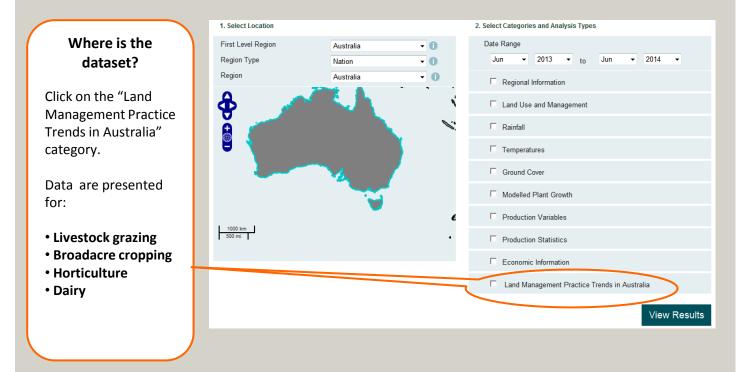
Quick Start Guide

Land management practice trends in Australia dataset in the Monitor

The Land management practice trends in Australia dataset provides information that helps track trends in the adoption of key land management practices in Australia over time. It contains detailed statistics on the rate of adoption of tillage practices, ground cover management, soil testing and management of soil acidity, as well as farm manager characteristics. Users can obtain data at the national, state and natural resource management (NRM) region level. The dataset is based on regular national surveys of agricultural businesses undertaken by the Australian Bureau of Statistics (ABS) through biennial surveys and the five yearly agricultural census.

Below are a few steps to help you use the land management practices information.

Land management practice trends in Australia dataset

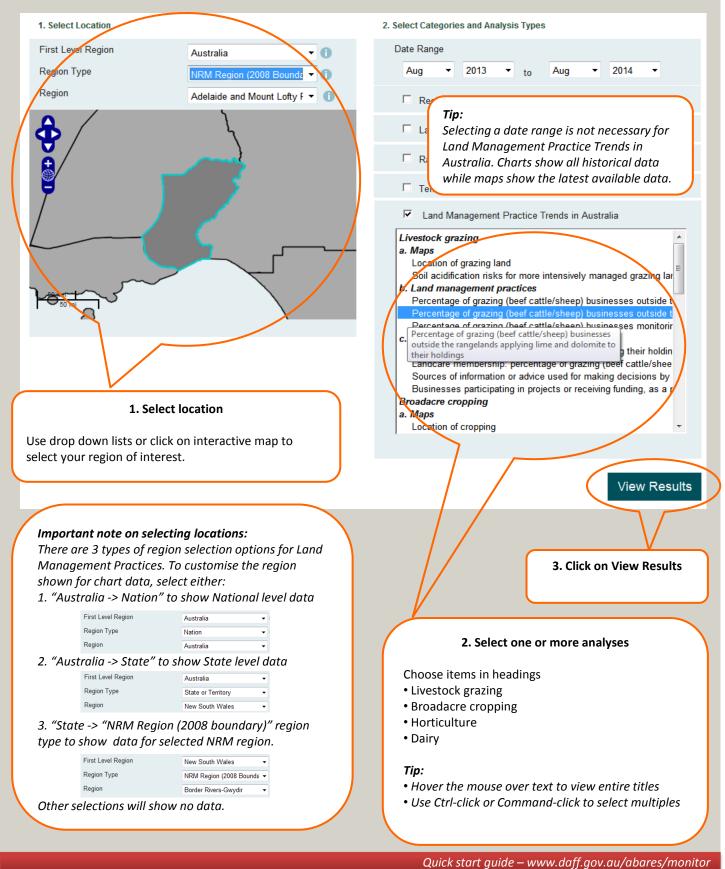


The website is available at <u>data.daff.gov.au/monitor/explore.html</u>

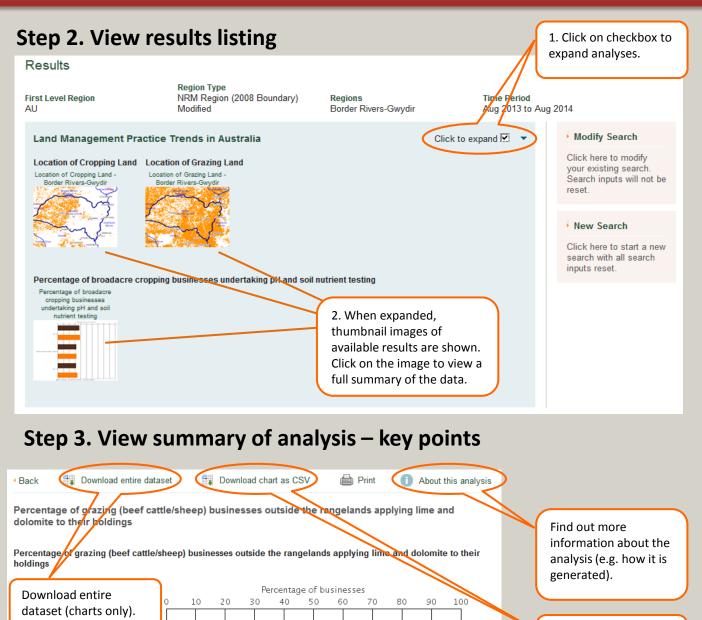
Quick start guide – www.daff.gov.au/abares/monitor

