

A faint, light gray map of Southeast Asia and Australia is visible in the background. The map shows the outlines of the landmasses, with Southeast Asia to the north and Australia to the south. The text is overlaid on this map.

COUNTRY EXPERIENCE SEEA: AUSTRALIA

Environmental-economic work by the Australian Bureau of Statistics (ABS)

COUNTRY EXPERIENCE SEEA: AUSTRALIA

- In this session
 - Timelines
 - Australian Environmental-Economic Accounts, 2016
 - ABS strategy and next steps

TIMELINE OF ENVIRONMENTAL ACCOUNTING MILESTONES FOR AUSTRALIA

1991	Greenhouse Gas emissions (Department of Environment)
1993	SNA revision and 1st edition of SEEA (EC, IMF, OECD, UN, WB)
1995	Natural resources on SNA balance sheet (ABS)
1996	Energy account (ABS)
1998	Mineral account (ABS)
1999	Environmental expenditure, local government (ABS)
2000	Water account – Physical and Monetary Supply and Use (ABS)
	Greenhouse gas emission accounts (ABS)
2003	SEEA revision (UN)
2008	SNA revision (EC, IMF, OECD, UN, WB)

TIMELINE OF ENVIRONMENTAL ACCOUNTING MILESTONES FOR AUSTRALIA

2011	Land account – Great Barrier Reef (ABS)
	Water account – Asset (BOM)
2012	SEEA Central Framework (EC, FAO, IMF, OECD, UN, WB)
	Completing the Picture (ABS) Environmental Taxes (ABS)
2013	SEEA Experimental Ecosystem Accounting (UNSD)
	Waste accounts (ABS)
	Ecosystem accounts (Victorian Environment and Primary Industry)
	Environmental Accounting Landscape (BOM)
2014	Australian Environmental-Economic Accounts (AEEA) (ABS)
	Experimental Environmental Expenditure Accounts (EEA) (ABS)
2015	Employment in Renewable Energy Jobs

Media
Release
14 April 2016

Australian Environmental Economic Accounts, 2016

Australia's natural capital reaches \$5,838 billion

The total value of Australia's environmental assets or natural capital was \$5,836 billion at 30 June 2015, almost double the value of \$3,000 billion in 2006, according to a report released today by the Australian Bureau of Statistics (ABS).

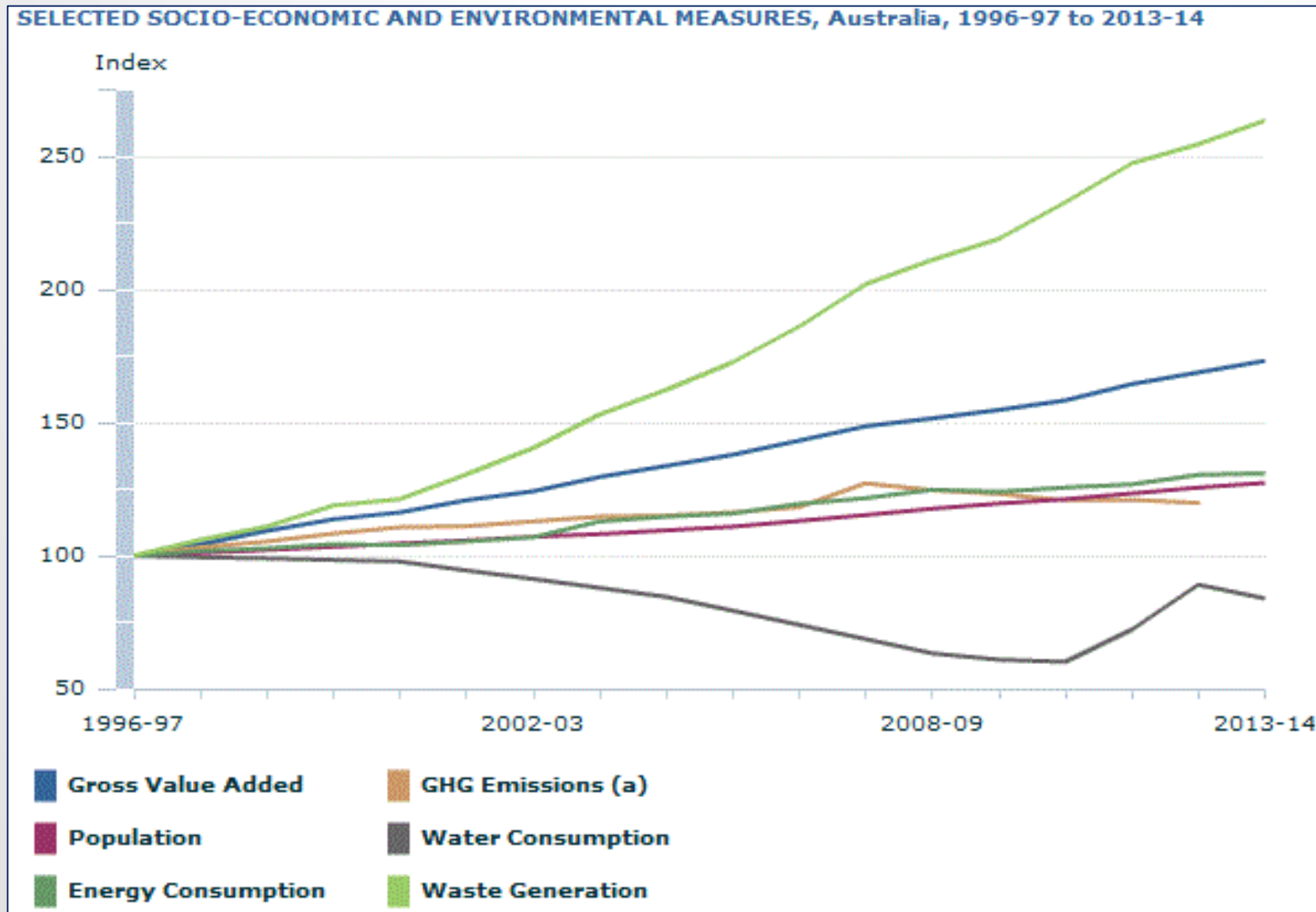
Land made up 81 per cent of the value of Australia's environmental assets, and was valued at \$4,722 billion at 30 June 2015.

Mark Lound, Director of the ABS Environmental Statistics Section said "There are some positive trends in how Australians have responded to environmental pressures while maintaining economic growth, but the news is mixed."

see [Australian Environmental Economic Accounts, 2016 \(cat no. 4655.0\)](#), free download from the ABS website <http://www.abs.gov.au>.

