



HHWA CHONG INSTITUTION
JC2 Preliminary Examinations
Higher 1

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GEOGRAPHY

8812/01

Paper 1

31 August 2015

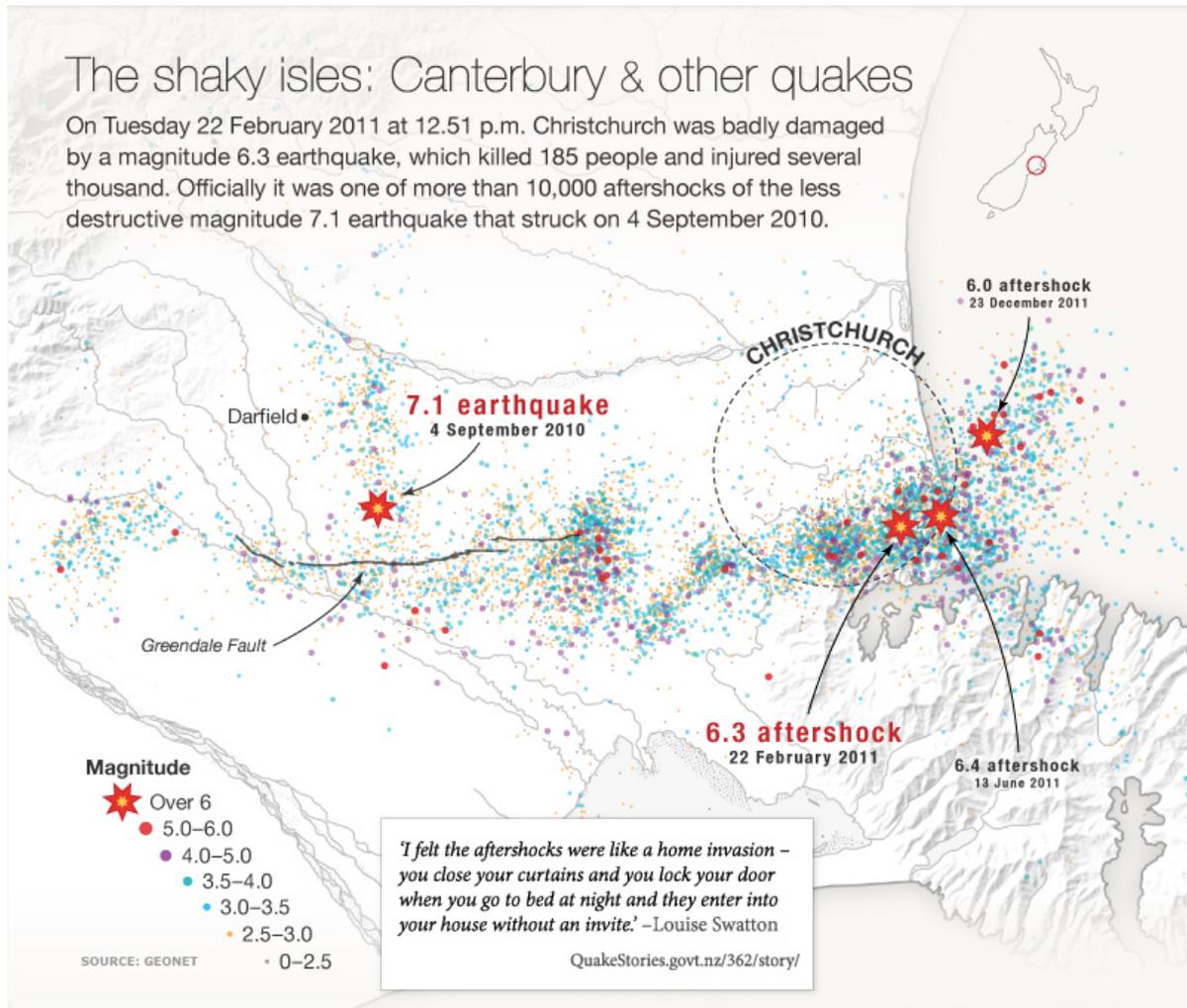
INSERT

3 hours

READ THESE INSTRUCTIONS FIRST

This Insert contains all the figures referred to in the questions.

