



Australian Government
Department of Agriculture
and Water Resources
ABARES



National and international issues affecting Victoria

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Australian Bureau of Agricultural
and Resource Economics and Sciences

26 July 2017



Australian Bureau of Agricultural & Resource Economics and Sciences (ABARES)



Statistics



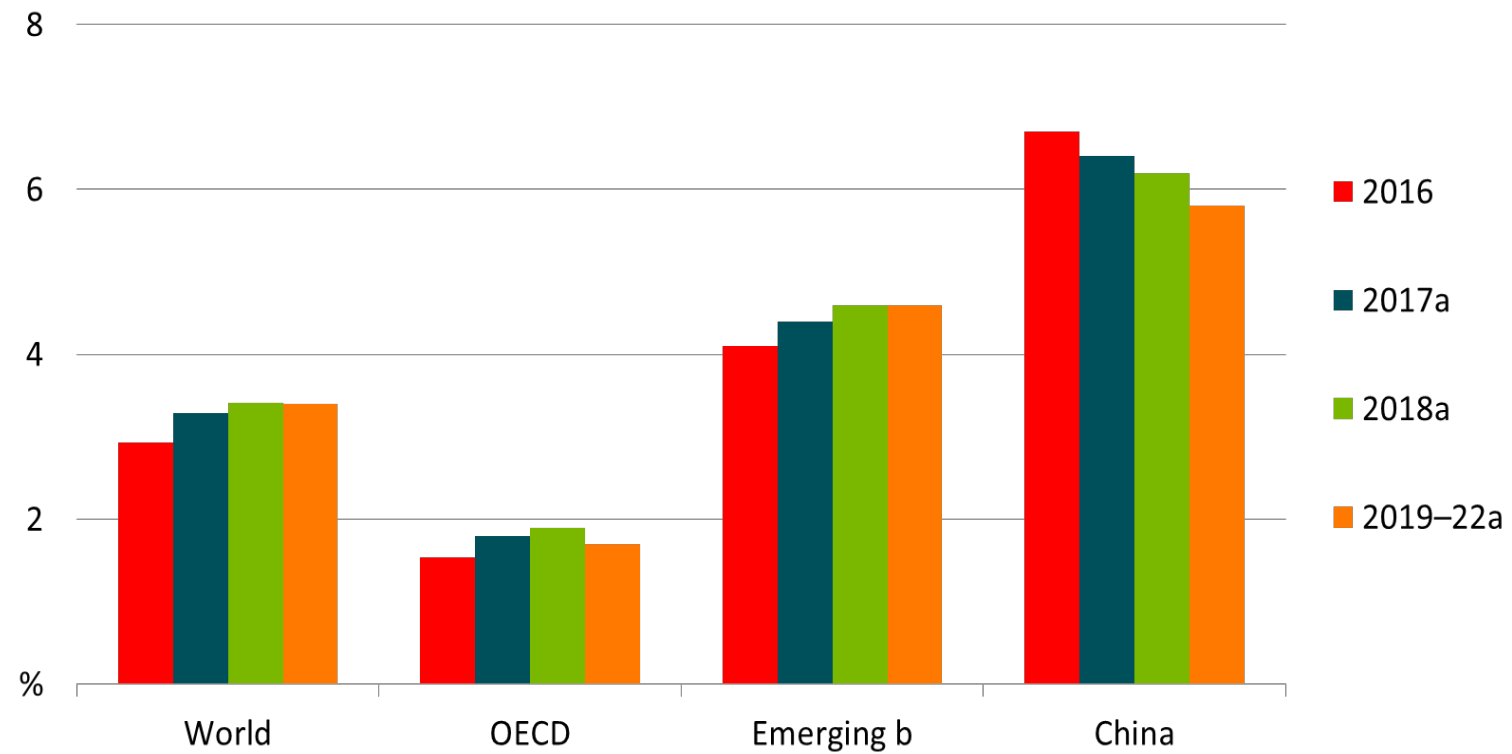
Forecasting



Analysis

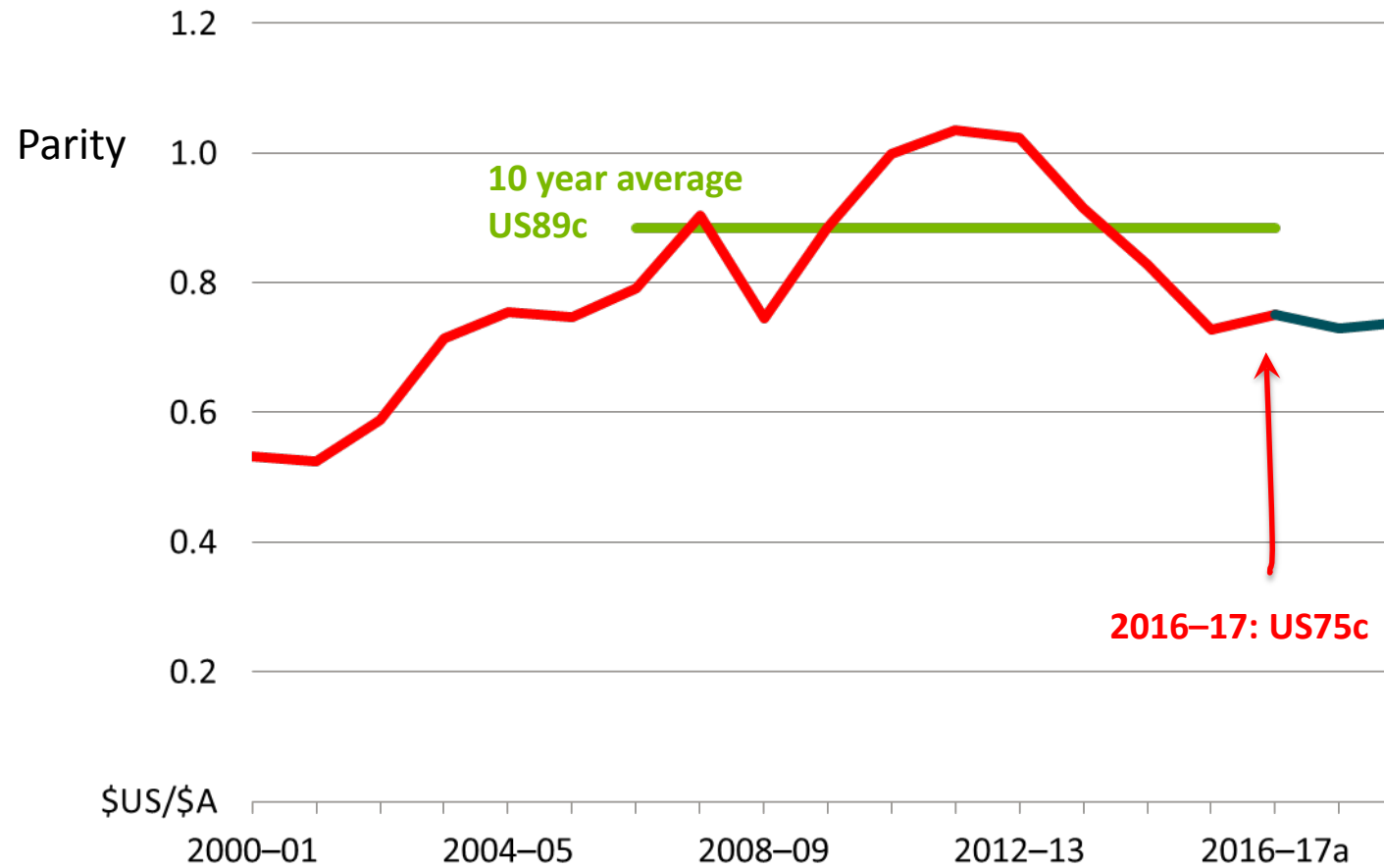


World economic growth



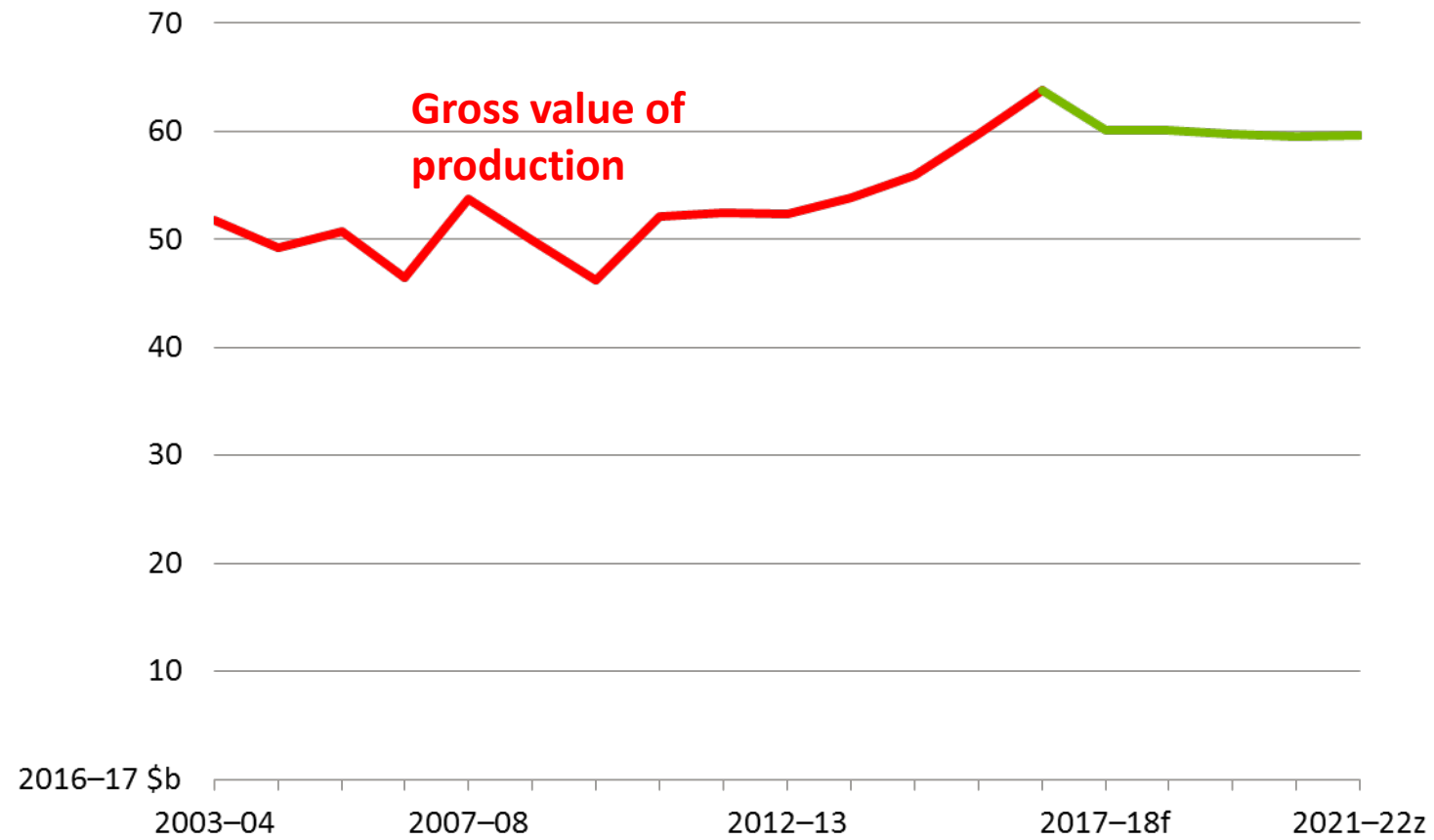
a ABARES assumption. **b** includes China.

Australian dollar has fallen and is assumed to stay relatively low



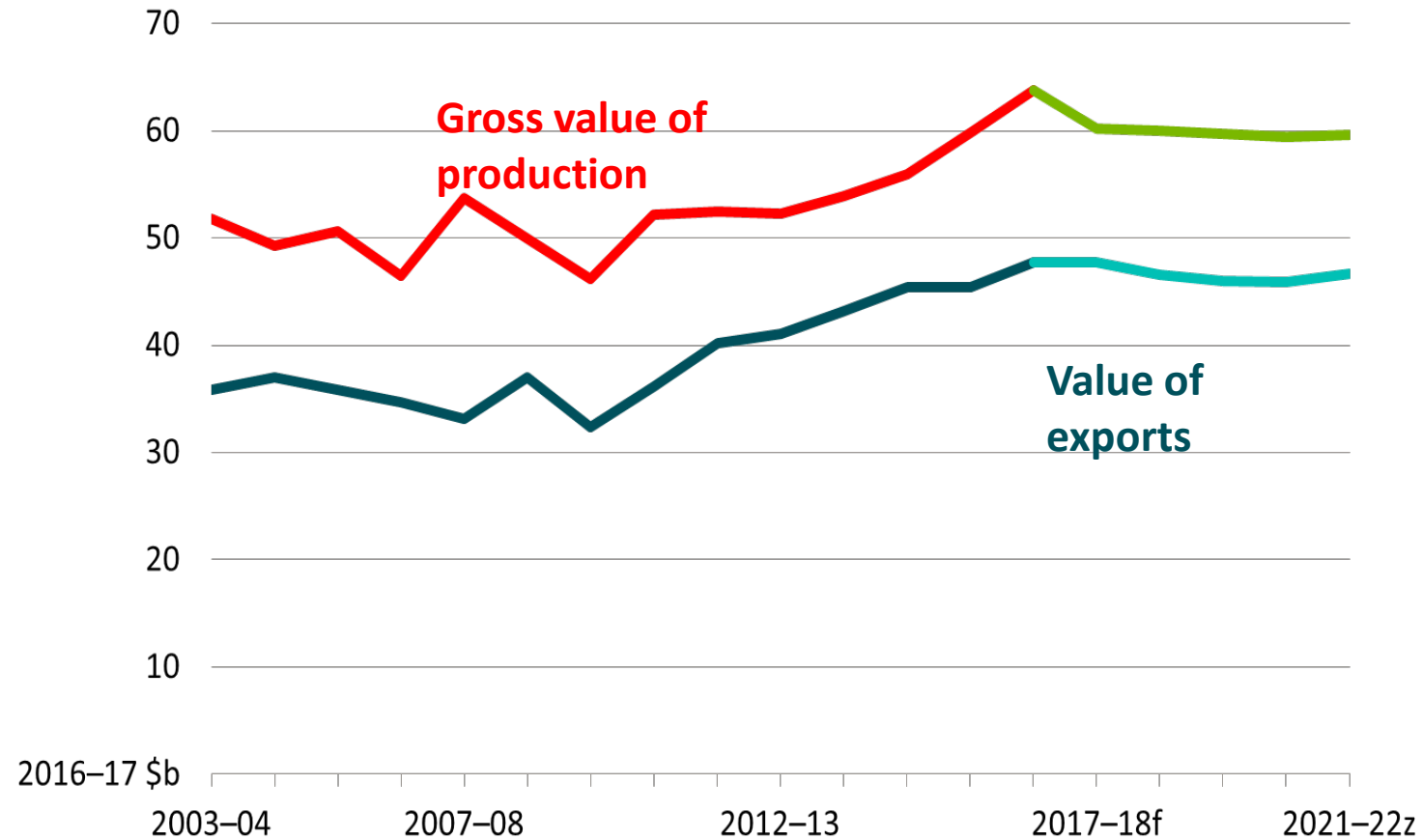
a ABARES assumption.