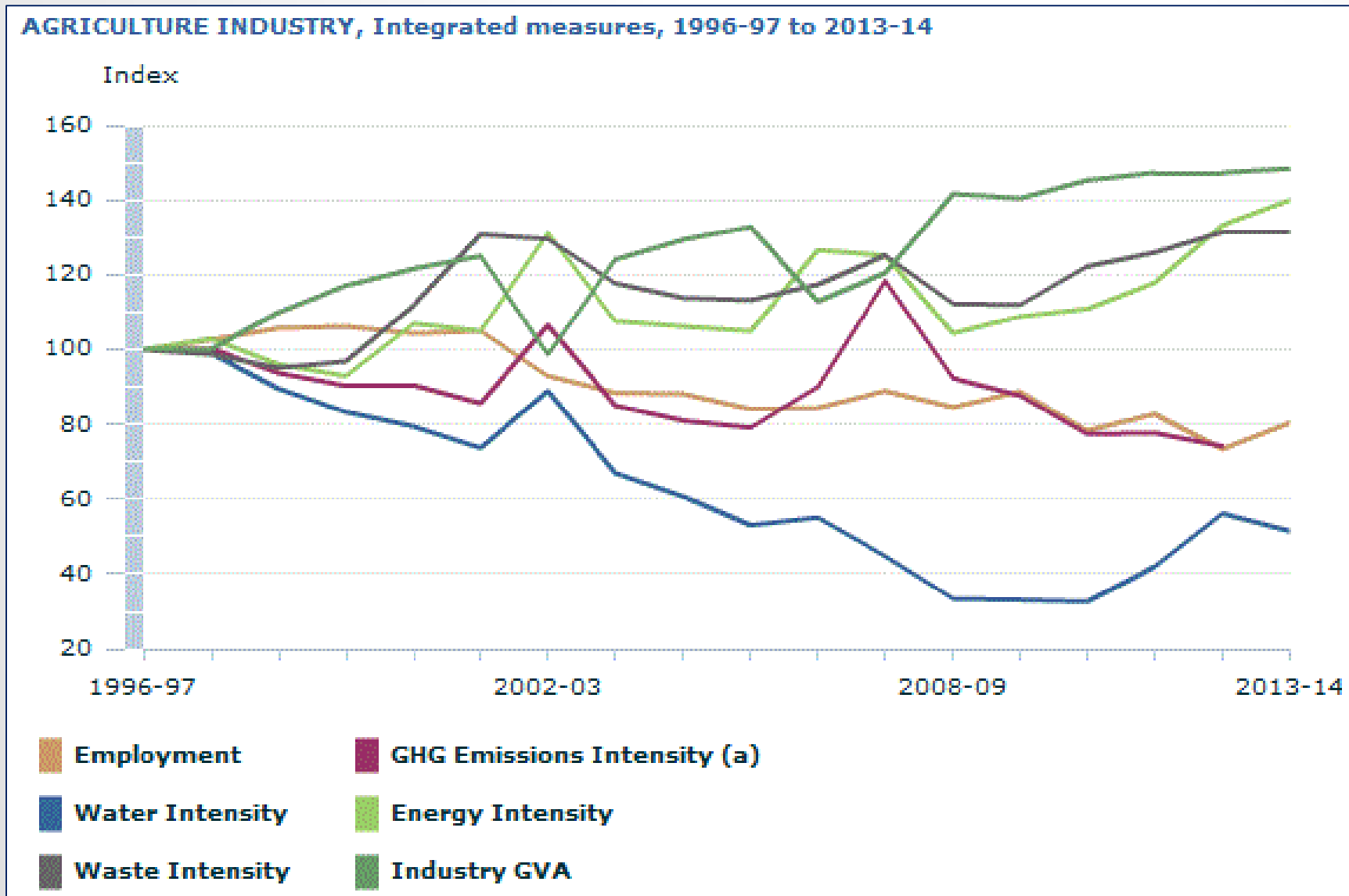
Australian Environmental-Economic Accounts, 2016

Selected socio-economic and environmental measures



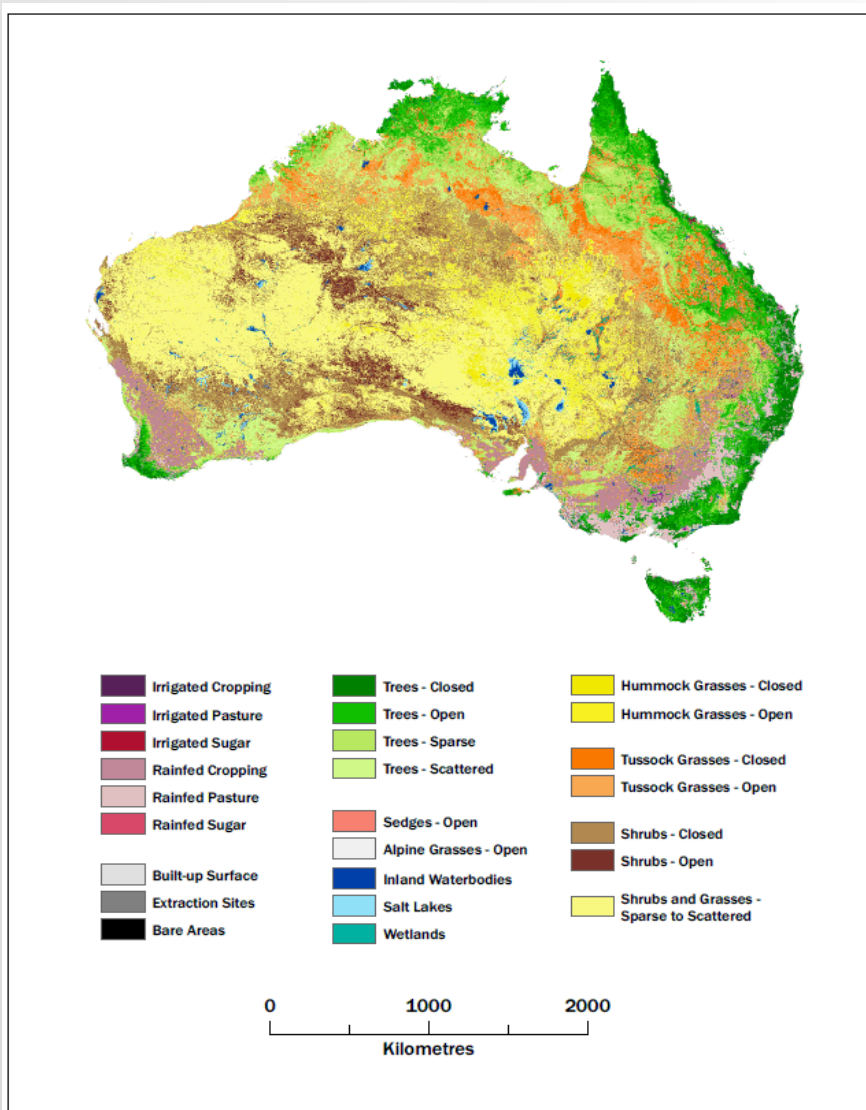
Australian Environmental-Economic Accounts, 2016