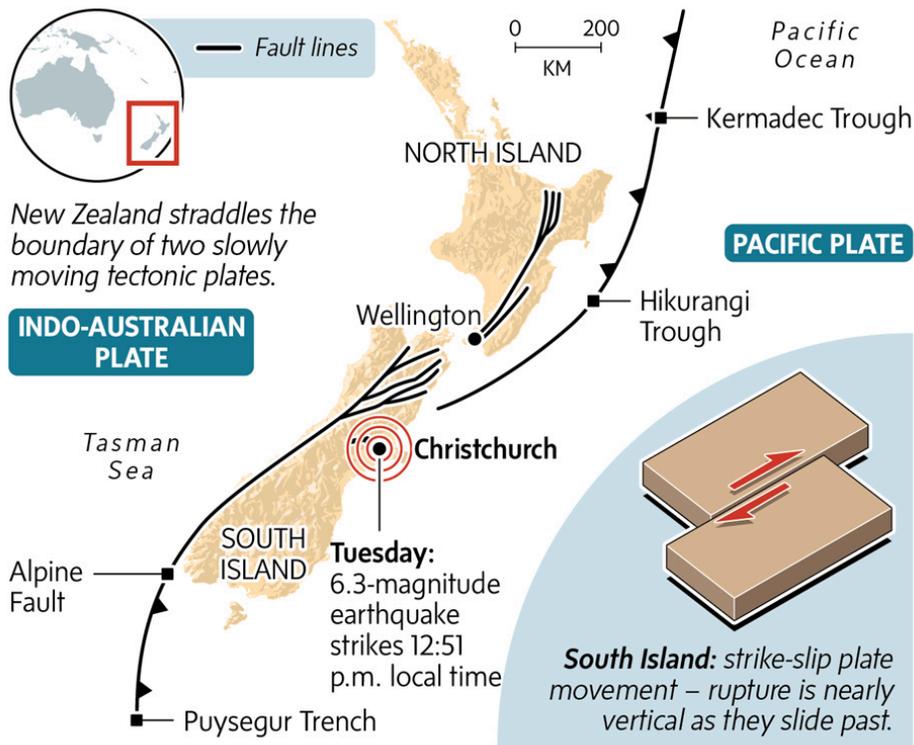
Fig. 1A for Question 1
The 2010-2011 earthquakes in New Zealand



Source : <http://www.mch.govt.nz/perspectives/earthquakes/>

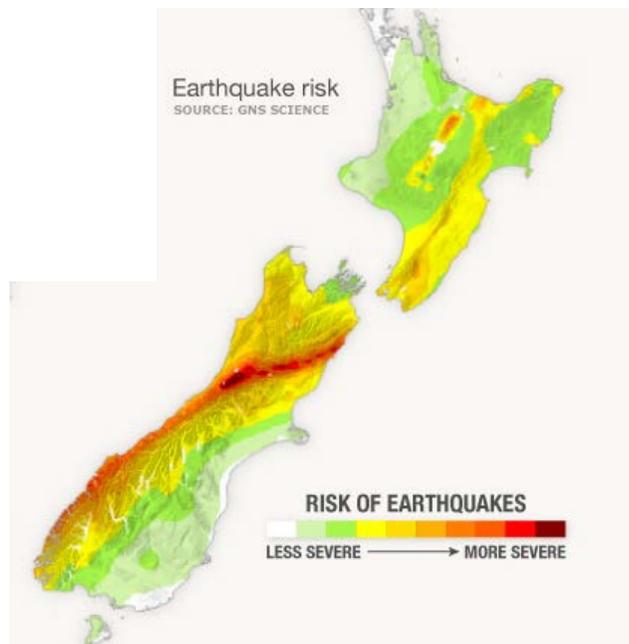
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Fig. 1B for Question 1
Plate boundary in New Zealand and location of Christchurch



