



Australian Government

Department of Agriculture, Fisheries and Forestry
ABARES



Farm Performance and Productivity

in the Broadacre and
Dairy Industries

Peter Gooday

**Australian Bureau of Agricultural
and Resource Economics and Sciences**

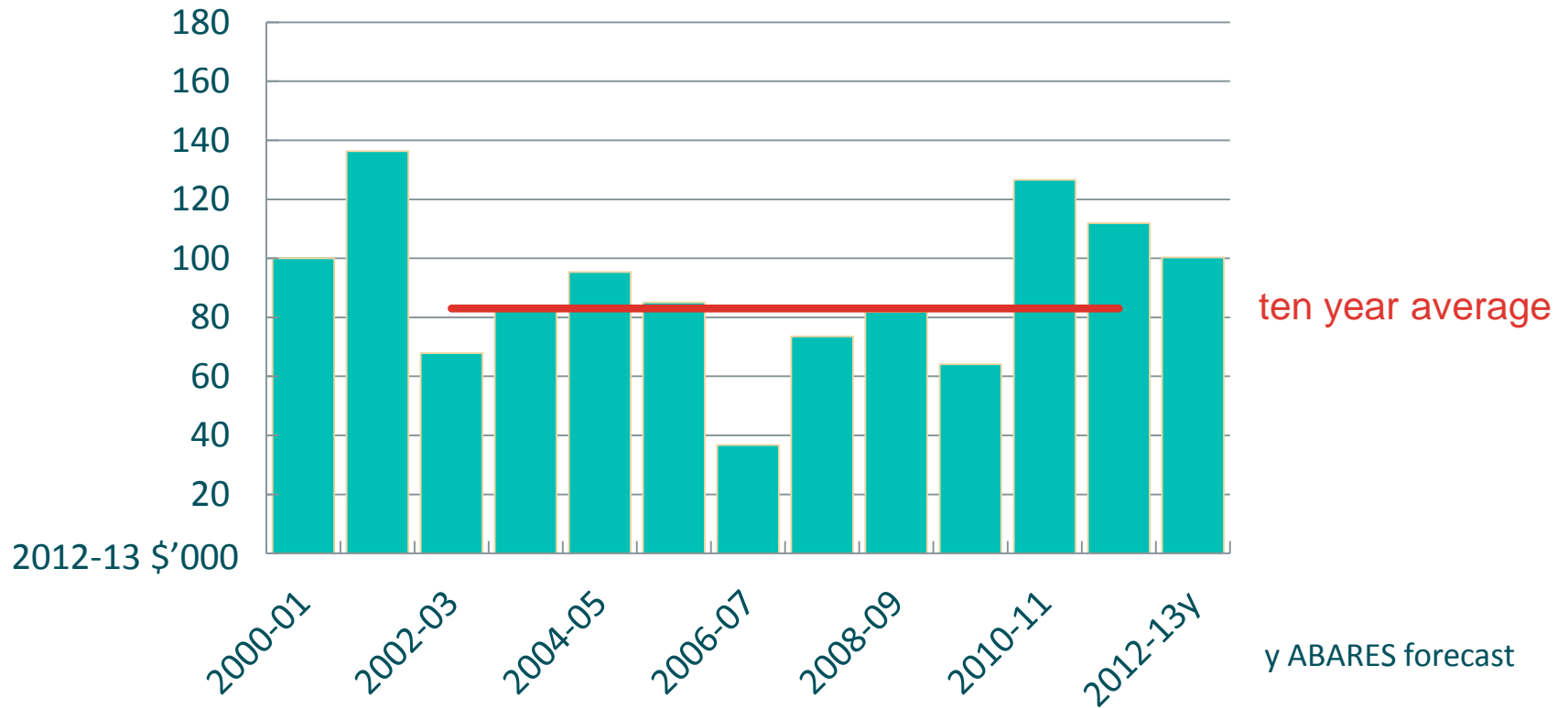