Indicators of environmental pressures for selected industries



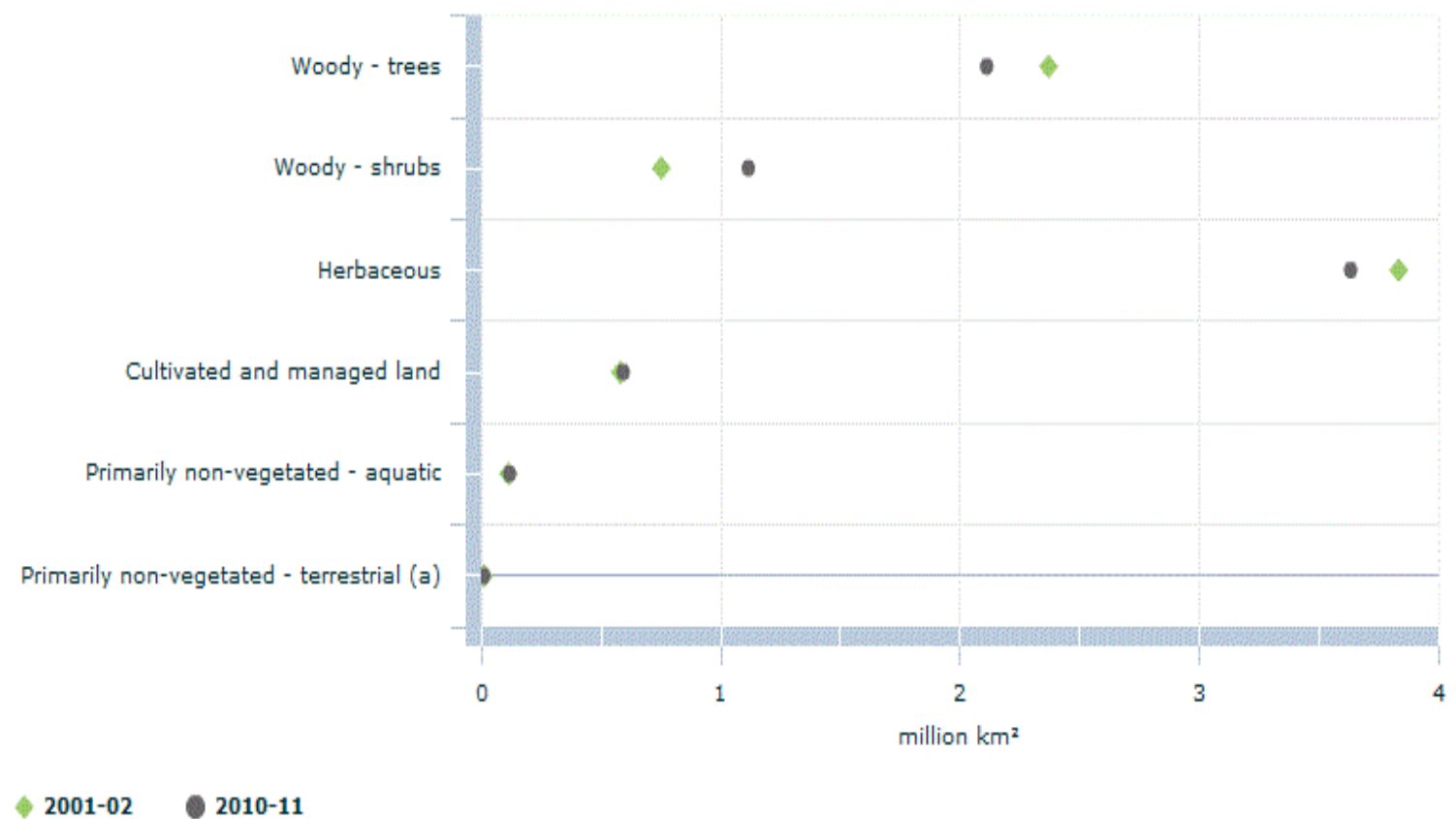
Australian Environmental-Economic Accounts, 2016

Land



Source: Geoscience Australia, Dynamic Land Cover Dataset, version 2 (beta)

LAND COVER CHANGE, Experimental Estimates, Jan 2001-Dec 2002 to Jan 2010-Dec 2011



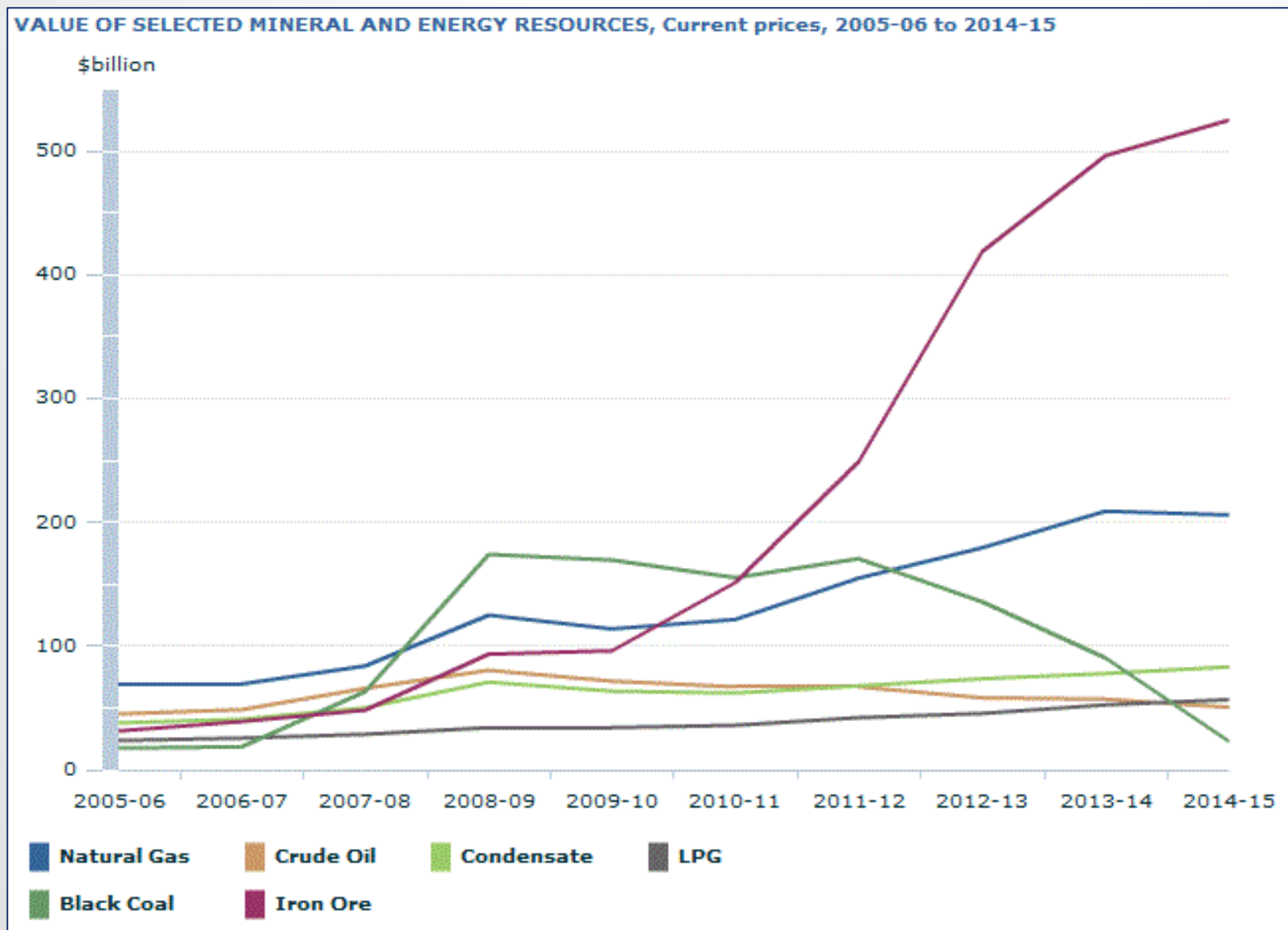
[Save Chart Image](#)