Value of agricultural production and exports



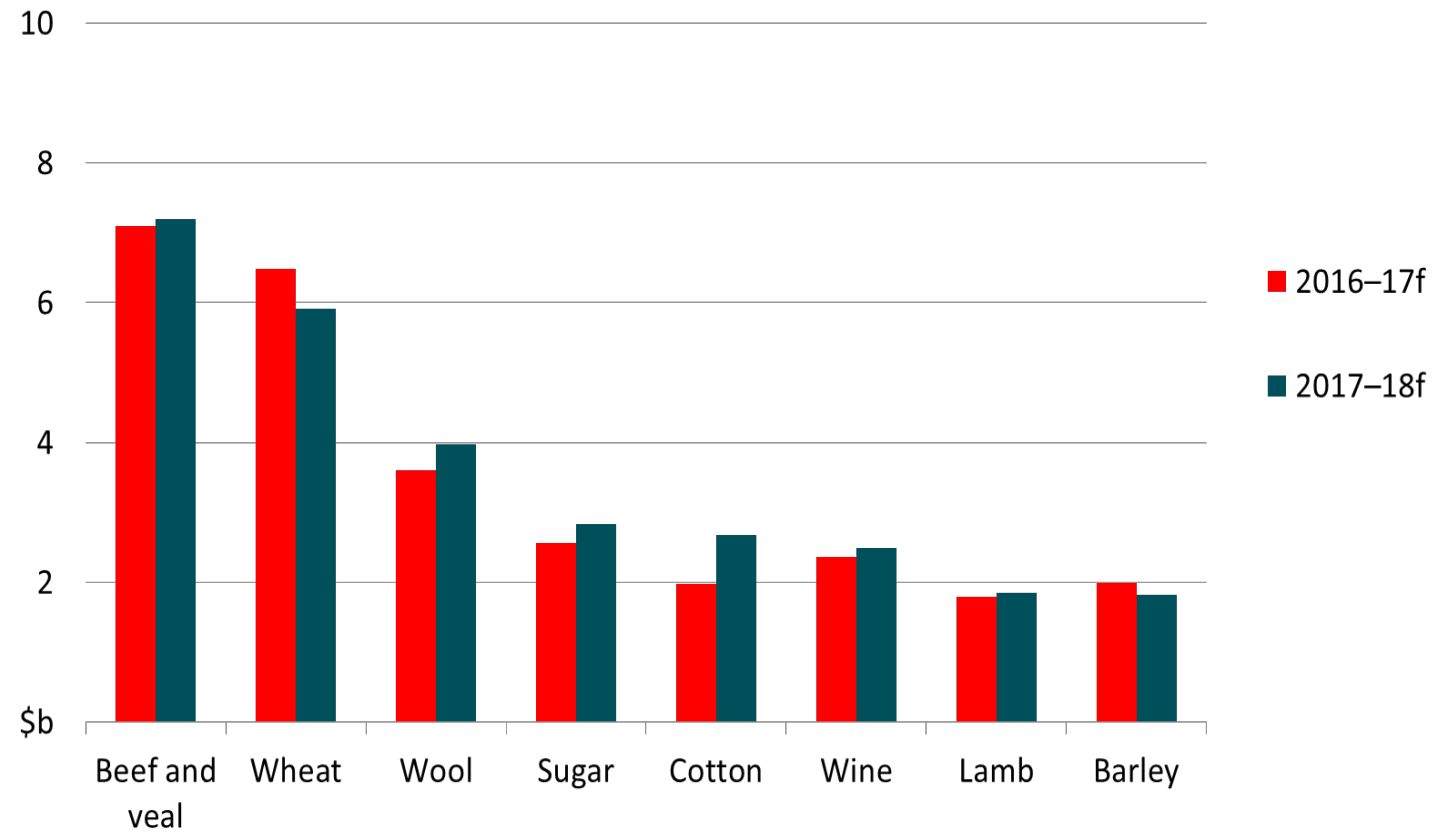
f ABARES forecast. z ABARES projection.

Value of agricultural production and exports



f ABARES forecast. z ABARES projection.

Major Australian agricultural exports



f ABARES forecast.

Long term trends shaping Australian agriculture

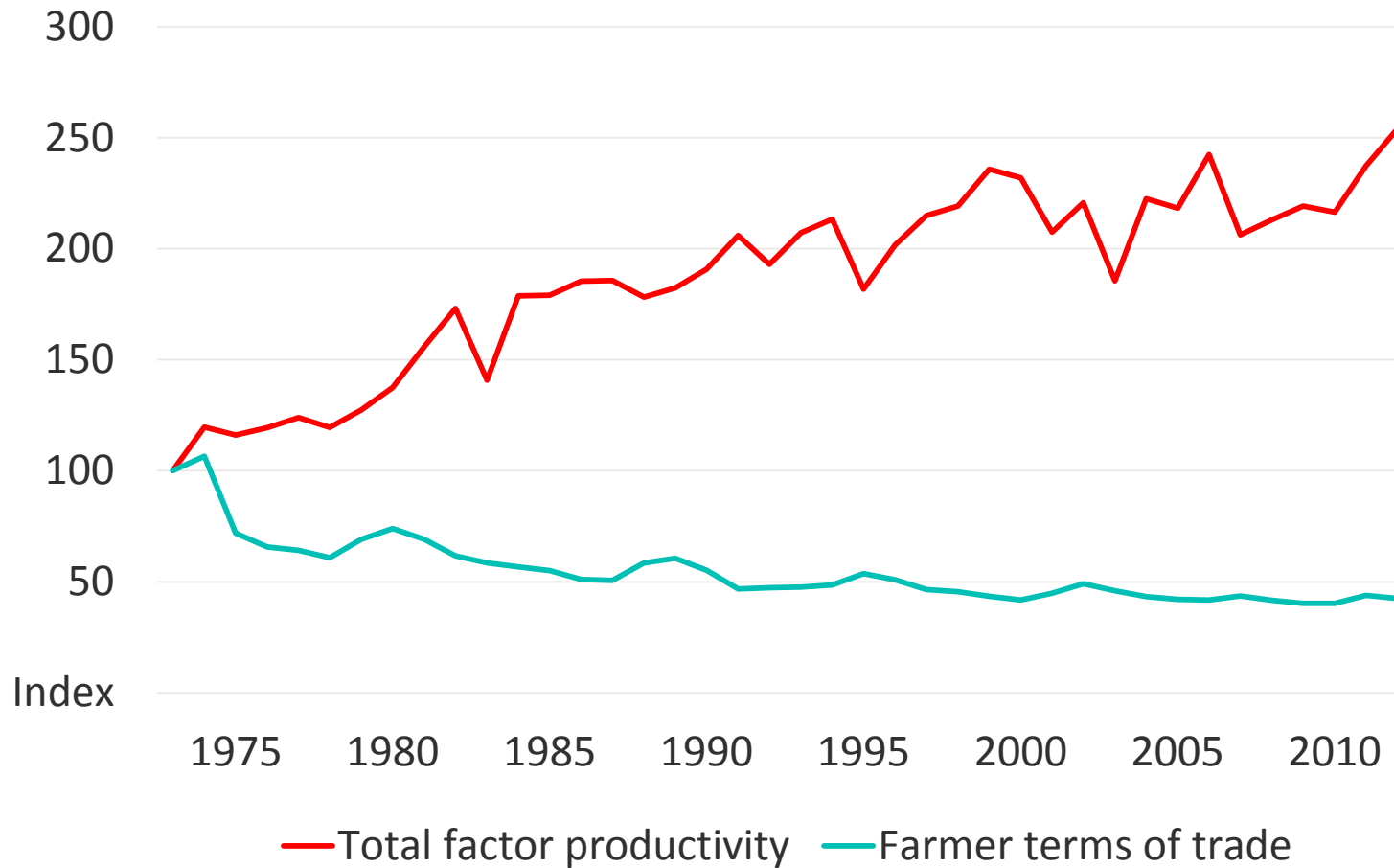


- Markets for farm inputs and outputs
- Technology development and uptake
- Structural change
- Society's expectations of farmers
- Climate change

