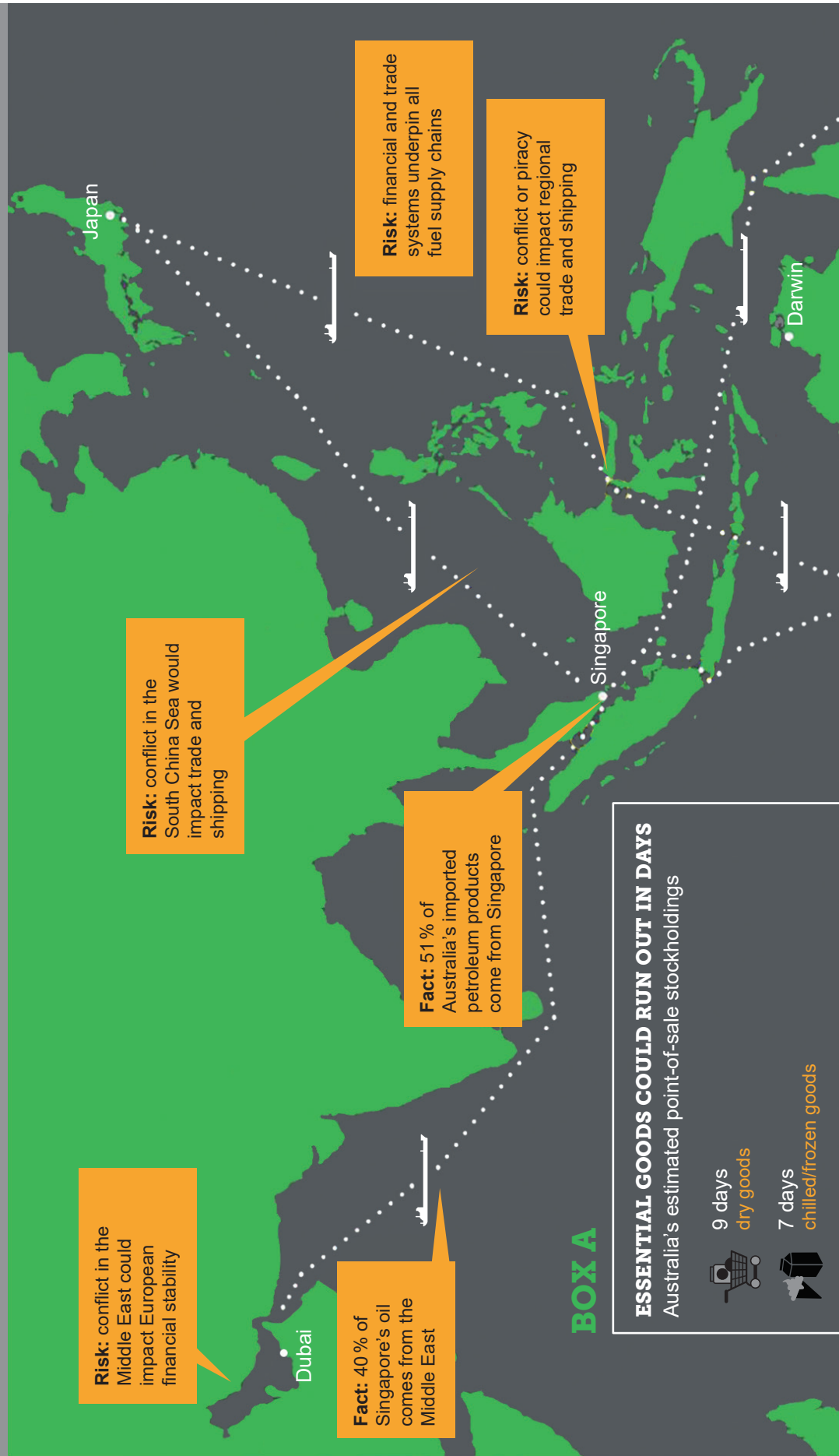
The graph shows the actual and projected population trends in Japan, from 1880 to 2100.