Australian Bureau of Statistics

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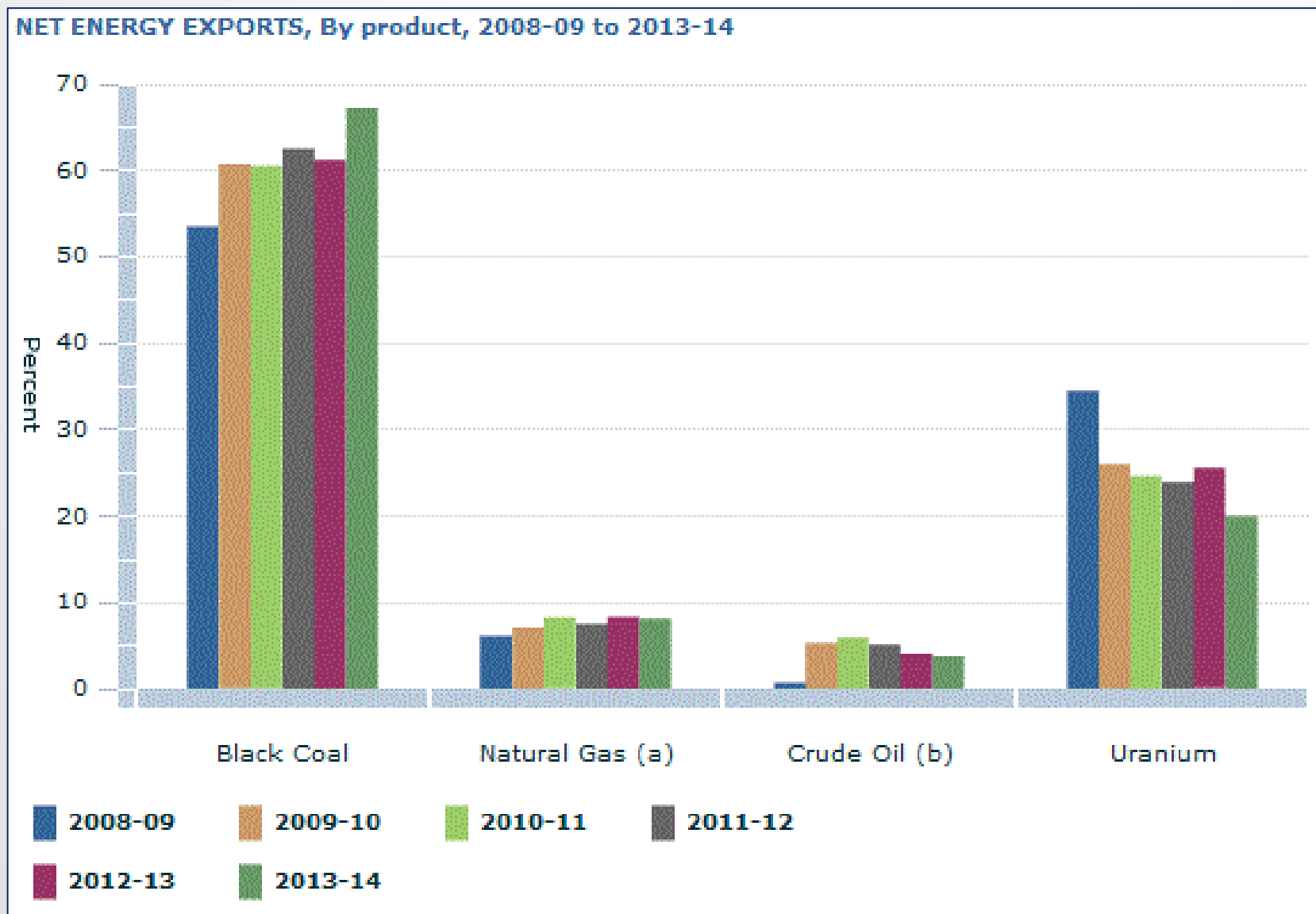
Australian Environmental-Economic Accounts, 2016

Minerals and Energy



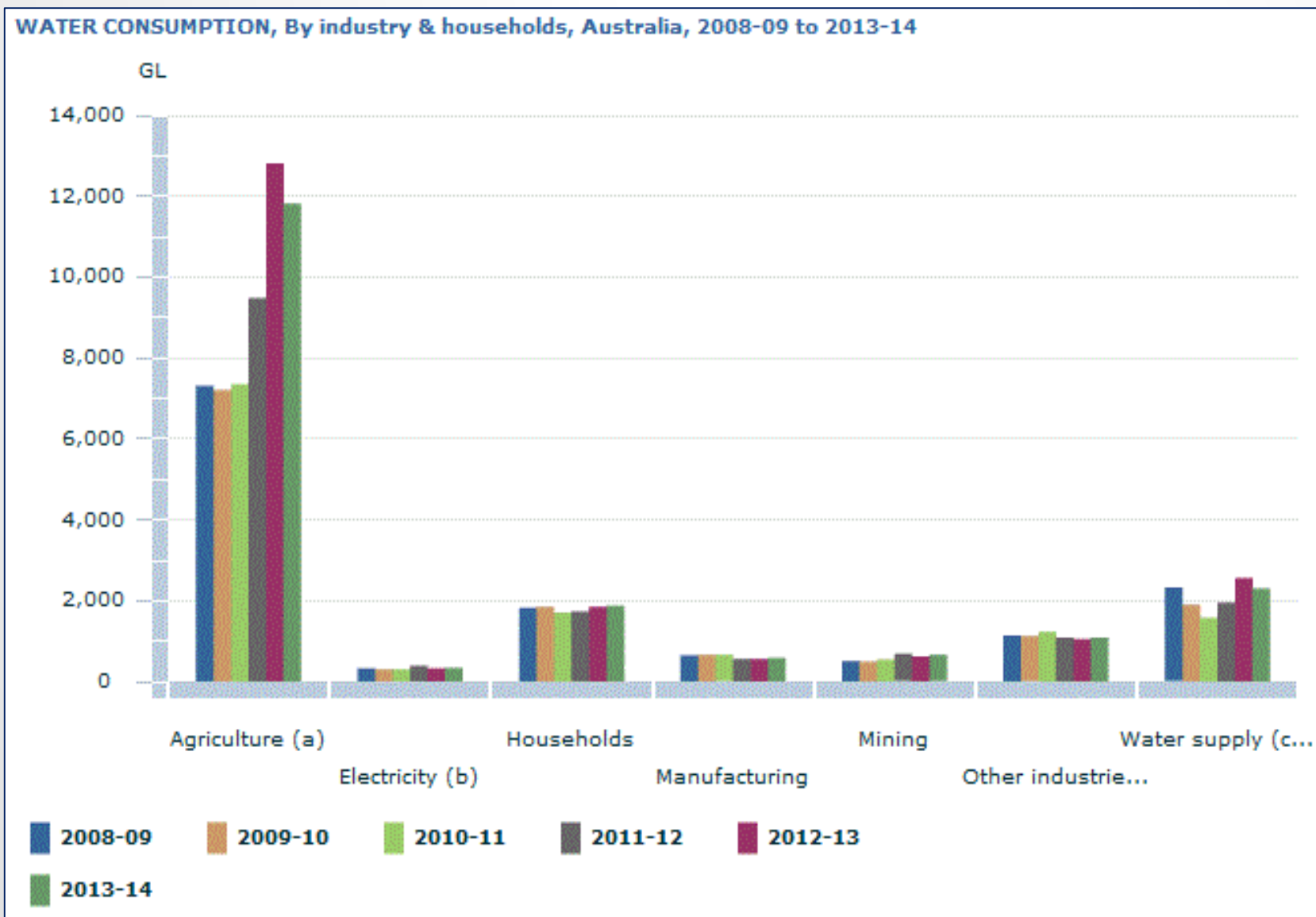
Australian Environmental-Economic Accounts, 2016