Maintaining competitiveness is key

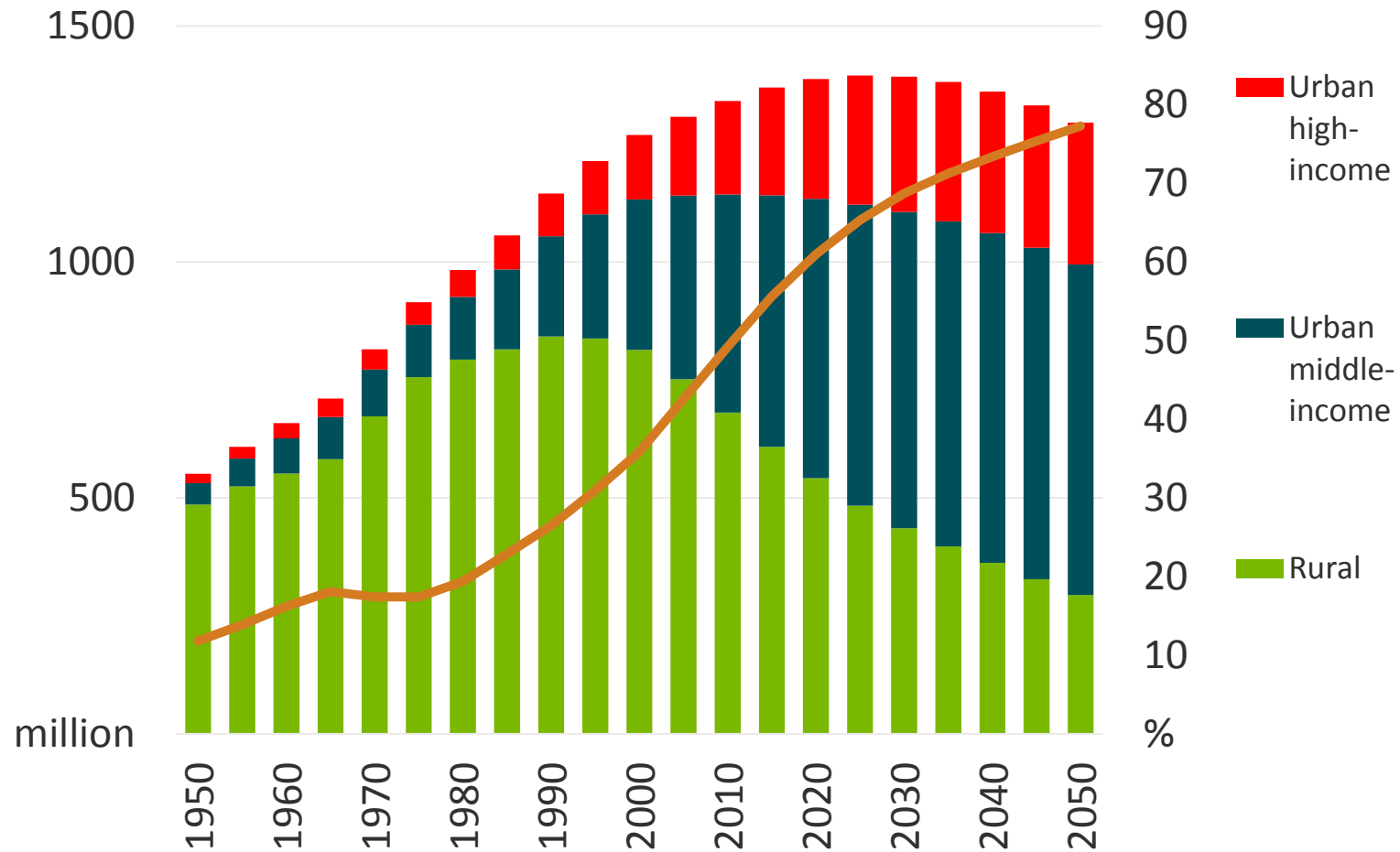


Total factor productivity and farmer terms of trade 1975 to 2012



Markets for farm inputs and outputs

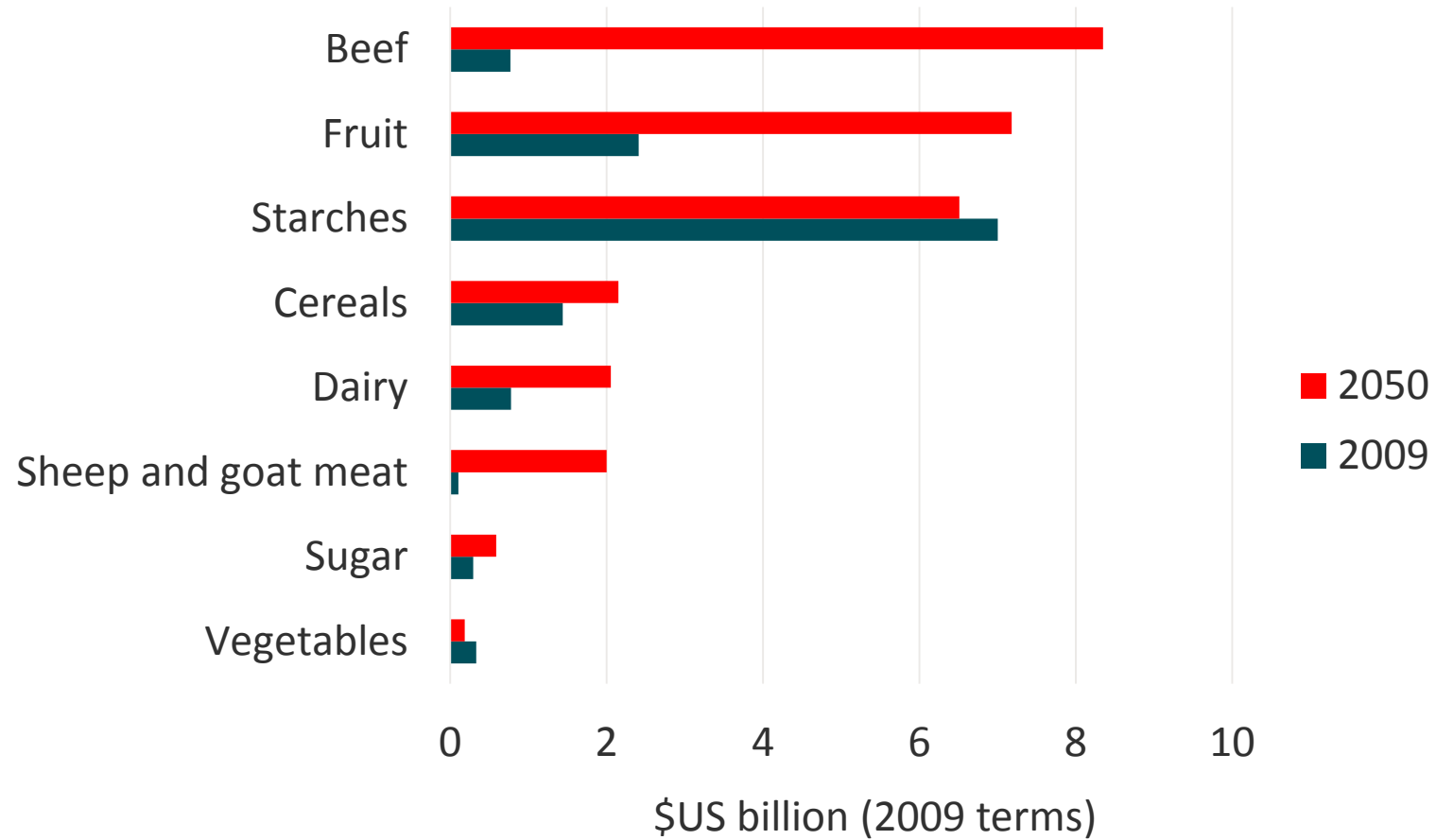
Urban population in China to grow strongly