How to explore the datasets – 3 steps

Step 1. Select location and analysis type(s)



How to explore the datasets – 3 steps



Download data behind a single

Australia 2009-10 graph (chart only). 201 (Applied lime, lime sand or limestone - Outside the rangelands 2011-12, Australia) = 14.753 2007 New South Wales and 2009 Australian Capital Territory 2011 2007-08 Tasmania 2009-1 Tip: Hover the mouse over a bar 2011-1 to view values in graphs See Step 1 on how to • Maps are zoomed to the filter which regions are region selected in Step 1. shown.

Quick start guide – www.daff.gov.au/abares/monitor

What datasets are available?

The Land Management Practice Trends in Australia statistics have been prepared from data collected by the Australian Bureau of Statistics through the biennial agricultural resource management survey, supplemented with some data from the agricultural census.

Livestock grazing

a. Maps

Location of grazing land

Soil acidification risks for more intensively managed grazing land in natural resource management (NRM) regions outside the rangelands

b. Land management practices

Percentage of grazing (beef cattle/sheep) businesses outside the rangelands undertaking pH and soil nutrient testing Percentage of grazing (beef cattle/sheep) businesses outside the rangelands applying lime and dolomite to their holdings

Percentage of grazing (beef cattle/sheep) businesses monitoring ground cover in paddocks and with targets for minimum ground cover levels

c. Farm management characteristics

Average age of managers, average years managing their holdings and average years farming in the local region, for grazing (beef cattle/sheep meat) businesses

Landcare membership: percentage of grazing (beef cattle/sheep) businesses having a Landcare member Sources of information or advice used for making decisions by grazing (beef cattle/sheep meat) businesses Businesses participating in projects or receiving funding, as a percentage of all grazing (beef cattle/sheep) businesses

Broadacre cropping

a. Maps

Location of cropping

Cropping areas with low, moderate and high risk of soil acidification

b. Land management practices

Percentage of businesses using different cultivation intensities to prepare land for broadacre crops Percentage of crop area reported by broadacre cropping businesses under different cultivation intensities Percentage of businesses using different crop residue management practices

Percentage of crop area reported by businesses with different crop residue management practices

Percentage of businesses undertaking pH and soil nutrient testing

Percentage of businesses applying lime and percentage applying dolomite to their holdings

Percentage of cereal (excluding rice) businesses applying lime and/or dolomite to their holdings

c. Farm management characteristics

Average age of managers, average years managing their holdings and average years farming in the local region, for broadacre cropping businesses

Landcare membership: percentage of broadacre cropping businesses having a Landcare member

Sources of information or advice used for making decisions by broadacre cropping businesses

Businesses participating in projects or receiving funding, as a percentage of all broadacre cropping businesses

What datasets are available? continued

Horticulture

a. Maps

Location of horticulture

b. Land management practices

Percentage of horticultural businesses (farmers) undertaking pH and soil nutrient testing

Percentage of horticultural businesses (farmers) applying lime or dolomite to their holdings

Percentage of horticultural businesses (farmers) using different methods to maintain ground cover levels between horticultural plantings

c. Farm management characteristics

Average age of managers, average years managing their holdings and average years farming in the local region, for horticulture businesses

Landcare membership: percentage of horticulture businesses having a Landcare member

Sources of information or advice used for making decisions by horticulture businesses

Businesses participating in projects or receiving funding, as a percentage of all horticulture businesses

Dairy

a. Maps

Location of dairy businesses

b. Land management practices

Percentage of dairy businesses undertaking pH and soil nutrient testing

Percentage of dairy businesses applying lime and dolomite to their holdings

Percentage of dairy businesses monitoring ground cover in paddocks and with targets for minimum ground cover levels

c. Farm management characteristics

Average age of managers, average years managing their holdings and average years farming in the local region, for dairy businesses

Landcare membership: percentage of dairy businesses having a Landcare member

Sources of information or advice used for making decisions by dairy businesses

Businesses participating in projects or receiving funding, as a percentage of all dairy businesses

Acknowledgements

ABARES has derived the *Land management trends in Australian Agriculture* dataset from customised data provided by the Australian Bureau of Statistics, under a <u>Creative Commons Attribution 2.5</u> <u>Australia</u> license.

This work is supported through funding from the Australian Government National Landcare Programme.



The Monitor also provides a broad range of climatic, production, biophysical and economic information, for various regions throughout Australia. This includes a mapping interface to view spatial data against several different region types.