THE GLOBE AND MAIL/GRAPHIC NEWS » SOURCE: GNS SCIENCE

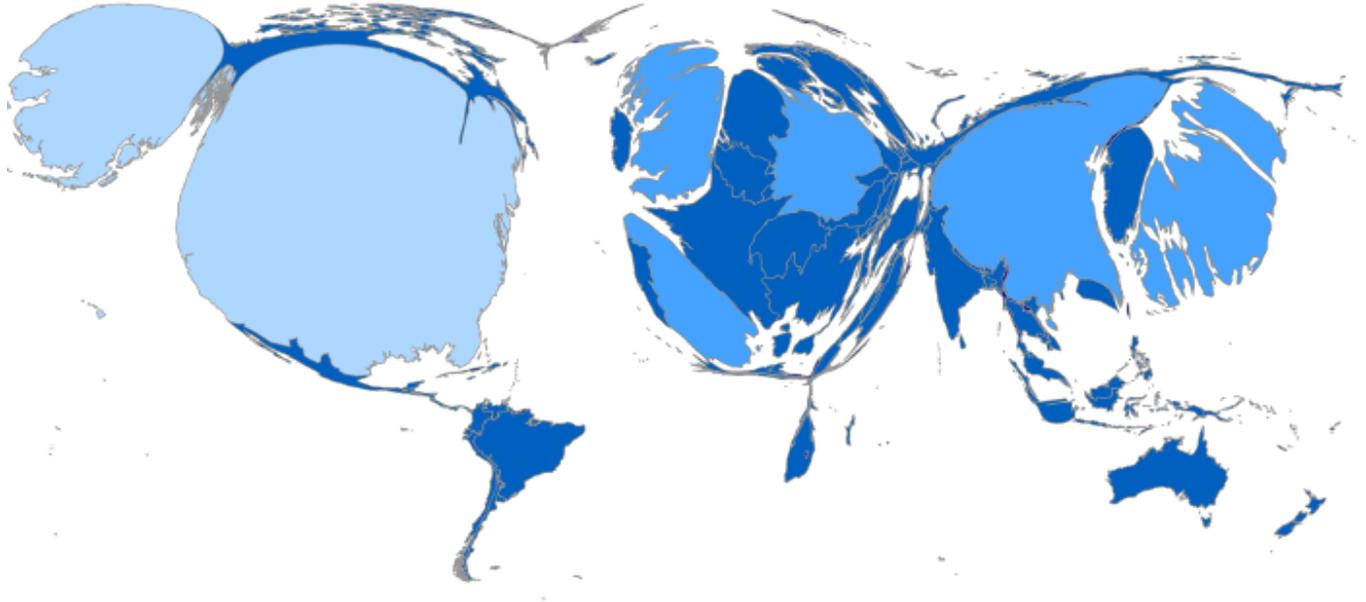
Fig. 1C for Question 1
Maps showing earthquake risk in New Zealand



Source : <http://www.mch.govt.nz/perspectives/earthquakes/>

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Fig. 2 for Question 2
Size of financial systems in the world in 2010



Source: Calculations based on the Global Financial Development Database.

Note: The map is for illustration purposes only. Sizes of the various jurisdictions are adjusted to reflect the volume their financial sector assets, in US dollars at the end of 2010. Data such as private credit and GDP are used to generate the map.

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Fig. 3A for Question 3 EITHER
Relationship between channel slope and bankfull discharge