Markets for farm inputs and outputs

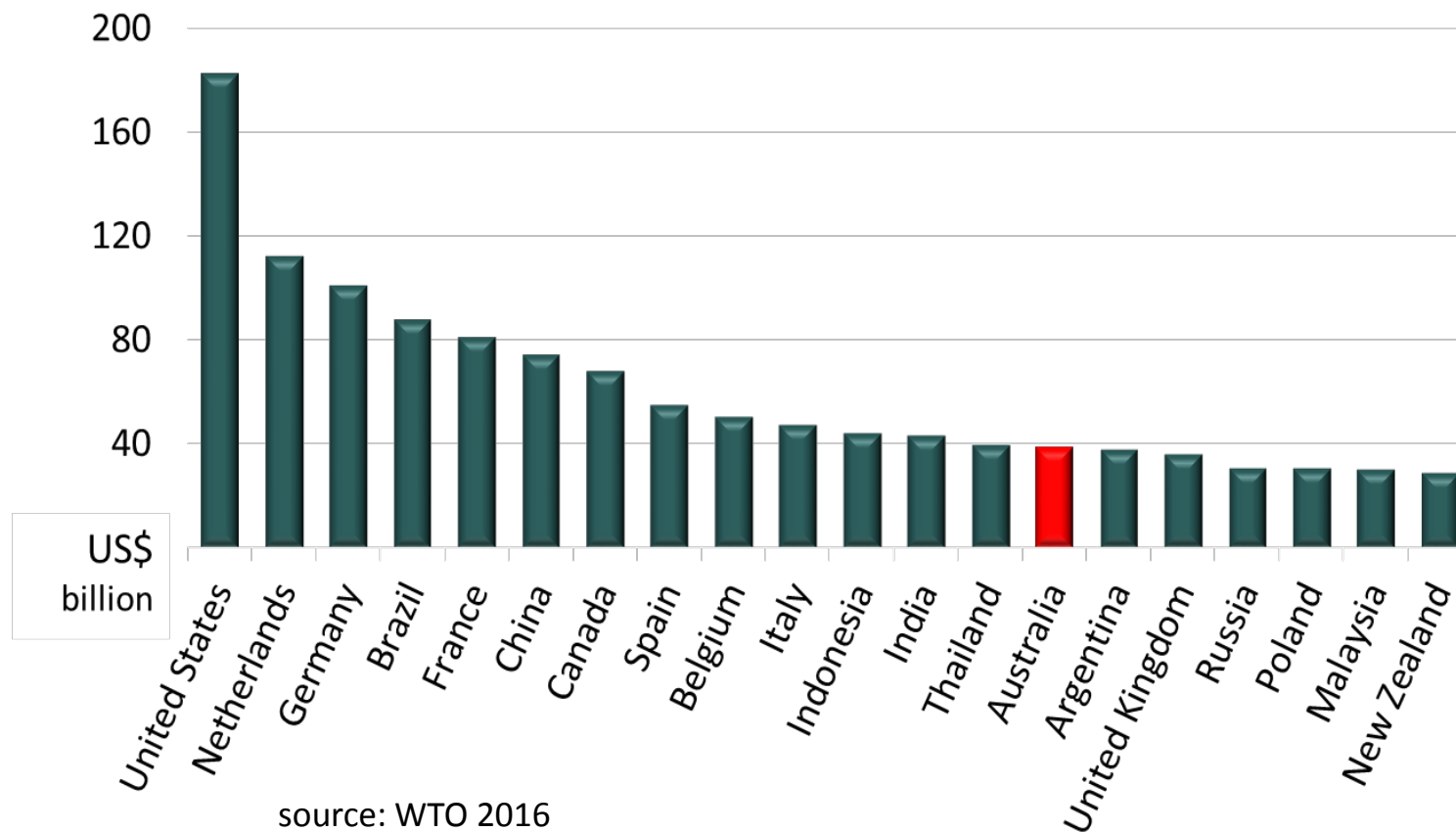


China food imports – 2009 and 2050



Markets for farm inputs and outputs

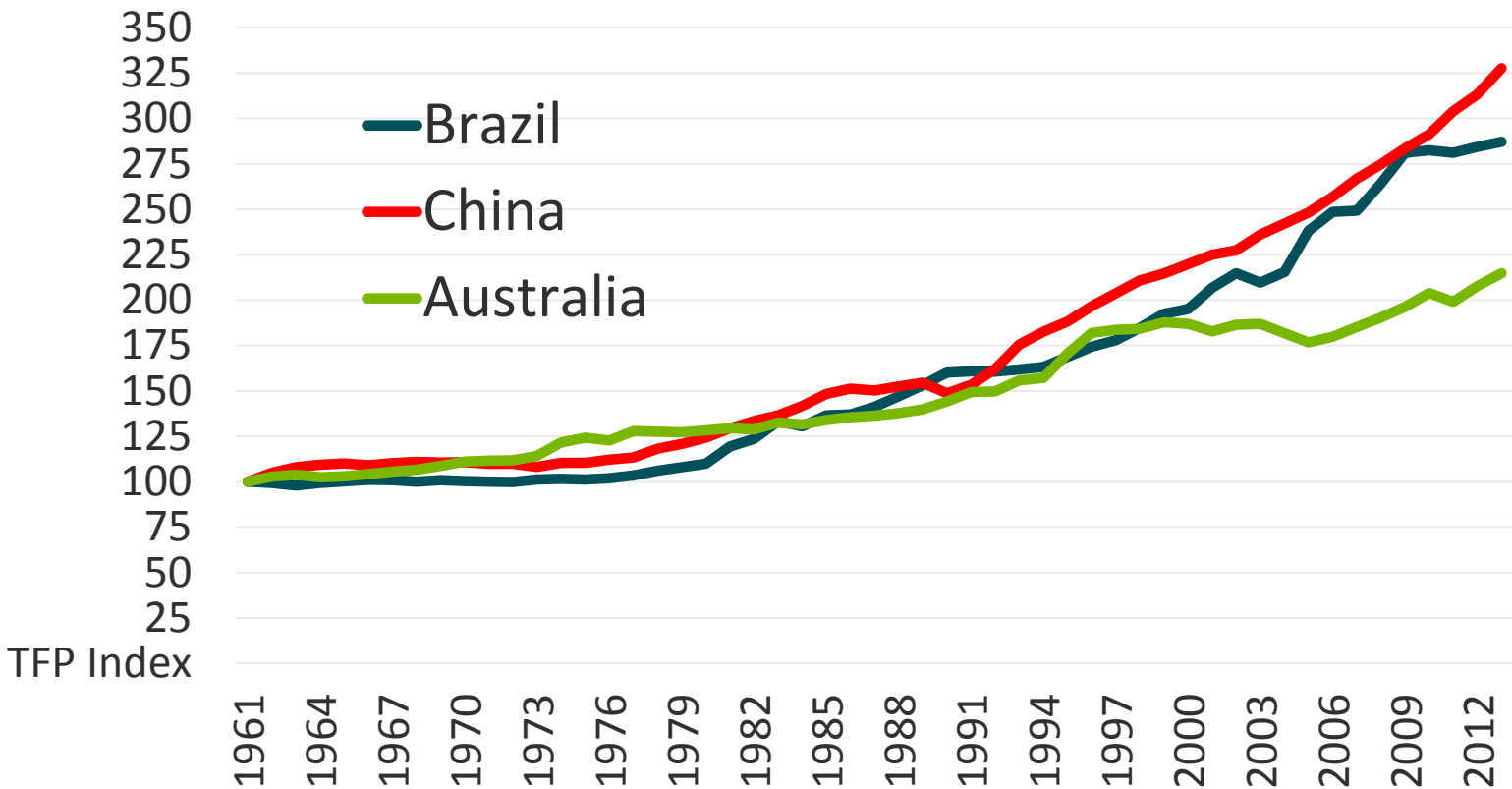
Value of agricultural exports, 2014



Technology development and uptake