4. The infographic has been produced by Australia's National Roads and Motorists' Association to show selected characteristics of Australia's energy security.







COULD AUSTRALIA'S TANKS RUN DRY?

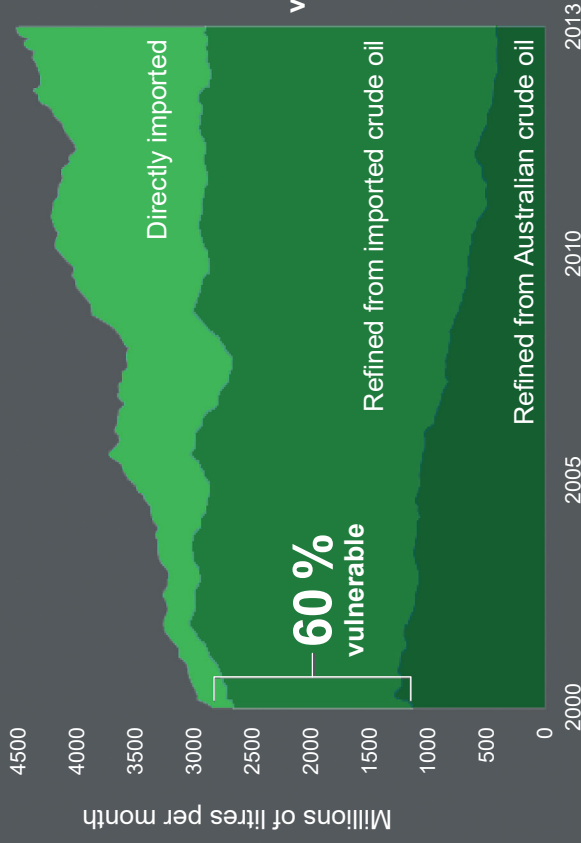
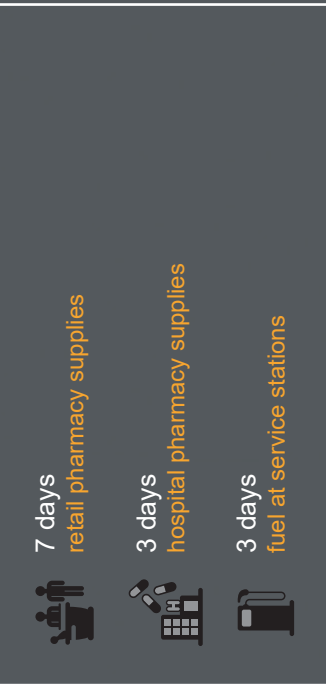
As the world's ninth-largest energy producer, Australia has abundant renewable and non-renewable energy resources. Despite these resources, we are heavily dependent on imports of refined petroleum products and crude oil to meet our liquid fuel demand, and our import dependency has increased over recent years. Any major interruption to the supply chain would significantly impact our way of life.





OUR FUEL SUPPLY COULD RUN OUT IN WEEKS

-  2 weeks stocks at sea
-  5 days — 10 DAYS MAX. crude oil tanks at refineries
-  2 days refinery
-  10 days refinery stocks
-  3 days service station stocks
-  3 days motorist stocks



Declining local supplies and increasing imports of fuel products

Key:

-  Refineries
-  Closed refineries



NRMA is working with industry and community leaders calling for an effective plan to address fuel security vulnerabilities. Central to this is the development of non-oil based alternative fuels, electric cars and fast charging networks.

References:

1. Adapted from JonMcDonald, CC BY-SA 4.0 <https://creativecommons.org/licenses/by-sa/4.0>, via Wikimedia Commons.
4. Adapted from: Blackburn, J., *National Roads and Motorists' Association*, 2013. Could Australia's tanks run dry? Australia's liquid fuels security.