5 – 6 March 2013





Farm cash income – broadacre

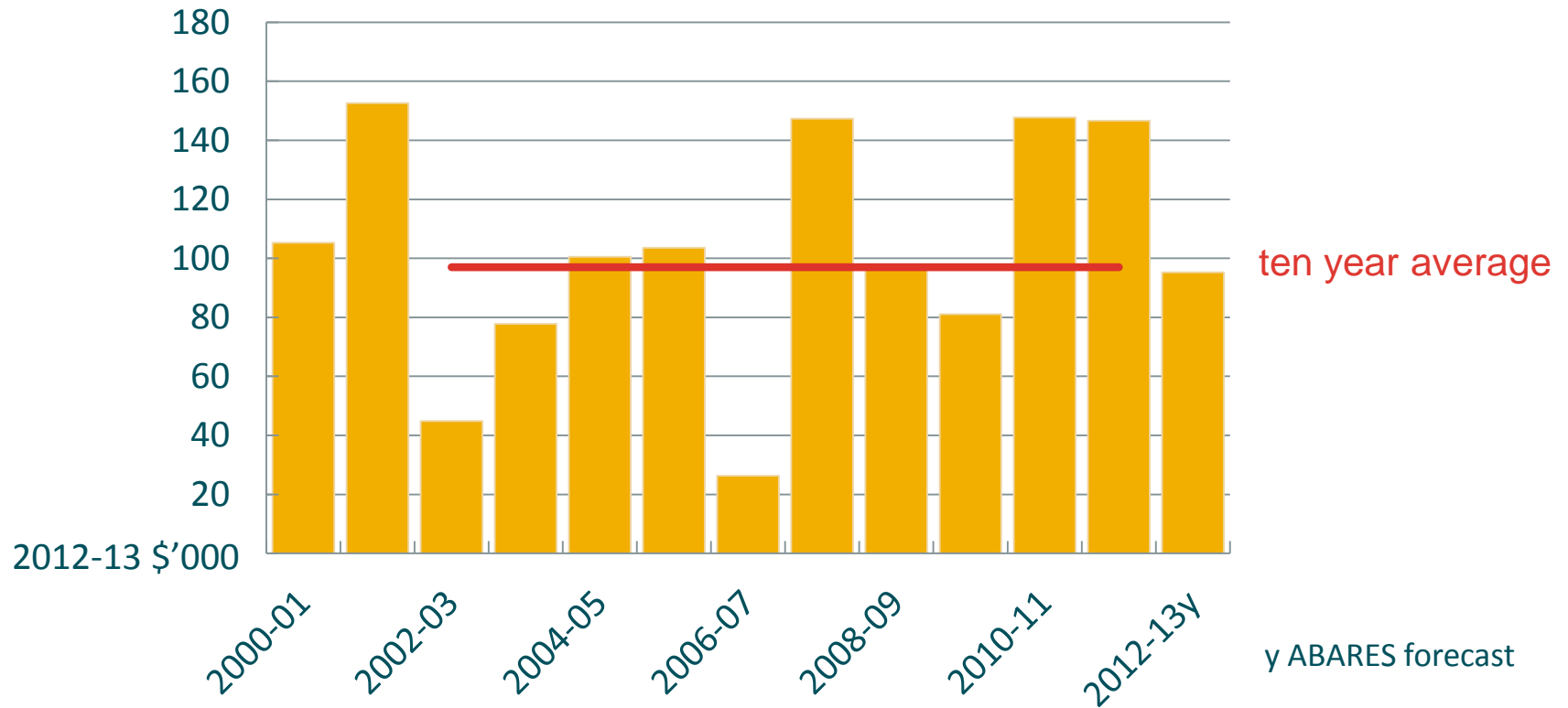
average per farm





Farm cash income – dairy

average per farm

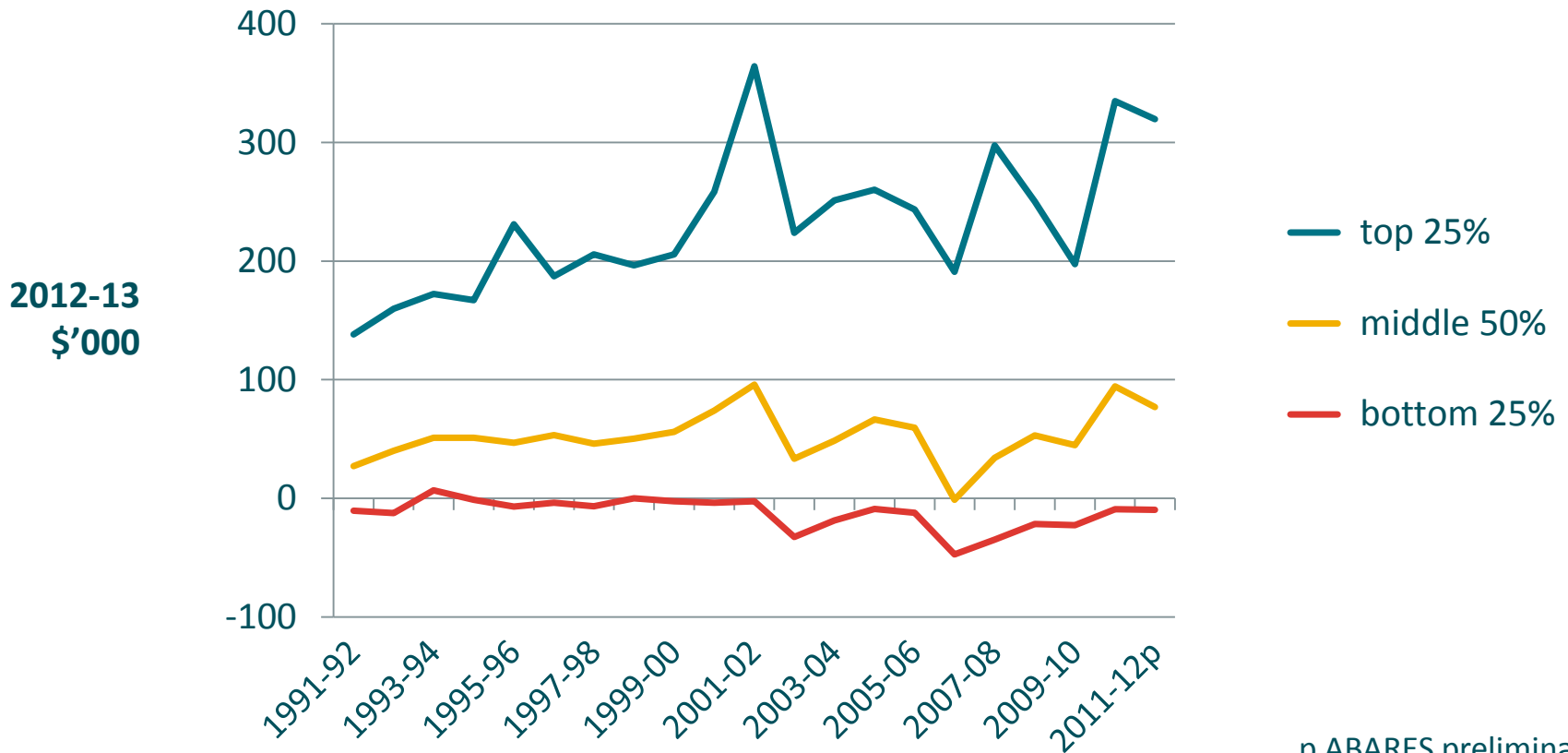




2013
OUTLOOK

Performance by category - broadacre