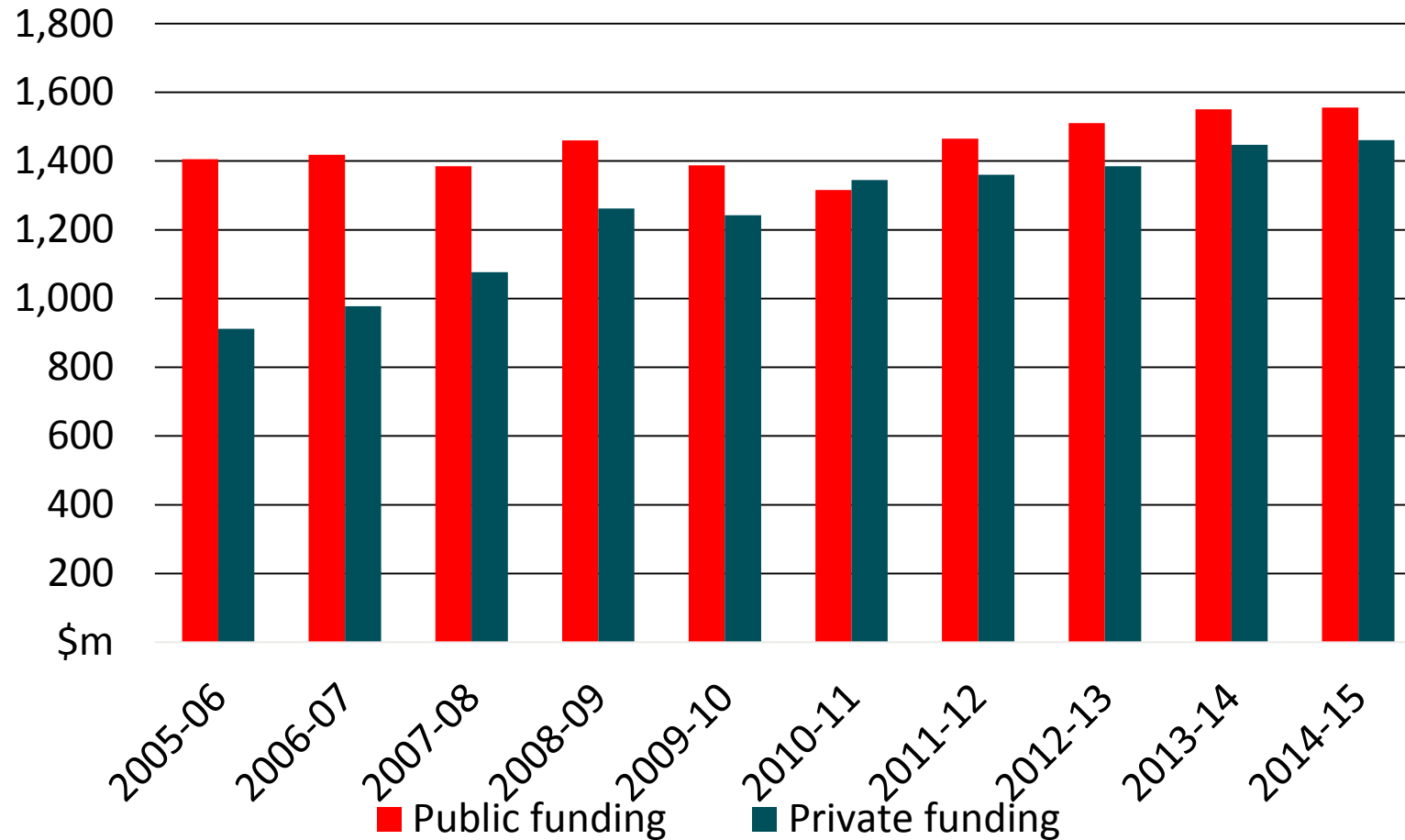
Agricultural productivity index comparison



Technology development and uptake



Value of Australian rural R&D funding

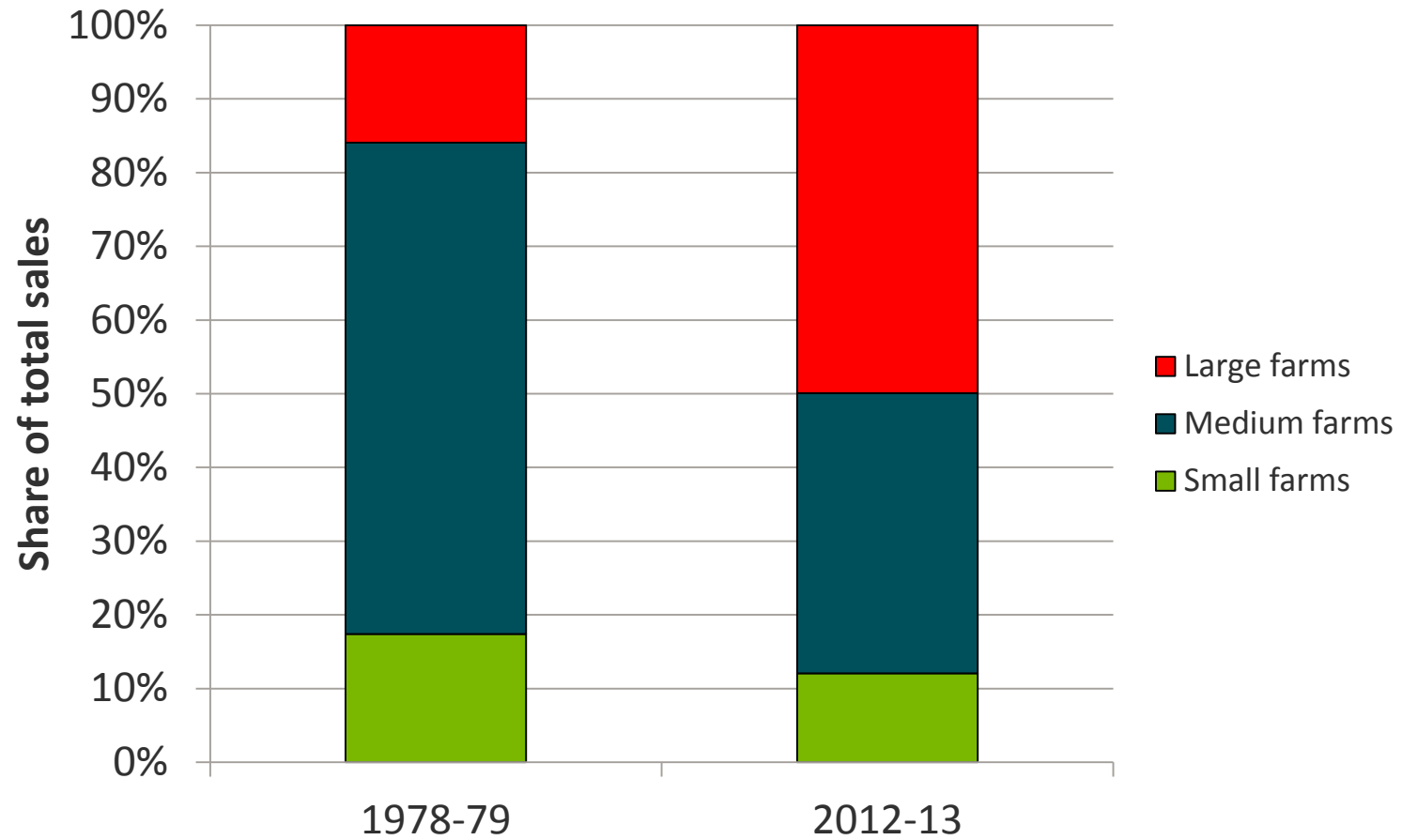


Includes agriculture, forestry and fisheries, related inputs and downstream processing