Minerals and Energy



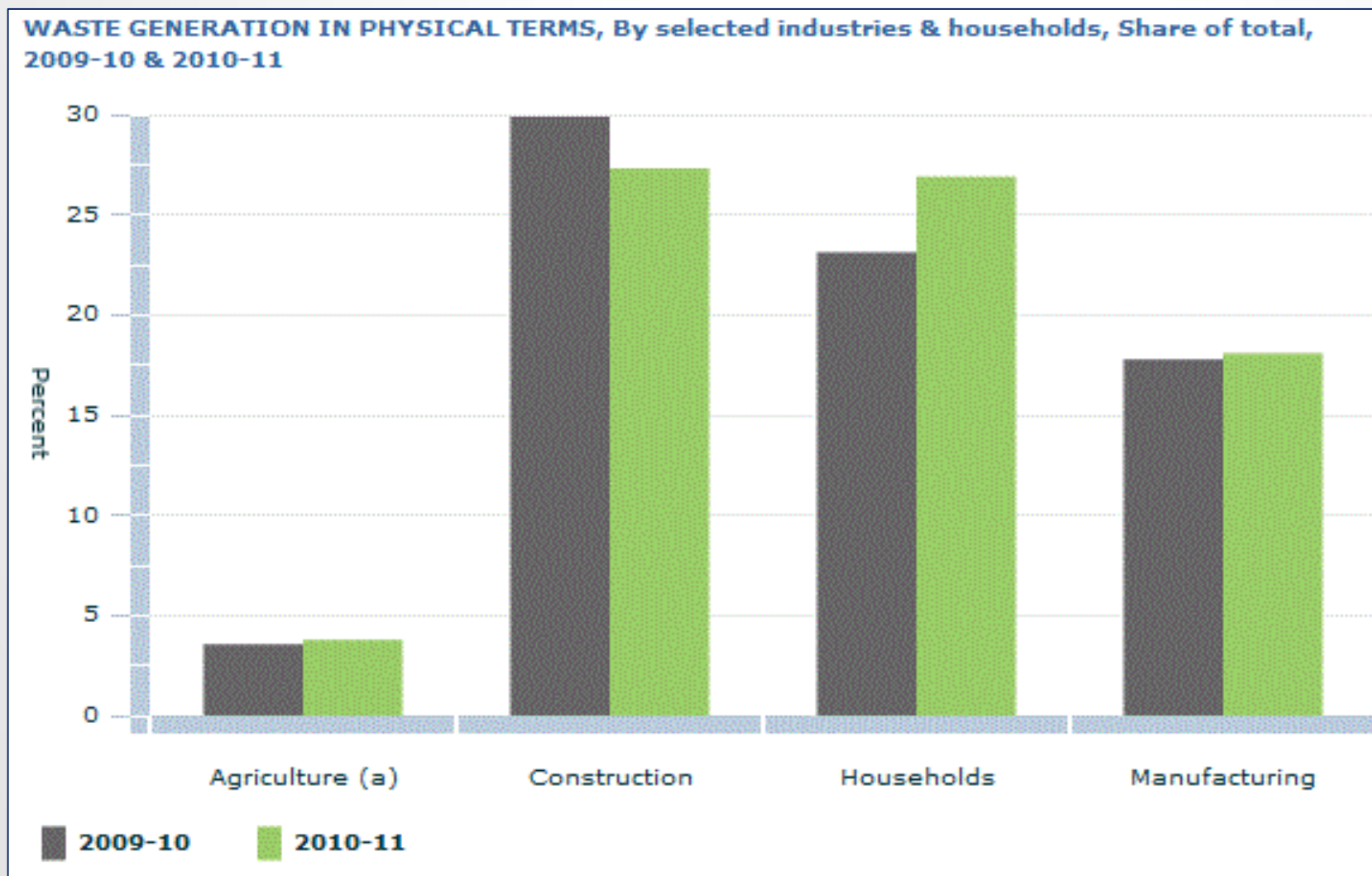
Australian Environmental-Economic Accounts, 2016

Water



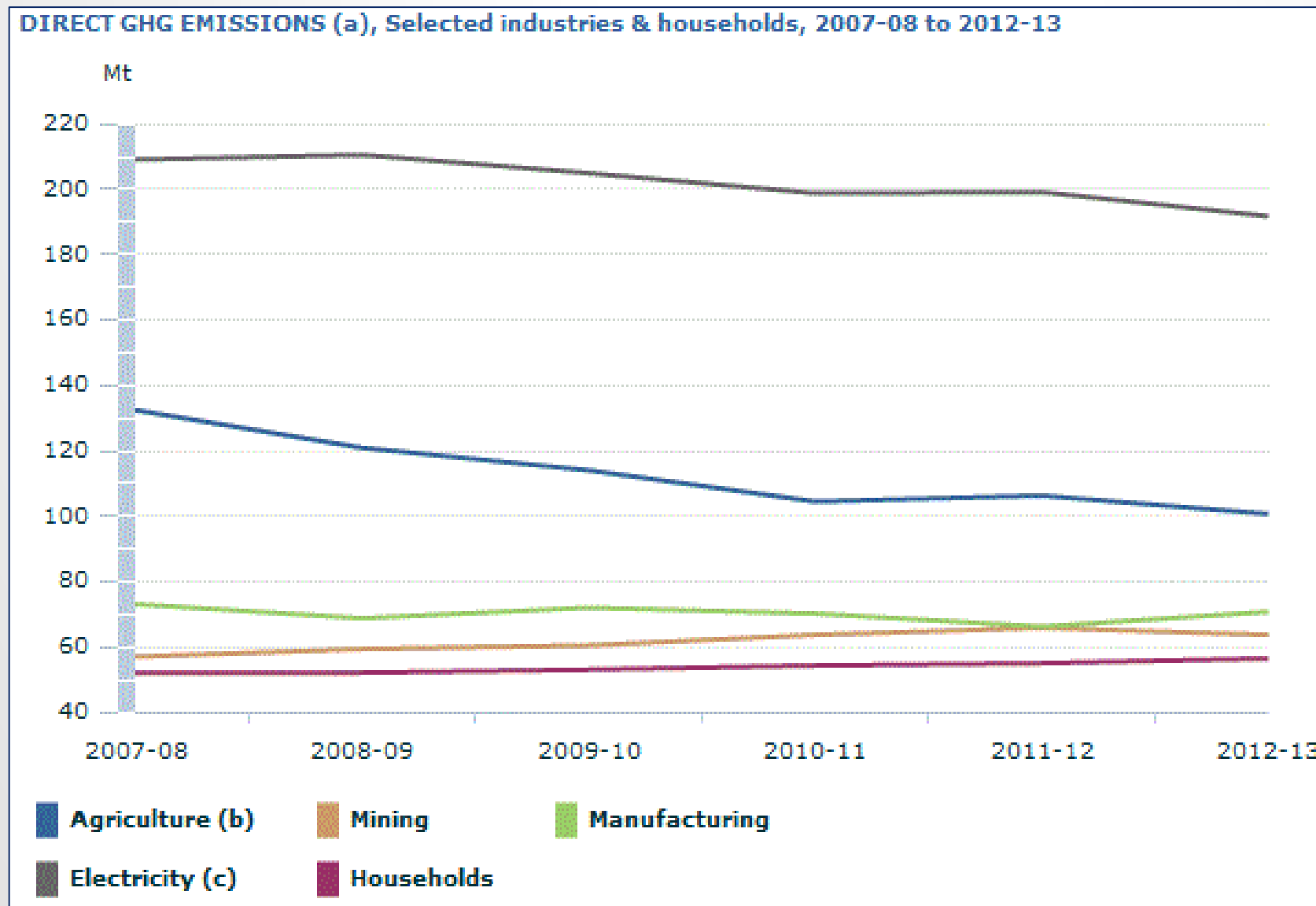
Australian Environmental-Economic Accounts, 2016