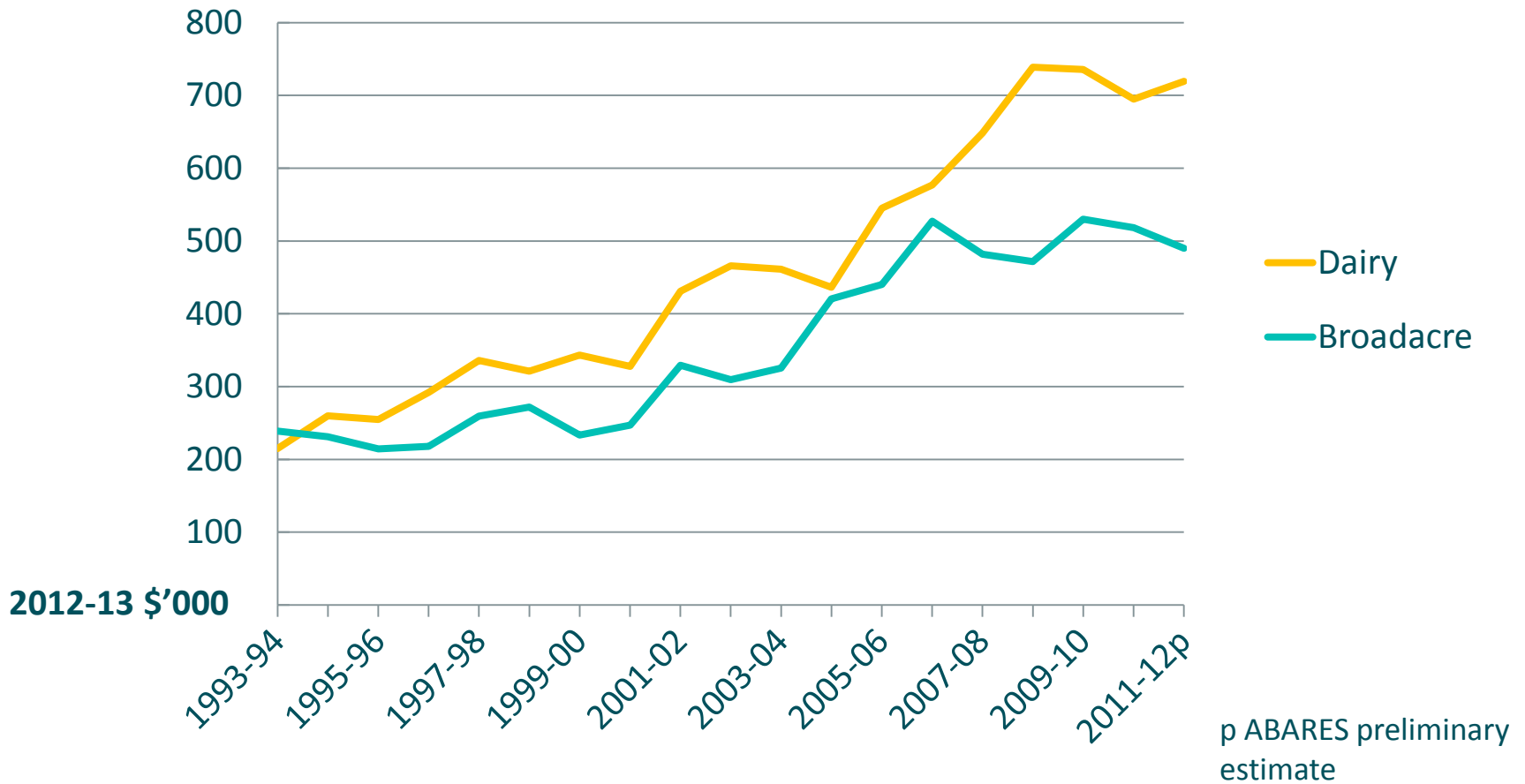
average farm cash income



p ABARES preliminary estimate

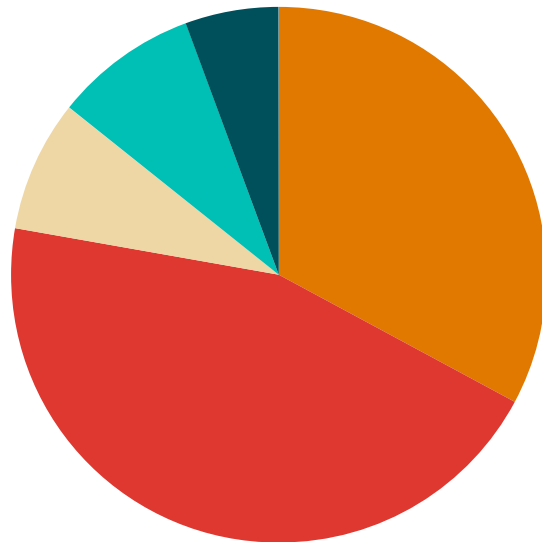
Farm debt

average per farm

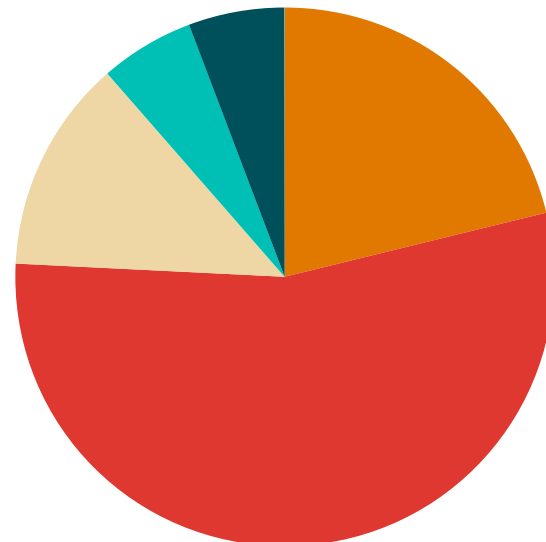


Purpose of borrowing

average farm debt (2000-01 to 2011-12p)