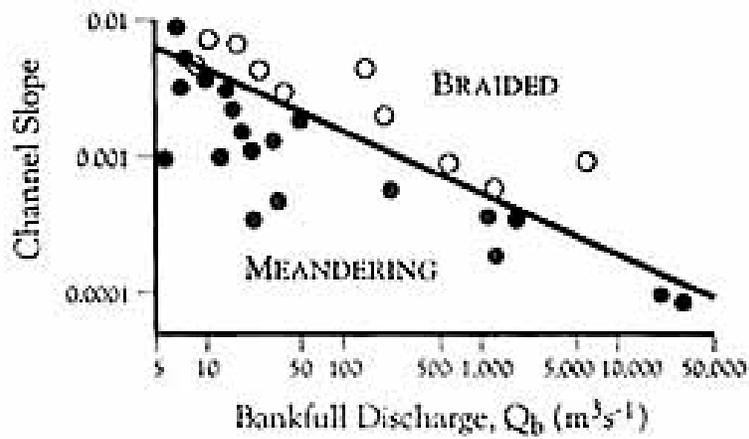
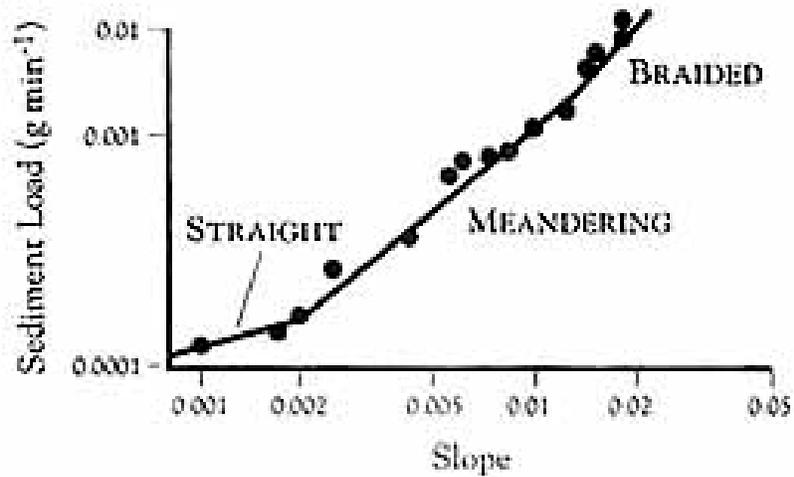
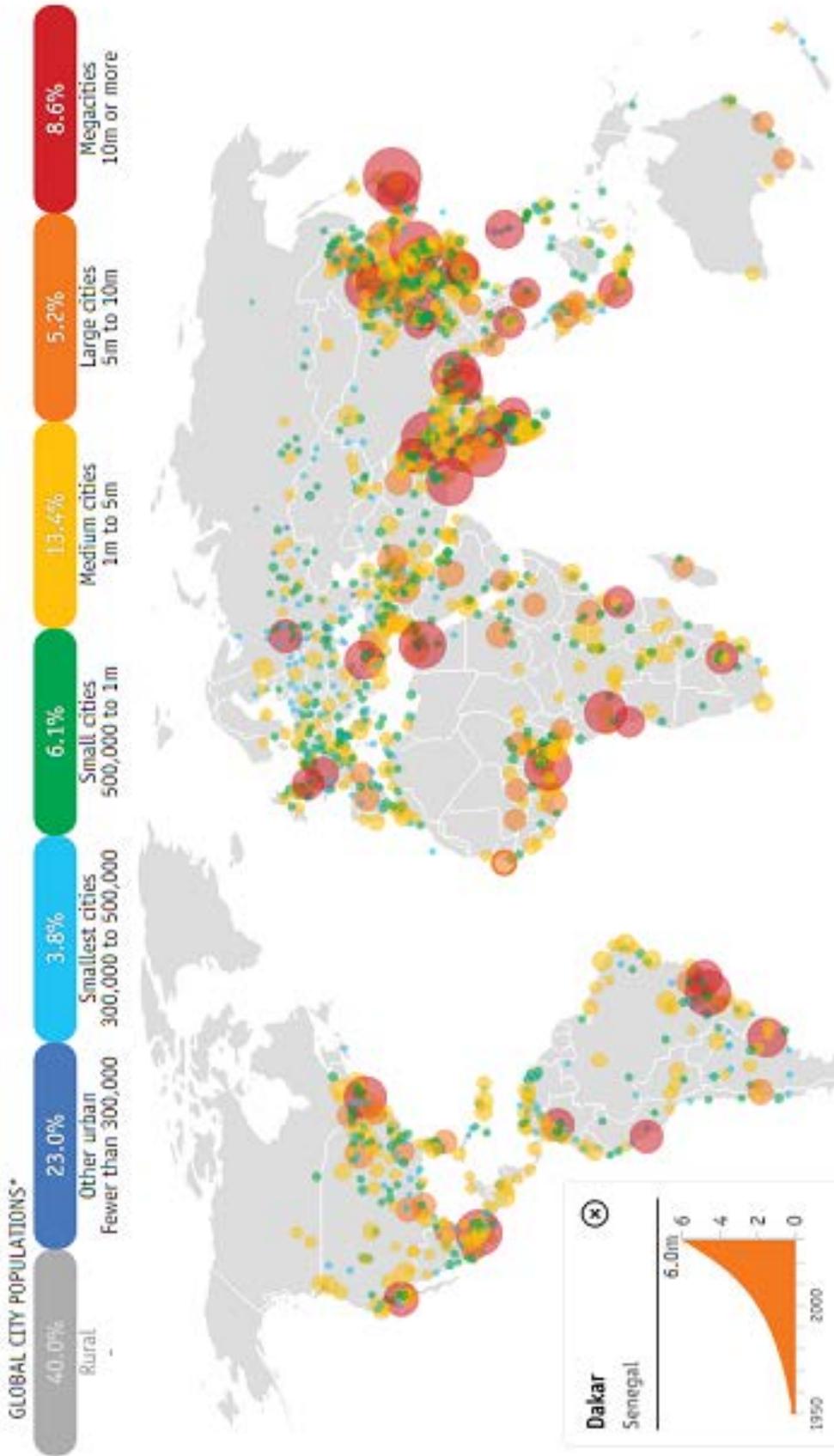


Fig 3B for Question 3 EITHER
Relationship between sediment load and slope



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Fig. 4 for Question 3 OR
Distribution of cities in 2015



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**Fig. 5 for Question 4 EITHER
Heavily silted river in Sabah, East Malaysia**