Waste



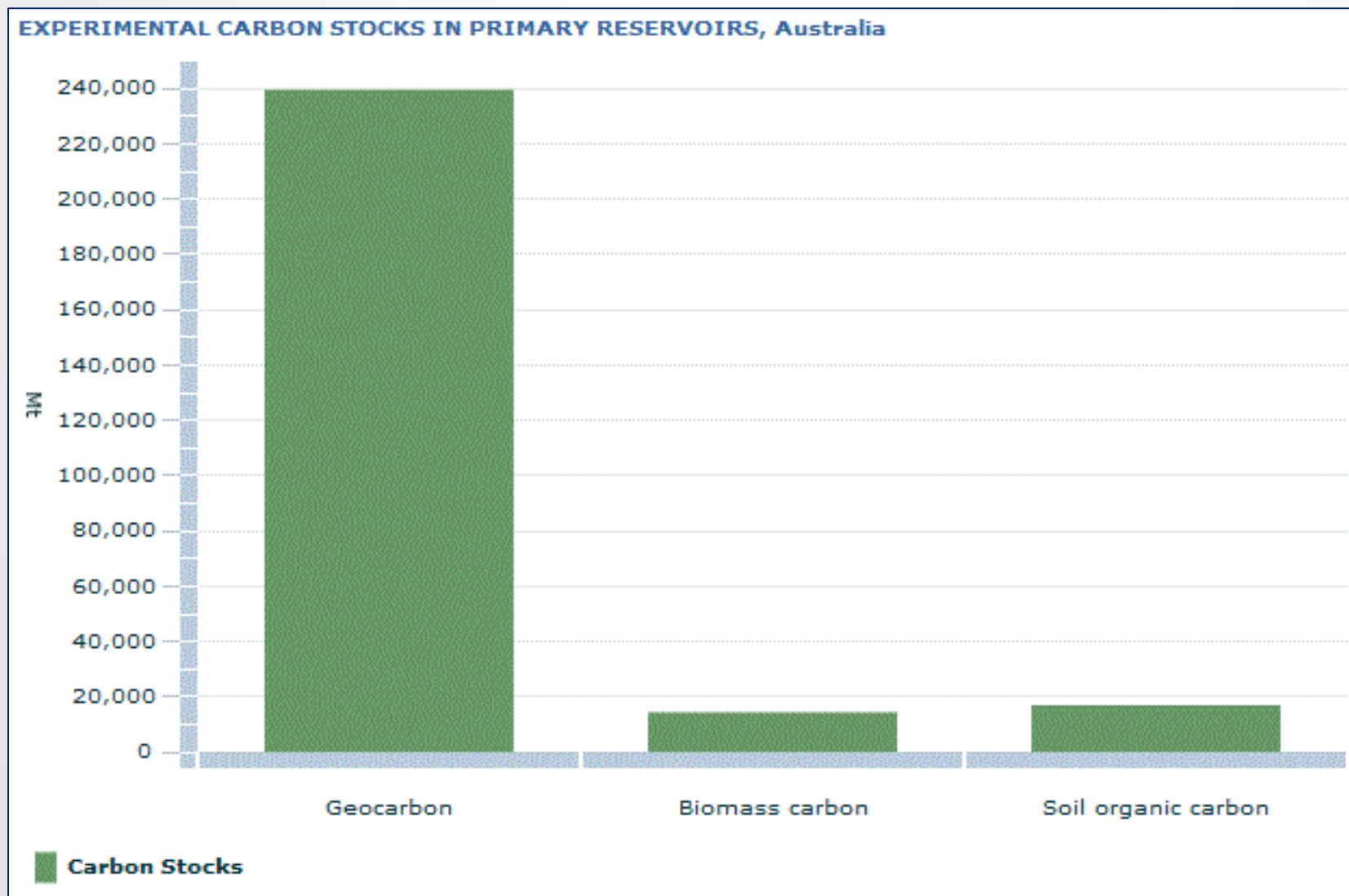
Australian Environmental-Economic Accounts, 2016

Greenhouse gas emissions



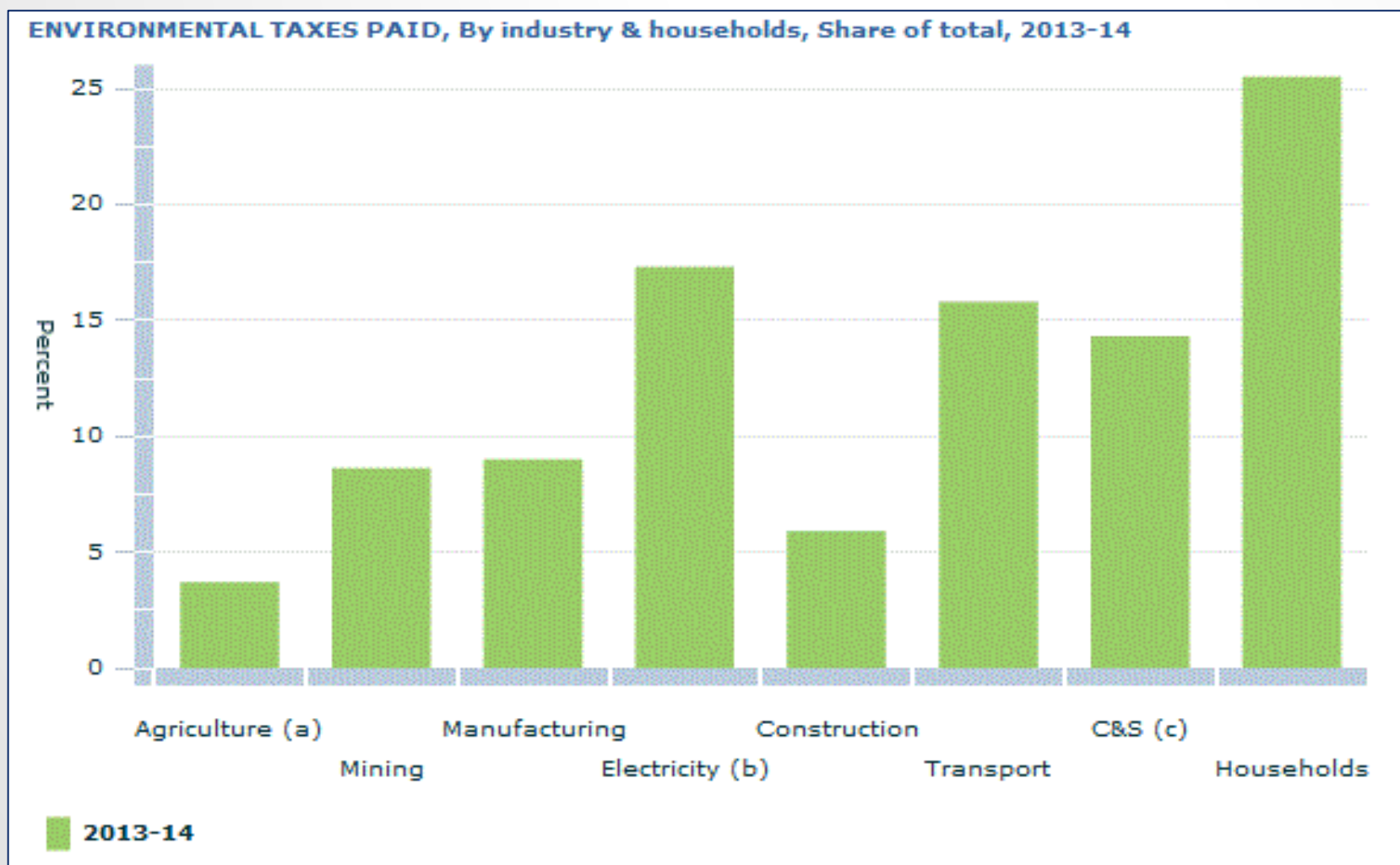
Australian Environmental-Economic Accounts, 2016