Broadacre



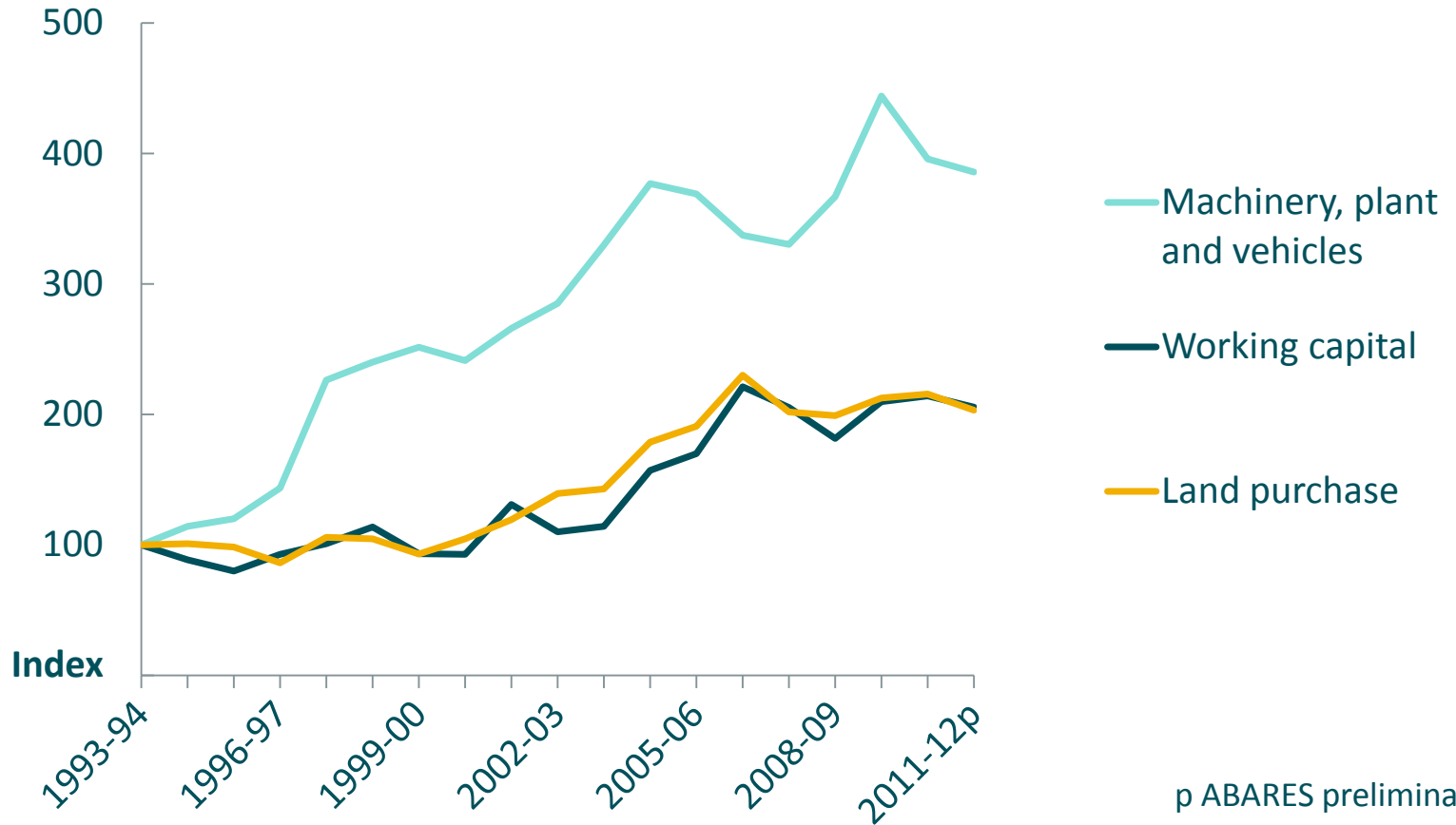
Dairy

- Working capital
- Reconstructed debt
- Other

- Land purchase
- Machinery, plant and vehicles

Change in broadacre borrowing

average per farm



p ABARES preliminary estimate

Change in dairy borrowing

average per farm



p ABARES preliminary estimate

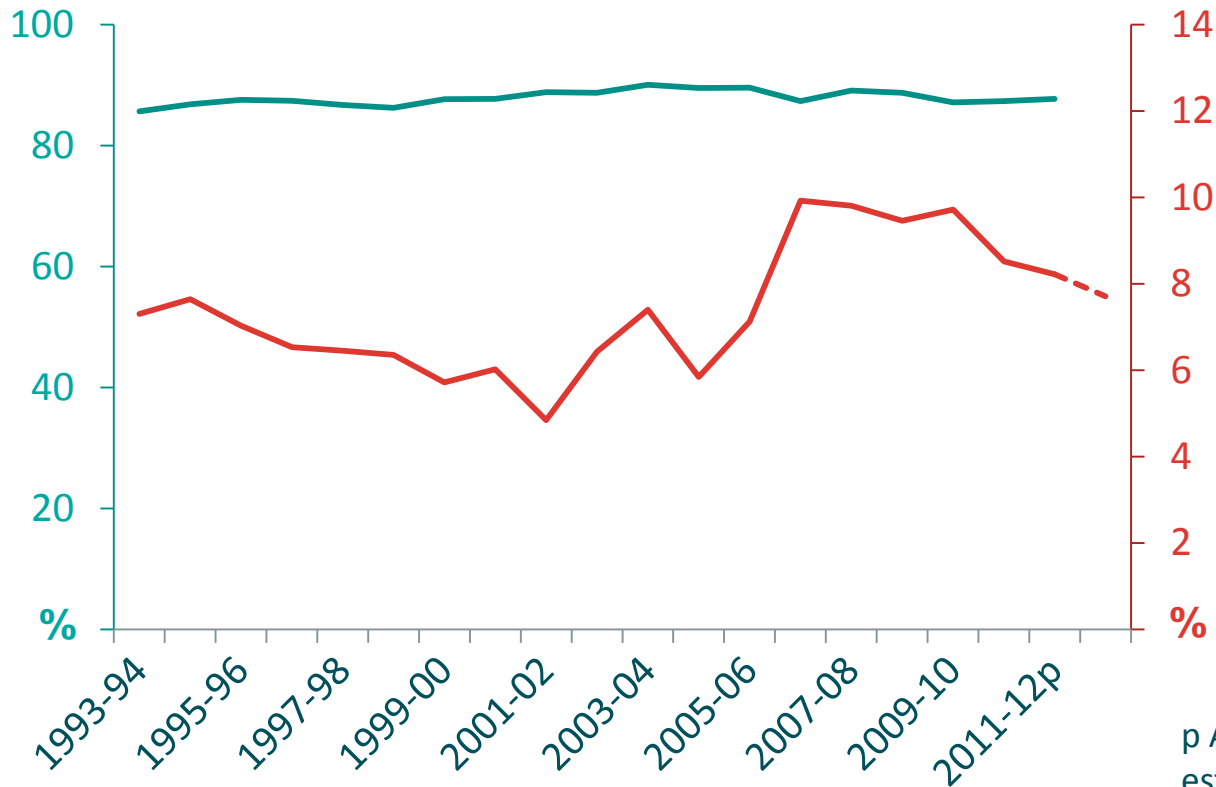
Farm equity and debt servicing - broadacre