Structural change



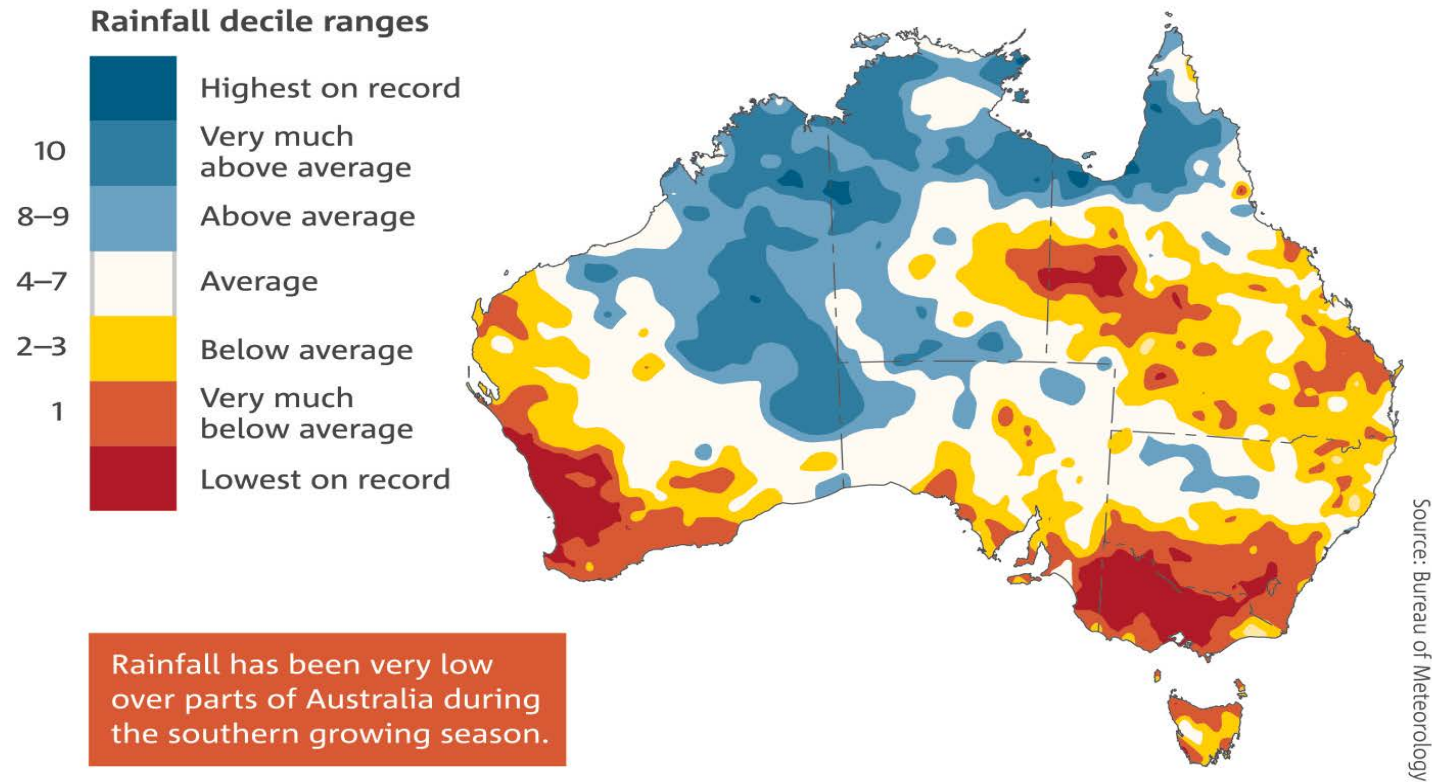
Output share by farm size 1979 and 2013



Society's expectations of farmers

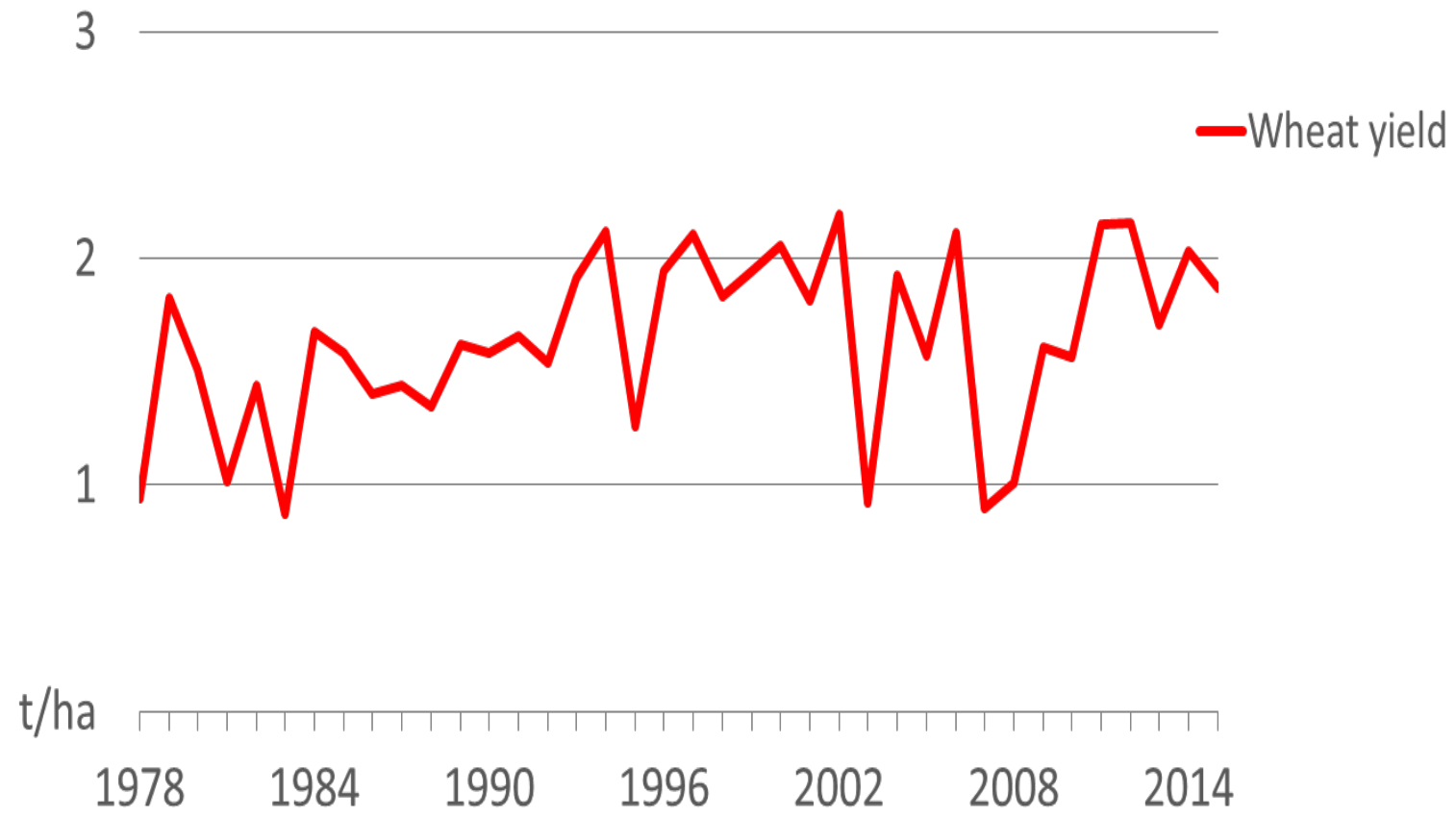


Adaptation to climate change

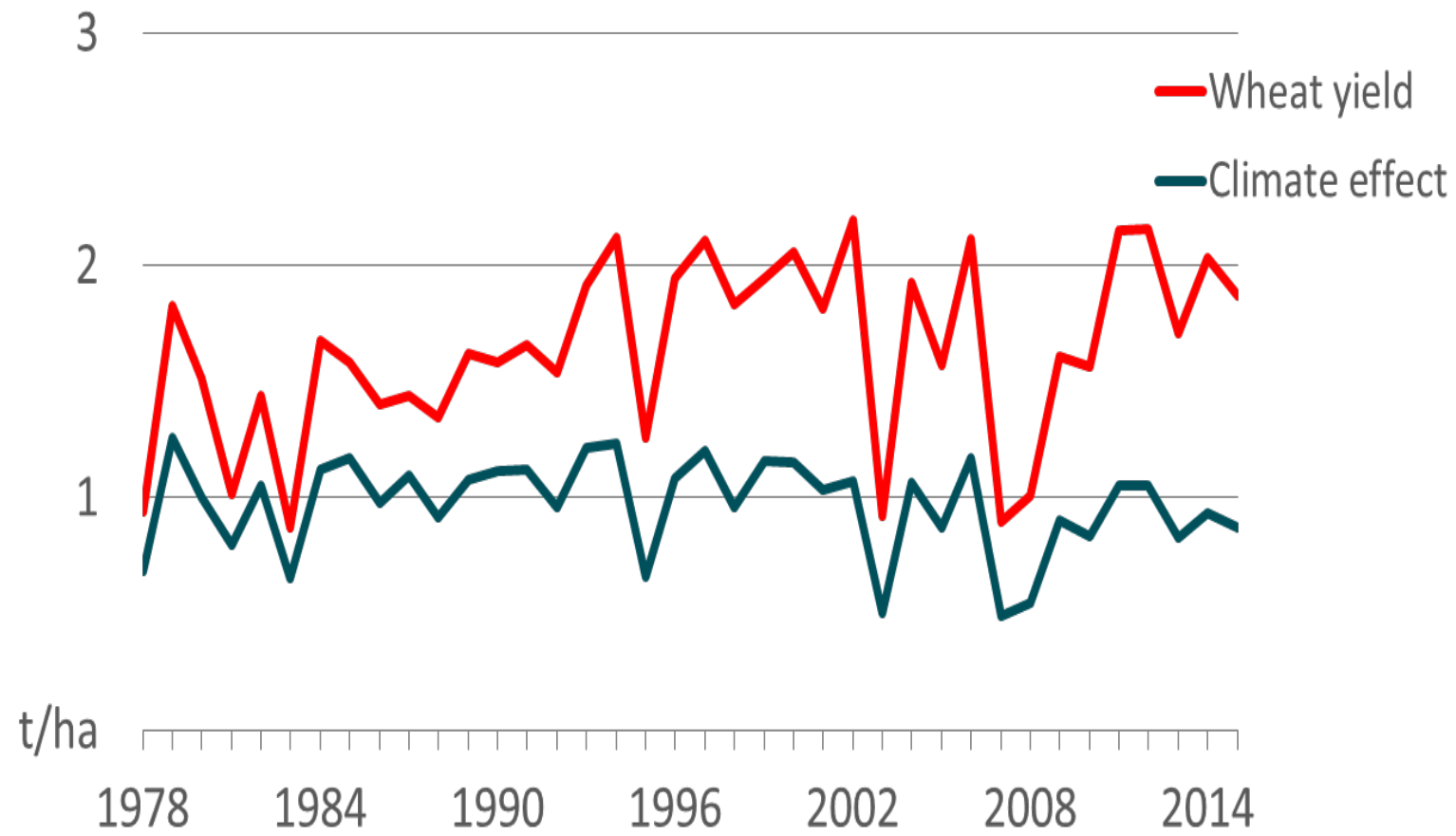


Southern growing season (April–October) rainfall deciles for the last 20 years (1996–2015). A decile map shows