Carbon



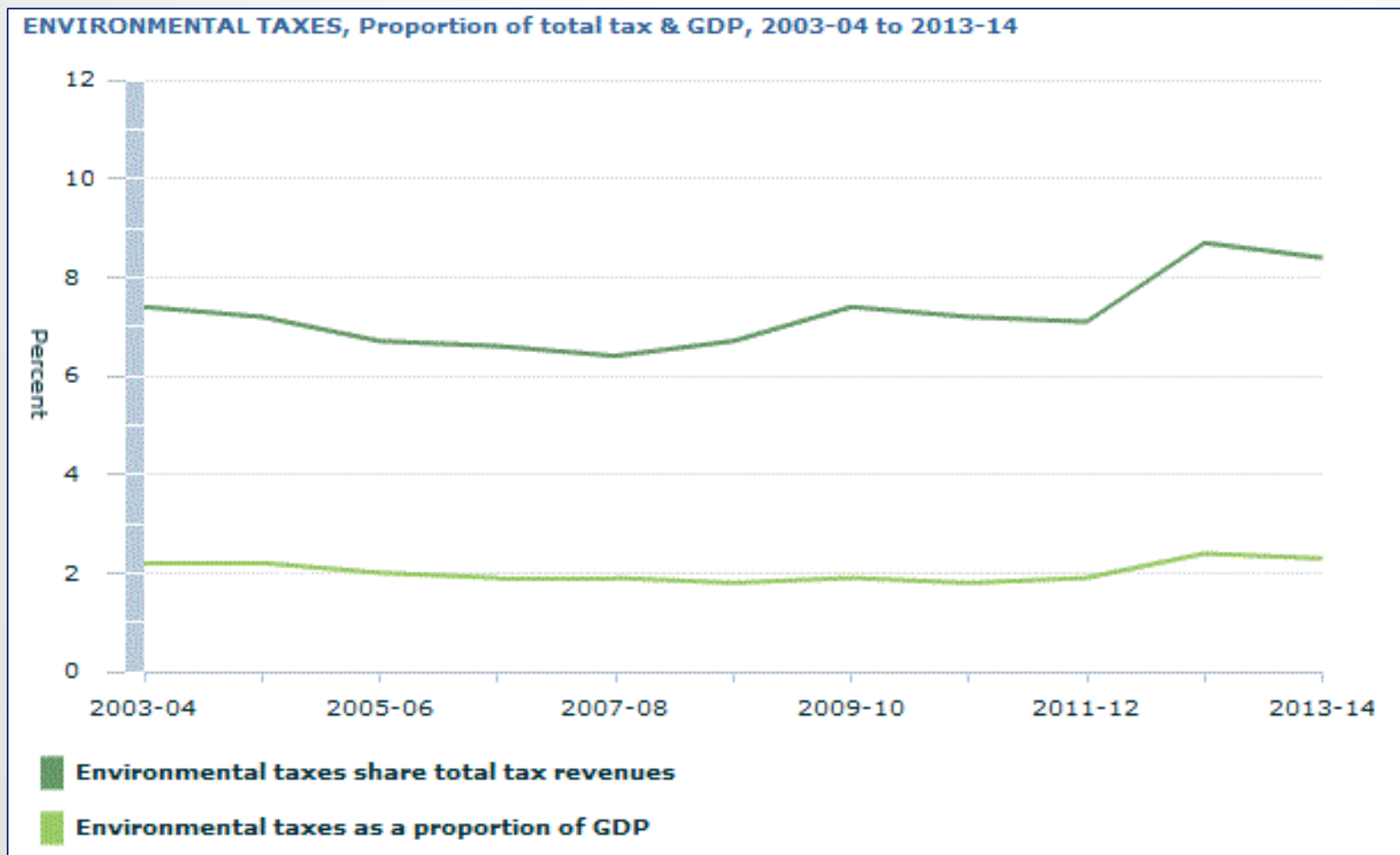
Australian Environmental-Economic Accounts, 2016

Environmental taxes



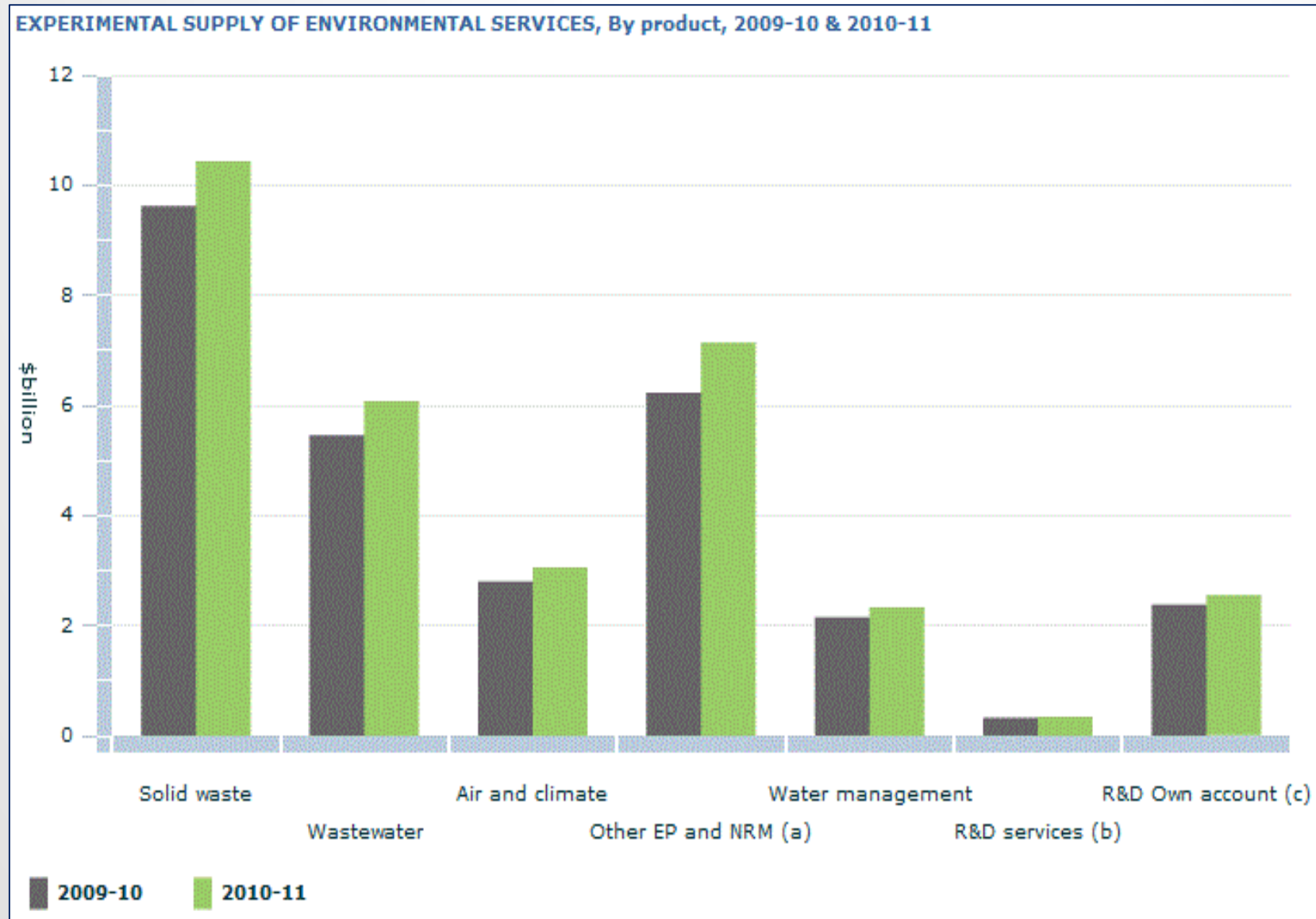
Australian Environmental-Economic Accounts, 2016