average per farm



Equity ratio

Debt servicing ratio

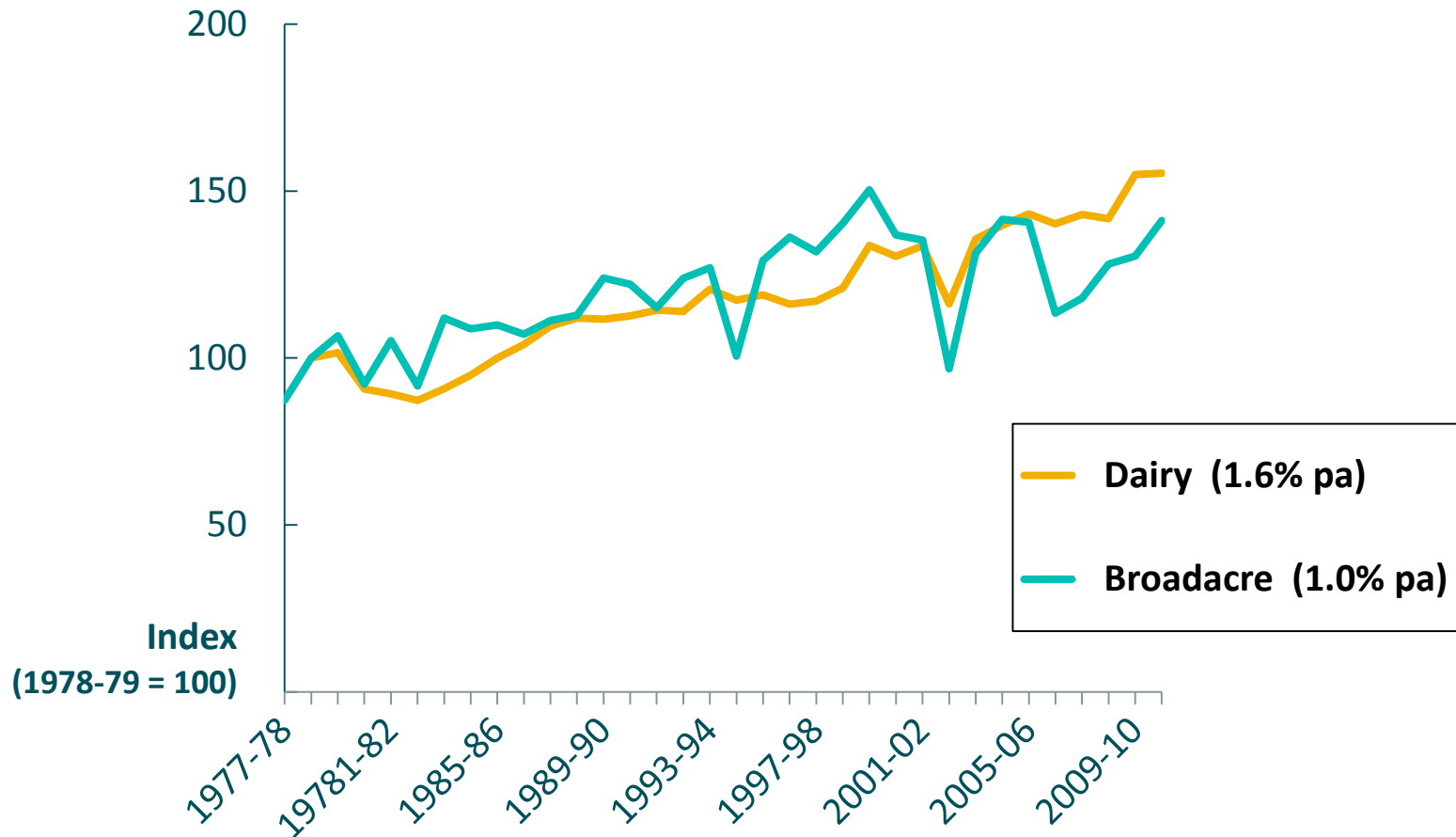


p ABARES preliminary estimate



Industry productivity

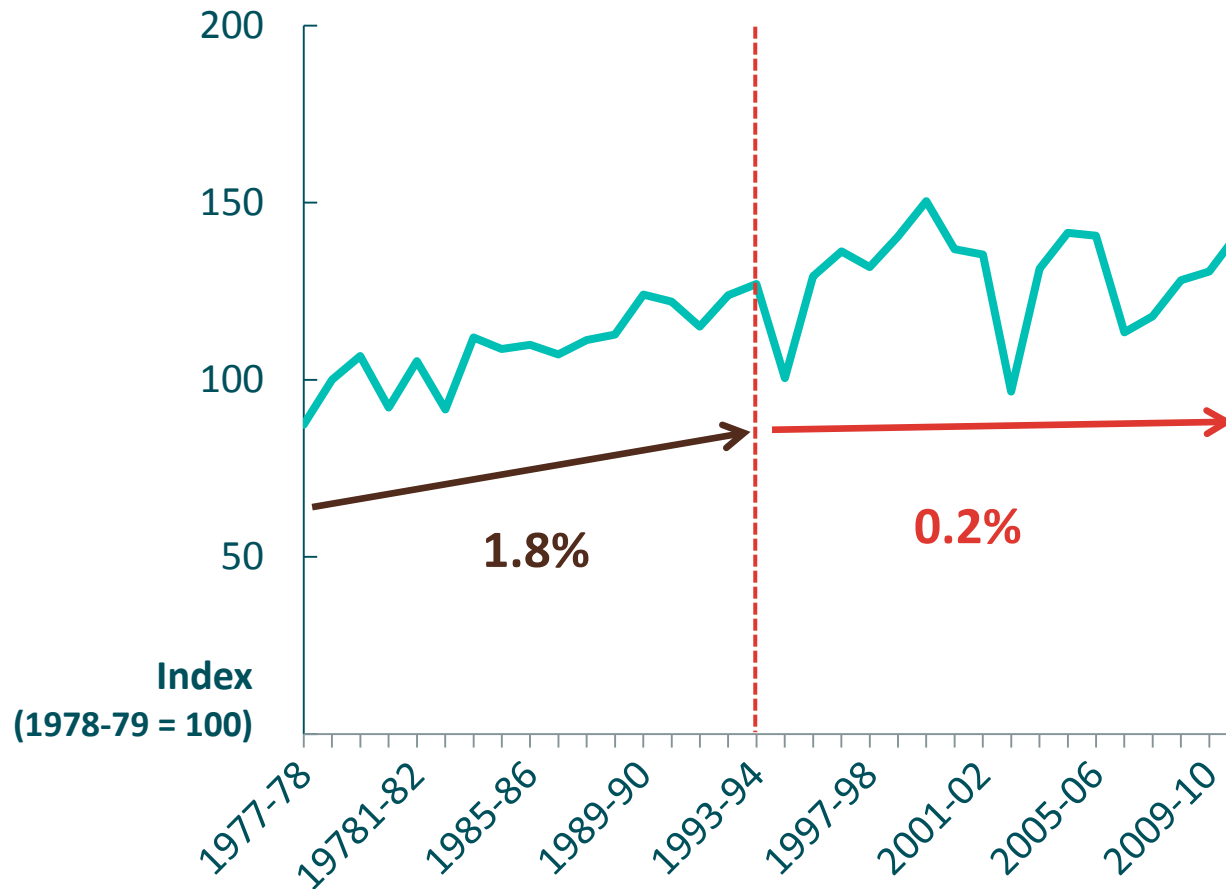
total factor productivity



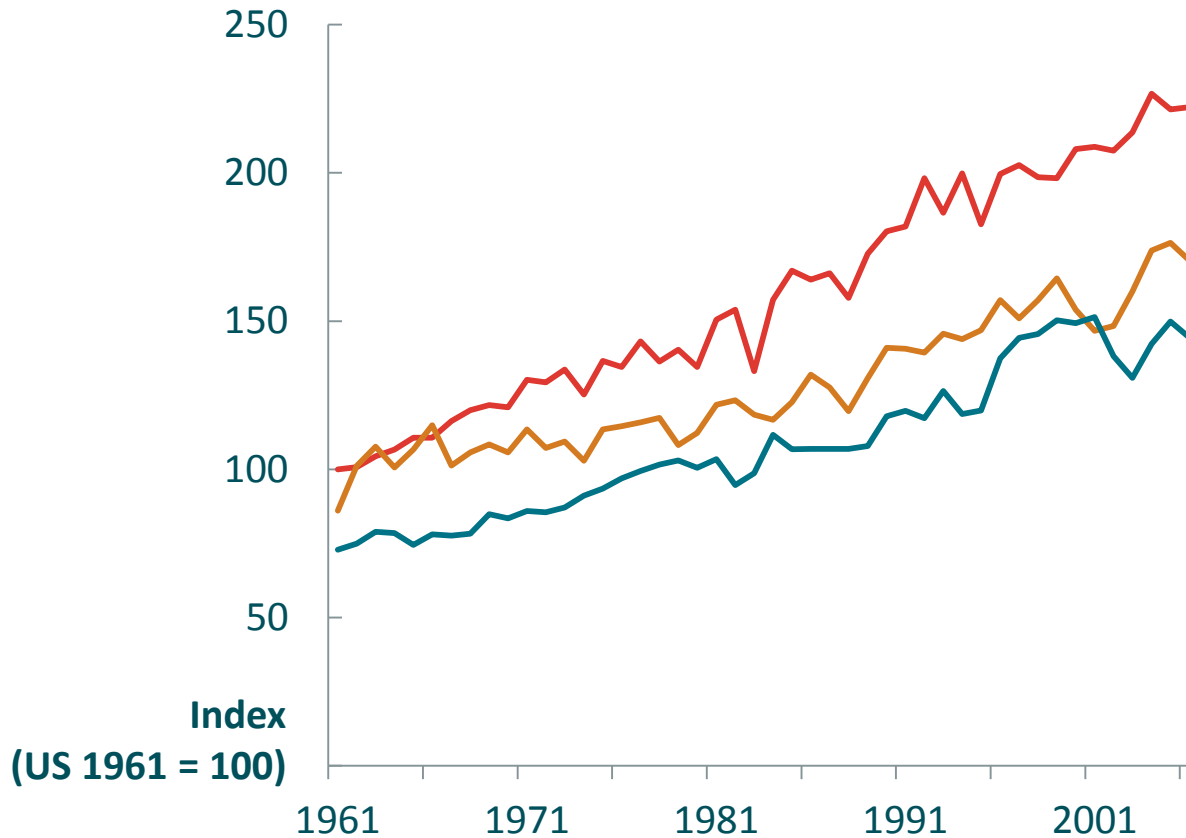