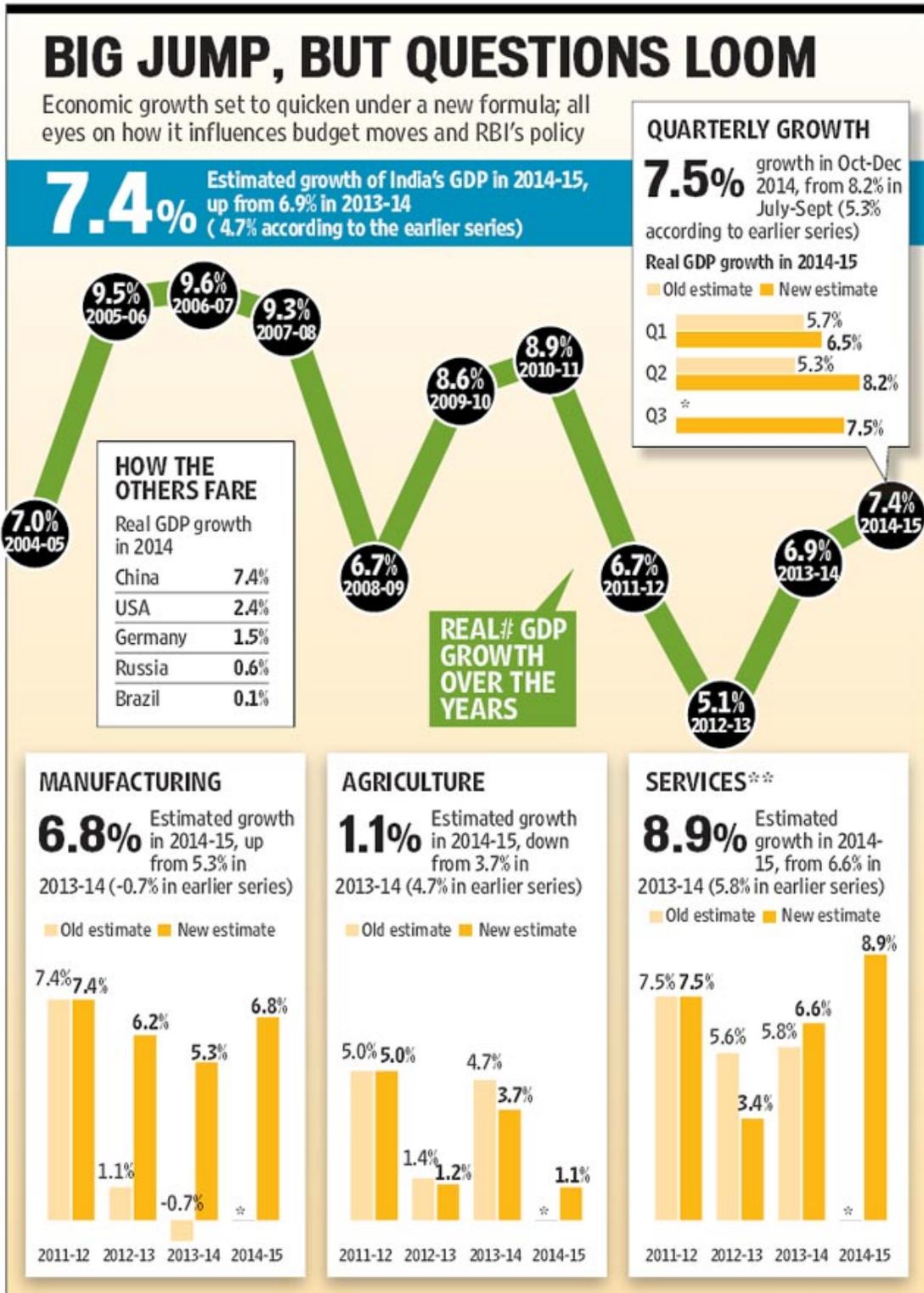
Sabah river chokes on mudflow



Workers clearing the silt after heavy mudflow into a water intake point in Sabah's Sungai Liwagu forced it to shut down. Heavy mudflows from Mount Kinabalu continue to torment villagers, two months after an earthquake that killed 18 people on 5th June 2015. The mudflows, responsible for flash floods and mudslides, are also choking rivers in the Malaysian state.

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Fig. 6 for Question 4 OR
Economic growth in India



Source : <http://www.hindustantimes.com/business-news/gdp-expected-to-grow-7-4-in-2014-15-based-on-new-formula/article1-1315159.aspx>