Environmental taxes



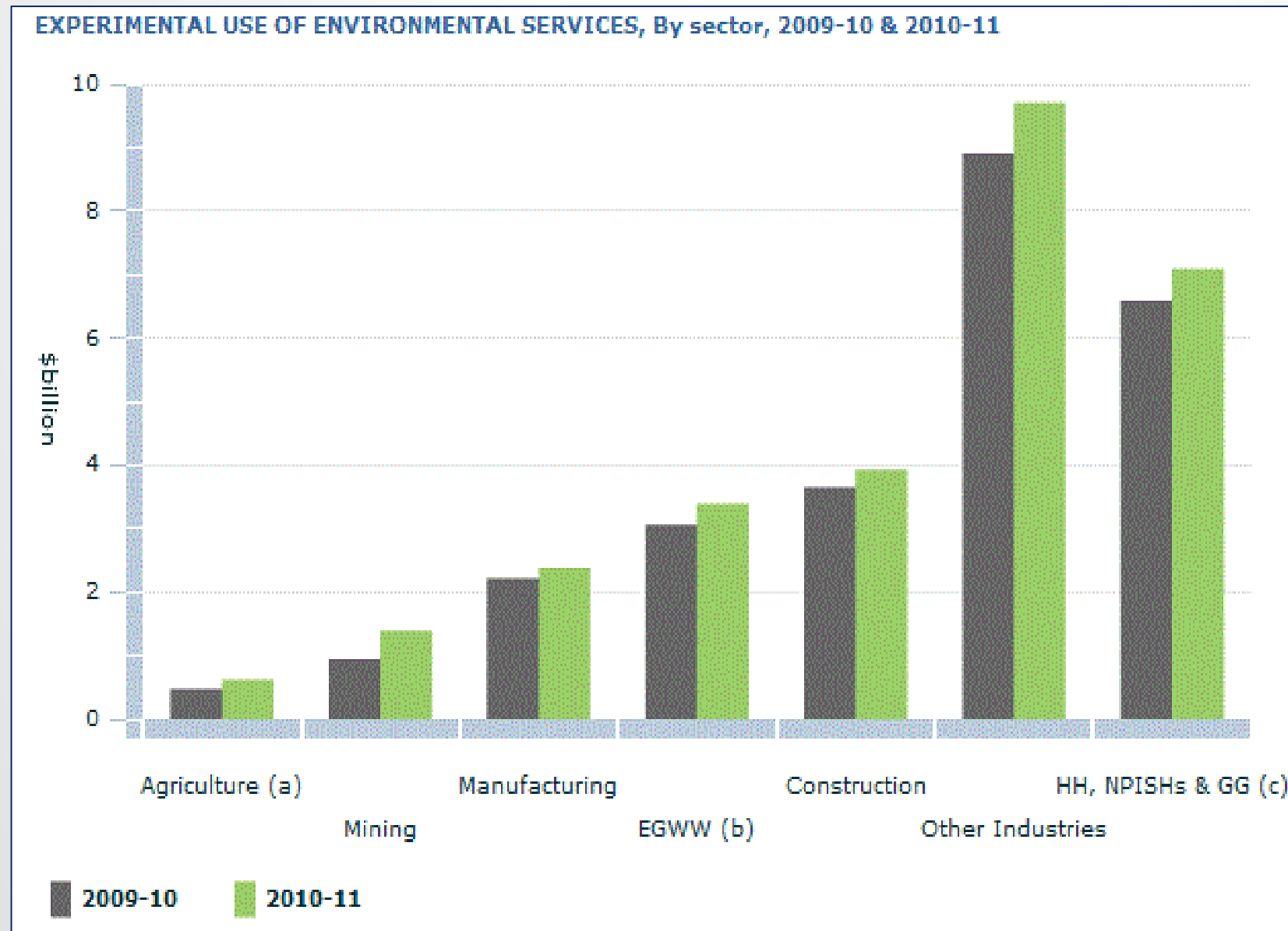
Australian Environmental-Economic Accounts, 2016

Supply/Use of environmental services



Australian Environmental-Economic Accounts, 2016

Supply/Use of environmental services



THE ABS STRATEGY FOR ENVIRONMENTAL-ECONOMIC STATISTICS

1. User Engagement

- Understanding the issues of concern & policy directions
- Establishing information needs and priorities

2. Collaboration

- Working together with other providers of statistics
- Identifying and respecting each others' roles
- Strengthening governance and coordination

3. Secure funding

4. ABS Accounts Program

- Develop & refine statistical concepts, frameworks, methods and sources
- Produce
 - Experimental accounts
 - Regular time series

COUNTRY EXPERIENCE SEEA: AUSTRALIA

- Australian Bureau of Statistics - next steps
- SEEA energy account –
 - direct input to National Accounts Supply/Use tables
 - Energy White Paper (Government policy paper)
 - Infrastructure requirements – off-grid developments and consequences
- Update of Great Barrier Reef land account –
 - SEEA Agriculture accounts
 - Forest accounts
 - Ecosystem accounts
 - Provisioning services
- Collaboration –
 - Geoscience Australia on use of satellite imagery
 - Dept. of Industry, CSIRO (national research agency)

COUNTRY EXPERIENCE SEEA: AUSTRALIA

- Acknowledgement:
- Material in this session is from the Australian Bureau of Statistics publication *Australian Environmental-Economic Accounts, 2016*, (catalogue no. 4655.0), released on 14 April 2016
- This publication, like others produced by the ABS, is available as a free download from the ABS website, www.abs.gov.au
- Presented by David Bain on behalf of GIZ

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