Productivity growth slowdown

broadacre



International productivity performance

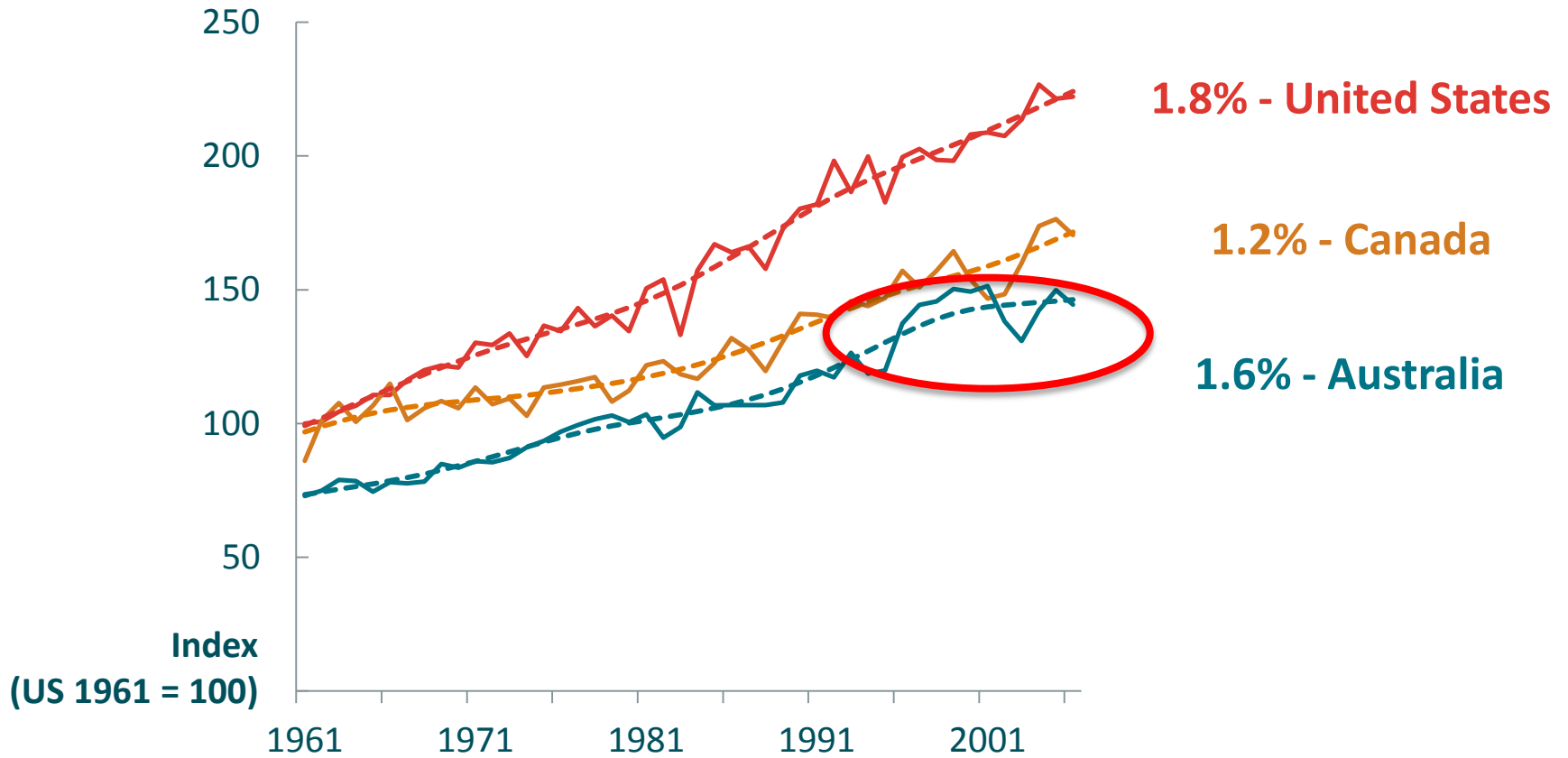


1.8% - United States

1.2% - Canada

1.6% - Australia

International productivity performance



Productivity – sources of growth