where rainfall is above average, average or below average for the recent period, in comparison with the entire rainfall record from 1900.

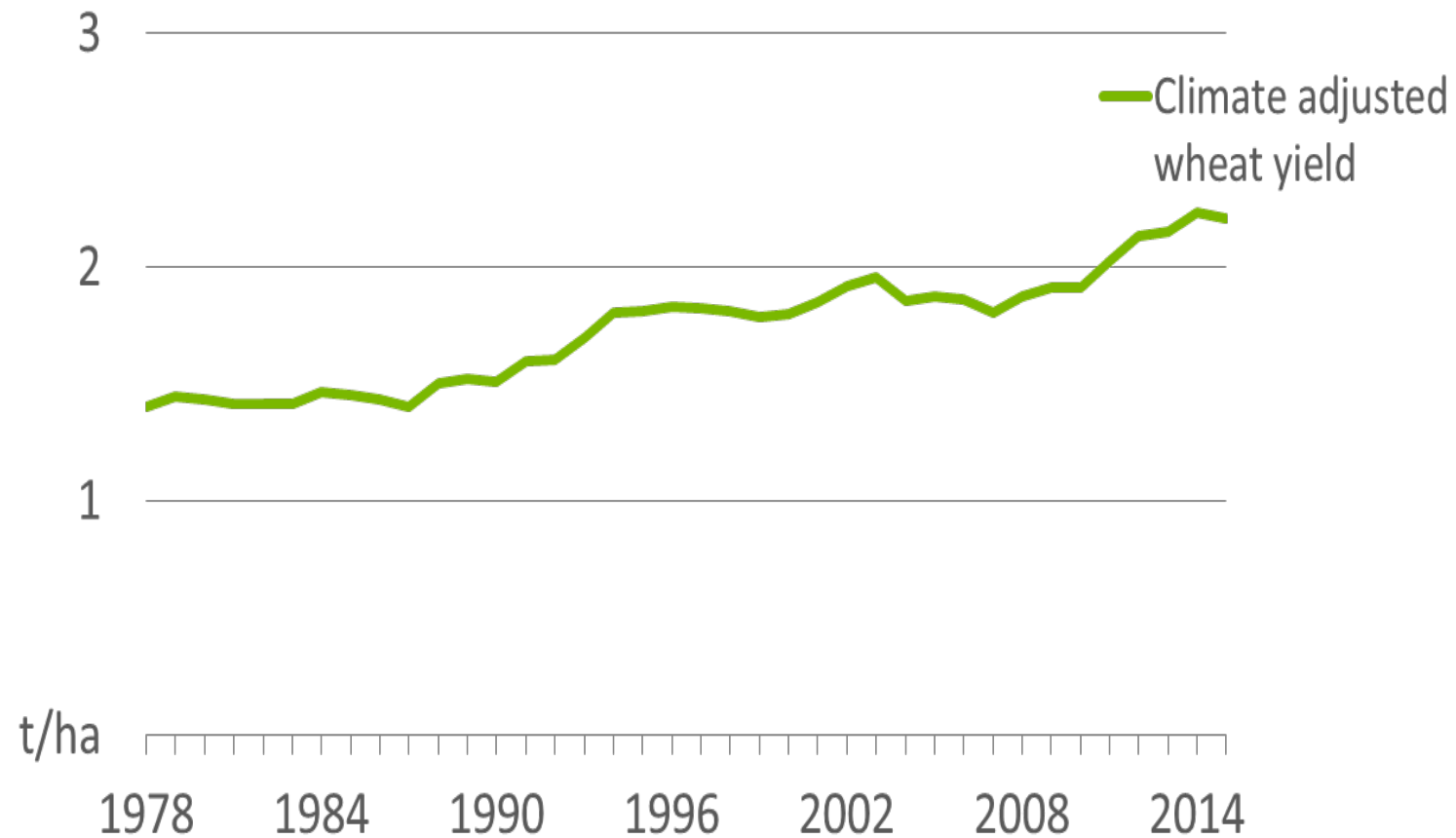
Effect of climate on productivity growth



Effect of climate on productivity growth



Effect of climate on productivity growth





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