1. Improvements in technology

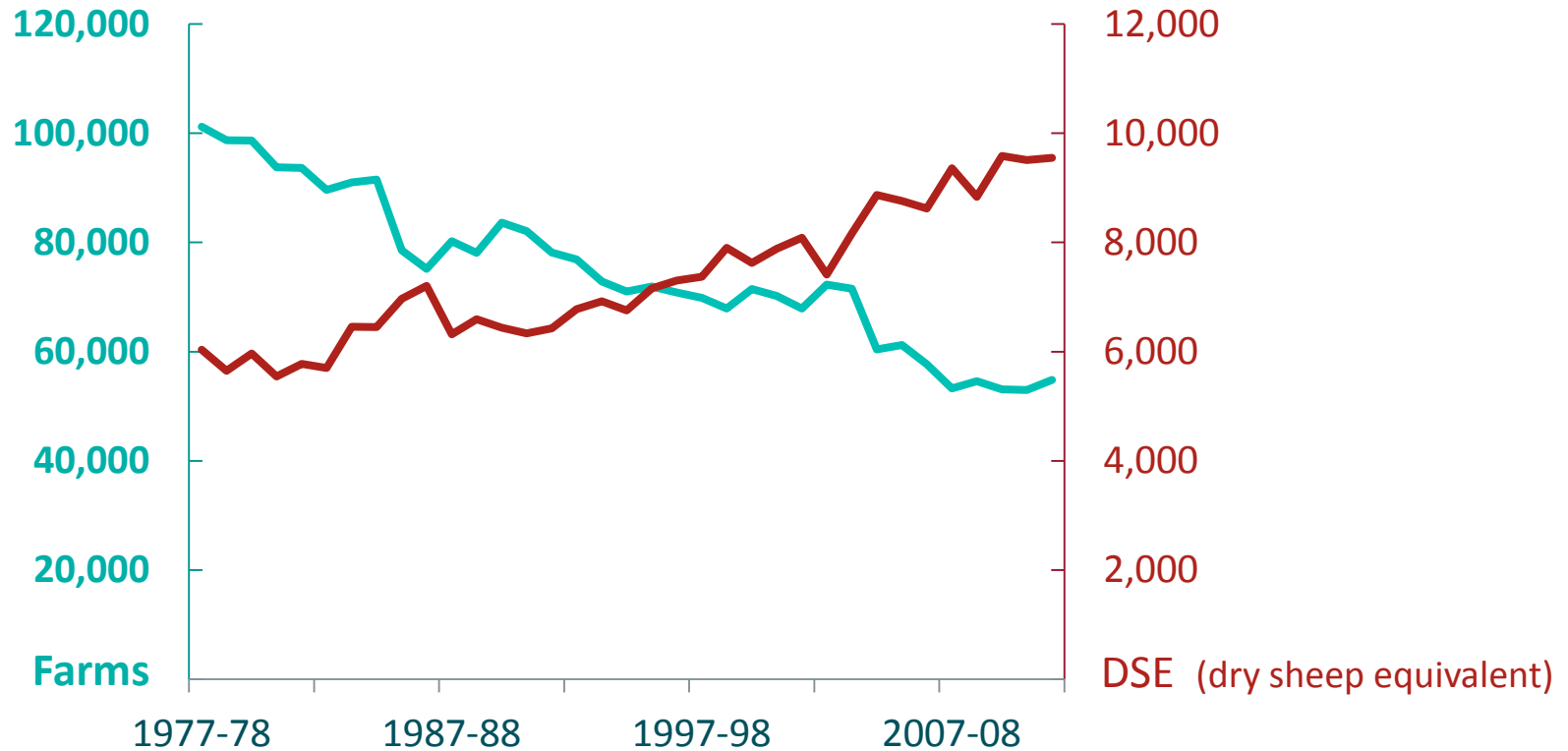
2. Structural adjustment

Structural change in broadacre



Population of broadacre farms

Average farm scale



Changing sources of growth



- 1. Many reforms complete**
- 2. Cropping technologies extensively adopted**
- 3. New technologies are required**

Conclusion



Conclusion



- 1. Foster research and development**
- 2. Minimise (environmental) regulatory burden**
- 3. Pursue broader reform agenda**



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